



# BARGE "KIRBY 30077"

## ULLAGE TRIM TABLE

Formerly "WTC 3008"

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

THE CORRECTION FOR 3'-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"

LENGTH BETWEEN DRAFT MARKS: 237'-00"

February 14, 2023

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

<http://www.pmacorp.net>



# BARGE "KIRBY 30077"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3008"

GAUGE HEIGHT 17'-00"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	5,082.70	0	4,715.75	0	4,348.88	0	3,981.97	0	3,615.05	0	3,248.14	0	2,881.23
1/4		1/4		1/4		1/4	5,075.06	1/4	4,708.11	1/4	4,341.23	1/4	3,974.32	1/4	3,607.41	1/4	3,240.50	1/4	2,873.59
1/2		1/2		1/2		1/2	5,067.42	1/2	4,700.48	1/2	4,333.59	1/2	3,966.68	1/2	3,599.76	1/2	3,232.85	1/2	2,865.94
3/4		3/4		3/4		3/4	5,059.77	3/4	4,692.84	3/4	4,325.94	3/4	3,959.03	3/4	3,592.12	3/4	3,225.21	3/4	2,858.30
1		1		1		1	5,052.13	1	4,685.21	1	4,318.30	1	3,951.39	1	3,584.48	1	3,217.57	1	2,850.66
1/4		1/4		1/4		1/4	5,044.49	1/4	4,677.57	1/4	4,310.66	1/4	3,943.74	1/4	3,576.85	1/4	3,209.92	1/4	2,843.01
1/2		1/2		1/2		1/2	5,036.84	1/2	4,669.92	1/2	4,303.01	1/2	3,936.10	1/2	3,569.22	1/2	3,202.28	1/2	2,835.37
3/4		3/4		3/4		3/4	5,029.20	3/4	4,662.28	3/4	4,295.37	3/4	3,928.45	3/4	3,561.59	3/4	3,194.63	3/4	2,827.72
2		2		2		2	5,021.55	2	4,654.64	2	4,287.73	2	3,920.81	2	3,553.96	2	3,186.99	2	2,820.08
1/4		1/4		1/4		1/4	5,013.91	1/4	4,646.99	1/4	4,280.08	1/4	3,913.17	1/4	3,546.30	1/4	3,179.34	1/4	2,812.43
1/2		1/2		1/2		1/2	5,006.26	1/2	4,639.35	1/2	4,272.44	1/2	3,905.52	1/2	3,538.64	1/2	3,171.70	1/2	2,804.79
3/4		3/4		3/4		3/4	4,998.62	3/4	4,631.70	3/4	4,264.79	3/4	3,897.88	3/4	3,530.99	3/4	3,164.05	3/4	2,797.14
3		3		3		3	4,990.97	3	4,624.06	3	4,257.15	3	3,890.24	3	3,523.33	3	3,156.41	3	2,789.50
1/4		1/4		1/4		1/4	4,983.33	1/4	4,616.42	1/4	4,249.50	1/4	3,882.59	1/4	3,515.68	1/4	3,148.77	1/4	2,781.86
1/2		1/2		1/2		1/2	4,975.69	1/2	4,608.77	1/2	4,241.86	1/2	3,874.95	1/2	3,508.04	1/2	3,141.12	1/2	2,774.21
3/4		3/4		3/4		3/4	4,968.04	3/4	4,601.13	3/4	4,234.21	3/4	3,867.30	3/4	3,500.39	3/4	3,133.48	3/4	2,766.57
4		4		4		4	4,960.40	4	4,593.49	4	4,226.57	4	3,859.66	4	3,492.75	4	3,125.84	4	2,758.93
1/4		1/4		1/4		1/4	4,952.76	1/4	4,585.84	1/4	4,218.93	1/4	3,852.02	1/4	3,485.10	1/4	3,118.19	1/4	2,751.28
1/2		1/2		1/2		1/2	4,945.11	1/2	4,578.20	1/2	4,211.28	1/2	3,844.37	1/2	3,477.46	1/2	3,110.55	1/2	2,743.64
3/4		3/4		3/4		3/4	4,937.47	3/4	4,570.55	3/4	4,203.64	3/4	3,836.73	3/4	3,469.81	3/4	3,102.90	3/4	2,735.99
5		5		5		5	4,929.82	5	4,562.91	5	4,196.00	5	3,829.09	5	3,462.17	5	3,095.26	5	2,728.35
1/4		1/4		1/4		1/4	4,922.18	1/4	4,555.26	1/4	4,188.35	1/4	3,821.44	1/4	3,454.53	1/4	3,087.62	1/4	2,720.71
1/2		1/2		1/2		1/2	4,914.54	1/2	4,547.62	1/2	4,180.71	1/2	3,813.80	1/2	3,446.88	1/2	3,079.97	1/2	2,713.06
3/4		3/4		3/4		3/4	4,906.89	3/4	4,539.97	3/4	4,173.06	3/4	3,806.15	3/4	3,439.24	3/4	3,072.33	3/4	2,705.42
6		6		6	5,181.88	6	4,899.25	6	4,532.33	6	4,165.42	6	3,798.51	6	3,431.60	6	3,064.69	6	2,697.78
1/4		1/4		1/4	5,181.02	1/4	4,891.61	1/4	4,524.69	1/4	4,157.78	1/4	3,790.86	1/4	3,423.95	1/4	3,057.04	1/4	2,690.13
1/2		1/2		1/2	5,180.16	1/2	4,883.96	1/2	4,517.04	1/2	4,150.13	1/2	3,783.22	1/2	3,416.31	1/2	3,049.40	1/2	2,682.49
3/4		3/4		3/4	5,179.29	3/4	4,876.31	3/4	4,509.40	3/4	4,142.49	3/4	3,775.57	3/4	3,408.66	3/4	3,041.75	3/4	2,674.84
7		7		7	5,178.43	7	4,868.67	7	4,501.76	7	4,134.85	7	3,767.93	7	3,401.02	7	3,034.11	7	2,667.20
1/4		1/4		1/4	5,176.35	1/4	4,861.02	1/4	4,494.11	1/4	4,127.20	1/4	3,760.29	1/4	3,393.38	1/4	3,026.47	1/4	2,659.55
1/2		1/2		1/2	5,174.27	1/2	4,853.38	1/2	4,486.47	1/2	4,119.56	1/2	3,752.64	1/2	3,385.73	1/2	3,018.82	1/2	2,651.91
3/4		3/4		3/4	5,172.19	3/4	4,845.73	3/4	4,478.82	3/4	4,111.91	3/4	3,745.00	3/4	3,378.09	3/4	3,011.18	3/4	2,644.26
8		8		8	5,170.11	8	4,838.09	8	4,471.18	8	4,104.27	8	3,737.36	8	3,370.45	8	3,003.54	8	2,636.62
1/4		1/4		1/4	5,166.65	1/4	4,830.45	1/4	4,463.54	1/4	4,096.62	1/4	3,729.71	1/4	3,362.80	1/4	2,995.89	1/4	2,628.98
1/2		1/2		1/2	5,163.18	1/2	4,822.80	1/2	4,455.89	1/2	4,088.98	1/2	3,722.07	1/2	3,355.16	1/2	2,988.25	1/2	2,621.33
3/4		3/4		3/4	5,159.72	3/4	4,815.16	3/4	4,448.25	3/4	4,081.33	3/4	3,714.42	3/4	3,347.51	3/4	2,980.60	3/4	2,613.69
9		9		9	5,156.25	9	4,807.52	9	4,440.61	9	4,073.69	9	3,706.78	9	3,339.87	9	2,972.96	9	2,606.05
1/4		1/4		1/4	5,151.40	1/4	4,799.87	1/4	4,432.96	1/4	4,066.05	1/4	3,699.14	1/4	3,332.22	1/4	2,965.31	1/4	2,598.40
1/2		1/2		1/2	5,146.55	1/2	4,792.23	1/2	4,425.32	1/2	4,058.40	1/2	3,691.49	1/2	3,324.58	1/2	2,957.67	1/2	2,590.76
3/4		3/4		3/4	5,141.69	3/4	4,784.58	3/4	4,417.67	3/4	4,050.76	3/4	3,683.85	3/4	3,316.93	3/4	2,950.02	3/4	2,583.11
10		10		10	5,136.84	10	4,776.94	10	4,410.03	10	4,043.12	10	3,676.21	10	3,309.29	10	2,942.38	10	2,575.47
1/4		1/4		1/4	5,130.60	1/4	4,769.30	1/4	4,402.38	1/4	4,035.47	1/4	3,668.56	1/4	3,301.65	1/4	2,934.69	1/4	2,567.83
1/2		1/2		1/2	5,124.36	1/2	4,761.65	1/2	4,394.74	1/2	4,027.83	1/2	3,660.92	1/2	3,294.00	1/2	2,926.99	1/2	2,560.18
3/4		3/4		3/4	5,118.11	3/4	4,754.01	3/4	4,387.09	3/4	4,020.18	3/4	3,653.27	3/4	3,286.36	3/4	2,919.30	3/4	2,552.54
11		11		11	5,111.87	11	4,746.37	11	4,379.45	11	4,012.54	11	3,645.63	11	3,278.72	11	2,911.61	11	2,544.90
1/4		1/4		1/4	5,104.58	1/4	4,738.71	1/4	4,371.81	1/4	4,004.90	1/4	3,637.98	1/4	3,271.07	1/4	2,904.01	1/4	2,537.25
1/2		1/2		1/2	5,097.29	1/2	4,731.06	1/2	4,364.16	1/2	3,997.25	1/2	3,630.34	1/2	3,263.43	1/2	2,896.42	1/2	2,529.61
3/4		3/4		3/4	5,089.99	3/4	4,723.40	3/4	4,356.52	3/4	3,989.61	3/4	3,622.69	3/4	3,255.78	3/4	2,888.82	3/4	2,521.96

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD

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



# BARGE "KIRBY 30077"

# 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3008"

GAUGE HEIGHT 17-00"

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	2,514.32	0	2,147.41	0	1,780.50	0	1,413.58	0	1,046.74	0	680.35	0	320.49	0	16.96	0		0	
1/4	2,506.67	1/4	2,139.76	1/4	1,772.85	1/4	1,405.94	1/4	1,038.86	1/4	672.72	1/4	313.39	0		1/4		1/4	
1/2	2,499.03	1/2	2,132.12	1/2	1,765.21	1/2	1,398.29	1/2	1,030.97	1/2	665.08	1/2	306.30	1/2		1/2		1/2	
3/4	2,491.38	3/4	2,124.47	3/4	1,757.56	3/4	1,390.65	3/4	1,023.09	3/4	657.45	3/4	299.20	3/4		3/4		3/4	
1	2,483.74	1	2,116.83	1	1,749.92	1	1,383.01	1	1,015.21	1	649.82	1	292.11	1		1		1	
1/4	2,476.10	1/4	2,109.19	1/4	1,742.27	1/4	1,375.36	1/4	1,007.82	1/4	642.19	1/4	285.01	1/4		1/4		1/4	
1/2	2,468.45	1/2	2,101.54	1/2	1,734.63	1/2	1,367.72	1/2	1,000.44	1/2	634.55	1/2	277.92	1/2		1/2		1/2	
3/4	2,460.81	3/4	2,093.90	3/4	1,726.98	3/4	1,360.07	3/4	993.05	3/4	626.92	3/4	270.82	3/4		3/4		3/4	
2	2,453.17	2	2,086.26	2	1,719.34	2	1,352.43	2	985.67	2	619.29	2	263.73	2		2		2	
1/4	2,445.52	1/4	2,078.61	1/4	1,711.70	1/4	1,344.79	1/4	978.04	1/4	611.65	1/4	256.74	1/4		1/4		1/4	
1/2	2,437.88	1/2	2,070.97	1/2	1,704.05	1/2	1,337.14	1/2	970.40	1/2	604.02	1/2	249.75	1/2		1/2		1/2	
3/4	2,430.23	3/4	2,063.32	3/4	1,696.41	3/4	1,329.50	3/4	962.77	3/4	596.38	3/4	242.76	3/4		3/4		3/4	
3	2,422.59	3	2,055.68	3	1,688.77	3	1,321.86	3	955.14	3	588.75	3	235.77	3		3		3	
1/4	2,414.95	1/4	2,048.03	1/4	1,681.12	1/4	1,314.21	1/4	947.51	1/4	581.12	1/4	228.88	1/4		1/4		1/4	
1/2	2,407.30	1/2	2,040.39	1/2	1,673.48	1/2	1,306.57	1/2	939.87	1/2	573.49	1/2	222.00	1/2		1/2		1/2	
3/4	2,399.66	3/4	2,032.74	3/4	1,665.83	3/4	1,298.92	3/4	932.24	3/4	565.86	3/4	215.11	3/4		3/4		3/4	
4	2,392.02	4	2,025.10	4	1,658.19	4	1,291.28	4	924.61	4	558.23	4	208.23	4		4		4	
1/4	2,384.37	1/4	2,017.46	1/4	1,650.55	1/4	1,283.65	1/4	916.98	1/4	550.59	1/4	201.34	1/4		1/4		1/4	
1/2	2,376.73	1/2	2,009.81	1/2	1,642.90	1/2	1,276.02	1/2	909.34	1/2	542.96	1/2	194.46	1/2		1/2		1/2	
3/4	2,369.08	3/4	2,002.17	3/4	1,635.26	3/4	1,268.39	3/4	901.71	3/4	535.32	3/4	187.57	3/4		3/4		3/4	
5	2,361.44	5	1,994.53	5	1,627.62	5	1,260.76	5	894.08	5	527.69	5	180.69	5		5		5	
1/4	2,353.79	1/4	1,986.88	1/4	1,619.97	1/4	1,253.10	1/4	886.45	1/4	520.12	1/4	173.91	1/4		1/4		1/4	
1/2	2,346.15	1/2	1,979.24	1/2	1,612.33	1/2	1,245.44	1/2	878.81	1/2	512.55	1/2	167.13	1/2		1/2		1/2	
3/4	2,338.50	3/4	1,971.59	3/4	1,604.68	3/4	1,237.79	3/4	871.18	3/4	504.98	3/4	160.35	3/4		3/4		3/4	
6	2,330.86	6	1,963.95	6	1,597.04	6	1,230.13	6	863.55	6	497.41	6	153.57	6		6		6	
1/4	2,323.22	1/4	1,956.31	1/4	1,589.39	1/4	1,222.48	1/4	855.91	1/4	489.90	1/4	146.89	1/4		1/4		1/4	
1/2	2,315.57	1/2	1,948.66	1/2	1,581.75	1/2	1,214.84	1/2	848.28	1/2	482.39	1/2	140.21	1/2		1/2		1/2	
3/4	2,307.93	3/4	1,941.02	3/4	1,574.10	3/4	1,207.19	3/4	840.64	3/4	474.88	3/4	133.54	3/4		3/4		3/4	
7	2,300.29	7	1,933.38	7	1,566.46	7	1,199.55	7	833.01	7	467.37	7	126.86	7		7		7	
1/4	2,292.64	1/4	1,925.75	1/4	1,558.82	1/4	1,191.91	1/4	825.37	1/4	459.86	1/4	120.18	1/4		1/4		1/4	
1/2	2,285.00	1/2	1,918.12	1/2	1,551.17	1/2	1,184.26	1/2	817.73	1/2	452.35	1/2	113.51	1/2		1/2		1/2	
3/4	2,277.35	3/4	1,910.49	3/4	1,543.53	3/4	1,176.62	3/4	810.09	3/4	444.84	3/4	106.83	3/4		3/4		3/4	
8	2,269.71	8	1,902.86	8	1,535.89	8	1,168.98	8	802.45	8	437.33	8	100.16	8		8		8	
1/4	2,262.07	1/4	1,895.20	1/4	1,528.24	1/4	1,161.33	1/4	794.82	1/4	429.94	1/4	93.54	1/4		1/4		1/4	
1/2	2,254.42	1/2	1,887.54	1/2	1,520.60	1/2	1,153.69	1/2	787.20	1/2	422.55	1/2	86.91	1/2		1/2		1/2	
3/4	2,246.78	3/4	1,879.88	3/4	1,512.95	3/4	1,146.04	3/4	779.57	3/4	415.17	3/4	80.29	3/4		3/4		3/4	
9	2,239.14	9	1,872.22	9	1,505.31	9	1,138.40	9	771.95	9	407.78	9	73.67	9		9		9	
1/4	2,231.49	1/4	1,864.63	1/4	1,497.67	1/4	1,130.75	1/4	764.32	1/4	400.46	1/4	67.94	1/4		1/4		1/4	
1/2	2,223.85	1/2	1,857.03	1/2	1,490.02	1/2	1,123.11	1/2	756.68	1/2	393.13	1/2	62.20	1/2		1/2		1/2	
3/4	2,216.20	3/4	1,849.44	3/4	1,482.38	3/4	1,115.46	3/4	749.05	3/4	385.81	3/4	56.47	3/4		3/4		3/4	
10	2,208.56	10	1,841.85	10	1,474.74	10	1,107.82	10	741.42	10	378.49	10	50.74	10		10		10	
1/4	2,200.91	1/4	1,834.15	1/4	1,467.09	1/4	1,100.18	1/4	733.79	1/4	371.19	1/4	45.92	1/4		1/4		1/4	
1/2	2,193.27	1/2	1,826.46	1/2	1,459.45	1/2	1,092.54	1/2	726.15	1/2	363.88	1/2	41.09	1/2		1/2		1/2	
3/4	2,185.62	3/4	1,818.76	3/4	1,451.80	3/4	1,084.91	3/4	718.52	3/4	356.58	3/4	36.27	3/4		3/4		3/4	
11	2,177.98	11	1,811.07	11	1,444.16	11	1,077.27	11	710.89	11	349.28	11	31.45	11		11		11	
1/4	2,170.34	1/4	1,803.43	1/4	1,436.51	1/4	1,069.64	1/4	703.25	1/4	342.08	1/4	27.83	1/4		1/4		1/4	
1/2	2,162.69	1/2	1,795.78	1/2	1,428.87	1/2	1,062.00	1/2	695.62	1/2	334.88	1/2	24.20	1/2		1/2		1/2	
3/4	2,155.05	3/4	1,788.14	3/4	1,421.22	3/4	1,054.37	3/4	687.98	3/4	327.69	3/4	20.58	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2002 INSP  
RECOMPUTED: 02/14/2023 SW  
REPRINTED: 02/14/2023

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2023

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



# BARGE "KIRBY 30077"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3008"

GAUGE HEIGHT 17'-00"

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	5,082.70	0	4,715.75	0	4,348.88	0	3,981.97	0	3,615.05	0	3,248.14	0	2,881.23
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,075.06	1/4	4,708.11	1/4	4,341.23	1/4	3,974.32	1/4	3,607.41	1/4	3,240.50	1/4	2,873.59
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,067.42	1/2	4,700.48	1/2	4,333.59	1/2	3,966.68	1/2	3,599.76	1/2	3,232.85	1/2	2,865.94
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,059.77	3/4	4,692.84	3/4	4,325.94	3/4	3,959.03	3/4	3,592.12	3/4	3,225.21	3/4	2,858.30
1		1		1		1	5,052.13	1	4,685.21	1	4,318.30	1	3,951.39	1	3,584.48	1	3,217.57	1	2,850.66
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,044.49	1/4	4,677.57	1/4	4,310.66	1/4	3,943.74	1/4	3,576.85	1/4	3,209.92	1/4	2,843.01
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,036.84	1/2	4,669.92	1/2	4,303.01	1/2	3,936.10	1/2	3,569.22	1/2	3,202.28	1/2	2,835.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,029.20	3/4	4,662.28	3/4	4,295.37	3/4	3,928.45	3/4	3,561.59	3/4	3,194.63	3/4	2,827.72
2		2		2		2	5,021.55	2	4,654.64	2	4,287.73	2	3,920.81	2	3,553.96	2	3,186.99	2	2,820.08
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,013.91	1/4	4,646.99	1/4	4,280.08	1/4	3,913.17	1/4	3,546.30	1/4	3,179.34	1/4	2,812.43
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,006.26	1/2	4,639.35	1/2	4,272.44	1/2	3,905.52	1/2	3,538.64	1/2	3,171.70	1/2	2,804.79
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,998.62	3/4	4,631.70	3/4	4,264.79	3/4	3,897.88	3/4	3,530.99	3/4	3,164.05	3/4	2,797.14
3		3		3		3	4,990.97	3	4,624.06	3	4,257.15	3	3,890.24	3	3,523.33	3	3,156.41	3	2,789.50
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,983.33	1/4	4,616.42	1/4	4,249.50	1/4	3,882.59	1/4	3,515.68	1/4	3,148.77	1/4	2,781.86
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,975.69	1/2	4,608.77	1/2	4,241.86	1/2	3,874.95	1/2	3,508.04	1/2	3,141.12	1/2	2,774.21
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,968.04	3/4	4,601.13	3/4	4,234.21	3/4	3,867.30	3/4	3,500.39	3/4	3,133.48	3/4	2,766.57
4		4		4		4	4,960.40	4	4,593.49	4	4,226.57	4	3,859.66	4	3,492.75	4	3,125.84	4	2,758.93
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,952.76	1/4	4,585.84	1/4	4,218.93	1/4	3,852.02	1/4	3,485.10	1/4	3,118.19	1/4	2,751.28
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,945.11	1/2	4,578.20	1/2	4,211.28	1/2	3,844.37	1/2	3,477.46	1/2	3,110.55	1/2	2,743.64
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,937.47	3/4	4,570.55	3/4	4,203.64	3/4	3,836.73	3/4	3,469.81	3/4	3,102.90	3/4	2,735.99
5		5		5		5	4,929.82	5	4,562.91	5	4,196.00	5	3,829.09	5	3,462.17	5	3,095.26	5	2,728.35
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,922.18	1/4	4,555.26	1/4	4,188.35	1/4	3,821.44	1/4	3,454.53	1/4	3,087.62	1/4	2,720.71
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,914.54	1/2	4,547.62	1/2	4,180.71	1/2	3,813.80	1/2	3,446.88	1/2	3,079.97	1/2	2,713.06
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,906.89	3/4	4,539.97	3/4	4,173.06	3/4	3,806.15	3/4	3,439.24	3/4	3,072.33	3/4	2,705.42
6		6		6	5,181.88	6	4,899.25	6	4,532.33	6	4,165.42	6	3,798.51	6	3,431.60	6	3,064.69	6	2,697.78
1/4	1/4	1/4	1/4	1/4	5,181.02	1/4	4,891.61	1/4	4,524.69	1/4	4,157.78	1/4	3,790.86	1/4	3,423.95	1/4	3,057.04	1/4	2,690.13
1/2	1/2	1/2	1/2	1/2	5,180.16	1/2	4,883.96	1/2	4,517.04	1/2	4,150.13	1/2	3,783.22	1/2	3,416.31	1/2	3,049.40	1/2	2,682.49
3/4	3/4	3/4	3/4	3/4	5,179.29	3/4	4,876.31	3/4	4,509.40	3/4	4,142.49	3/4	3,775.57	3/4	3,408.66	3/4	3,041.75	3/4	2,674.84
7		7		7	5,178.43	7	4,868.67	7	4,501.76	7	4,134.85	7	3,767.93	7	3,401.02	7	3,034.11	7	2,667.20
1/4	1/4	1/4	1/4	1/4	5,176.35	1/4	4,861.02	1/4	4,494.11	1/4	4,127.20	1/4	3,760.29	1/4	3,393.38	1/4	3,026.47	1/4	2,659.55
1/2	1/2	1/2	1/2	1/2	5,174.27	1/2	4,853.38	1/2	4,486.47	1/2	4,119.56	1/2	3,752.64	1/2	3,385.73	1/2	3,018.82	1/2	2,651.91
3/4	3/4	3/4	3/4	3/4	5,172.19	3/4	4,845.73	3/4	4,478.82	3/4	4,111.91	3/4	3,745.00	3/4	3,378.09	3/4	3,011.18	3/4	2,644.26
8		8		8	5,170.11	8	4,838.09	8	4,471.18	8	4,104.27	8	3,737.36	8	3,370.45	8	3,003.54	8	2,636.62
1/4	1/4	1/4	1/4	1/4	5,166.65	1/4	4,830.45	1/4	4,463.54	1/4	4,096.62	1/4	3,729.71	1/4	3,362.80	1/4	2,995.89	1/4	2,628.98
1/2	1/2	1/2	1/2	1/2	5,163.18	1/2	4,822.80	1/2	4,455.89	1/2	4,088.98	1/2	3,722.07	1/2	3,355.16	1/2	2,988.25	1/2	2,621.33
3/4	3/4	3/4	3/4	3/4	5,159.72	3/4	4,815.16	3/4	4,448.25	3/4	4,081.33	3/4	3,714.42	3/4	3,347.51	3/4	2,980.60	3/4	2,613.69
9		9		9	5,156.25	9	4,807.52	9	4,440.61	9	4,073.69	9	3,706.78	9	3,339.87	9	2,972.96	9	2,606.05
1/4	1/4	1/4	1/4	1/4	5,151.40	1/4	4,799.87	1/4	4,432.96	1/4	4,066.05	1/4	3,699.14	1/4	3,332.22	1/4	2,965.31	1/4	2,598.40
1/2	1/2	1/2	1/2	1/2	5,146.55	1/2	4,792.23	1/2	4,425.32	1/2	4,058.40	1/2	3,691.49	1/2	3,324.58	1/2	2,957.67	1/2	2,590.76
3/4	3/4	3/4	3/4	3/4	5,141.69	3/4	4,784.58	3/4	4,417.67	3/4	4,050.76	3/4	3,683.85	3/4	3,316.93	3/4	2,950.02	3/4	2,583.11
10		10		10	5,136.84	10	4,776.94	10	4,410.03	10	4,043.12	10	3,676.21	10	3,309.29	10	2,942.38	10	2,575.47
1/4	1/4	1/4	1/4	1/4	5,130.60	1/4	4,769.30	1/4	4,402.38	1/4	4,035.47	1/4	3,668.56	1/4	3,301.65	1/4	2,934.69	1/4	2,567.83
1/2	1/2	1/2	1/2	1/2	5,124.36	1/2	4,761.65	1/2	4,394.74	1/2	4,027.83	1/2	3,660.92	1/2	3,294.00	1/2	2,926.99	1/2	2,560.18
3/4	3/4	3/4	3/4	3/4	5,118.11	3/4	4,754.01	3/4	4,387.09	3/4	4,020.18	3/4	3,653.27	3/4	3,286.36	3/4	2,919.30	3/4	2,552.54
11		11		11	5,111.87	11	4,746.37	11	4,379.45	11	4,012.54	11	3,645.63	11	3,278.72	11	2,911.61	11	2,544.90
1/4	1/4	1/4	1/4	1/4	5,104.58	1/4	4,738.71	1/4	4,371.81	1/4	4,004.90	1/4	3,637.98	1/4	3,271.07	1/4	2,904.01	1/4	2,537.25
1/2	1/2	1/2	1/2	1/2	5,097.29	1/2	4,731.06	1/2	4,364.16	1/2	3,997.25	1/2	3,630.34	1/2	3,263.43	1/2	2,896.42	1/2	2,529.61
3/4	3/4	3/4	3/4	3/4	5,089.99	3/4	4,723.40	3/4	4,356.52	3/4	3,989.61	3/4	3,622.69	3/4	3,255.78	3/4	2,888.82	3/4	2,521.96

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD

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



# BARGE "KIRBY 30077"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3008"

GAUGE HEIGHT 17'-00"

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	2,514.32	0	2,147.41	0	1,780.50	0	1,413.58	0	1,046.74	0	680.35	0	320.49	0	16.96	0		0	
1/4	2,506.67	1/4	2,139.76	1/4	1,772.85	1/4	1,405.94	1/4	1,038.86	1/4	672.72	1/4	313.39	0		1/4		1/4	
1/2	2,499.03	1/2	2,132.12	1/2	1,765.21	1/2	1,398.29	1/2	1,030.97	1/2	665.08	1/2	306.30	1/2		1/2		1/2	
3/4	2,491.38	3/4	2,124.47	3/4	1,757.56	3/4	1,390.65	3/4	1,023.09	3/4	657.45	3/4	299.20	3/4		3/4		3/4	
1	2,483.74	1	2,116.83	1	1,749.92	1	1,383.01	1	1,015.21	1	649.82	1	292.11	1	1	1		1	
1/4	2,476.10	1/4	2,109.19	1/4	1,742.27	1/4	1,375.36	1/4	1,007.82	1/4	642.19	1/4	285.01	1/4		1/4		1/4	
1/2	2,468.45	1/2	2,101.54	1/2	1,734.63	1/2	1,367.72	1/2	1,000.44	1/2	634.55	1/2	277.92	1/2		1/2		1/2	
3/4	2,460.81	3/4	2,093.90	3/4	1,726.98	3/4	1,360.07	3/4	993.05	3/4	626.92	3/4	270.82	3/4		3/4		3/4	
2	2,453.17	2	2,086.26	2	1,719.34	2	1,352.43	2	985.67	2	619.29	2	263.73	2	2	2		2	
1/4	2,445.52	1/4	2,078.61	1/4	1,711.70	1/4	1,344.79	1/4	978.04	1/4	611.65	1/4	256.74	1/4		1/4		1/4	
1/2	2,437.88	1/2	2,070.97	1/2	1,704.05	1/2	1,337.14	1/2	970.40	1/2	604.02	1/2	249.75	1/2		1/2		1/2	
3/4	2,430.23	3/4	2,063.32	3/4	1,696.41	3/4	1,329.50	3/4	962.77	3/4	596.38	3/4	242.76	3/4		3/4		3/4	
3	2,422.59	3	2,055.68	3	1,688.77	3	1,321.86	3	955.14	3	588.75	3	235.77	3	3	3		3	
1/4	2,414.95	1/4	2,048.03	1/4	1,681.12	1/4	1,314.21	1/4	947.51	1/4	581.12	1/4	228.88	1/4		1/4		1/4	
1/2	2,407.30	1/2	2,040.39	1/2	1,673.48	1/2	1,306.57	1/2	939.87	1/2	573.49	1/2	222.00	1/2		1/2		1/2	
3/4	2,399.66	3/4	2,032.74	3/4	1,665.83	3/4	1,298.92	3/4	932.24	3/4	565.86	3/4	215.11	3/4		3/4		3/4	
4	2,392.02	4	2,025.10	4	1,658.19	4	1,291.28	4	924.61	4	558.23	4	208.23	4	4	4		4	
1/4	2,384.37	1/4	2,017.46	1/4	1,650.55	1/4	1,283.65	1/4	916.98	1/4	550.59	1/4	201.34	1/4		1/4		1/4	
1/2	2,376.73	1/2	2,009.81	1/2	1,642.90	1/2	1,276.02	1/2	909.34	1/2	542.96	1/2	194.46	1/2		1/2		1/2	
3/4	2,369.08	3/4	2,002.17	3/4	1,635.26	3/4	1,268.39	3/4	901.71	3/4	535.32	3/4	187.57	3/4		3/4		3/4	
5	2,361.44	5	1,994.53	5	1,627.62	5	1,260.76	5	894.08	5	527.69	5	180.69	5	5	5		5	
1/4	2,353.79	1/4	1,986.88	1/4	1,619.97	1/4	1,253.10	1/4	886.45	1/4	520.12	1/4	173.91	1/4		1/4		1/4	
1/2	2,346.15	1/2	1,979.24	1/2	1,612.33	1/2	1,245.44	1/2	878.81	1/2	512.55	1/2	167.13	1/2		1/2		1/2	
3/4	2,338.50	3/4	1,971.59	3/4	1,604.68	3/4	1,237.79	3/4	871.18	3/4	504.98	3/4	160.35	3/4		3/4		3/4	
6	2,330.86	6	1,963.95	6	1,597.04	6	1,230.13	6	863.55	6	497.41	6	153.57	6	6	6		6	
1/4	2,323.22	1/4	1,956.31	1/4	1,589.39	1/4	1,222.48	1/4	855.91	1/4	489.90	1/4	146.89	1/4		1/4		1/4	
1/2	2,315.57	1/2	1,948.66	1/2	1,581.75	1/2	1,214.84	1/2	848.28	1/2	482.39	1/2	140.21	1/2		1/2		1/2	
3/4	2,307.93	3/4	1,941.02	3/4	1,574.10	3/4	1,207.19	3/4	840.64	3/4	474.88	3/4	133.54	3/4		3/4		3/4	
7	2,300.29	7	1,933.38	7	1,566.46	7	1,199.55	7	833.01	7	467.37	7	126.86	7	7	7		7	
1/4	2,292.64	1/4	1,925.75	1/4	1,558.82	1/4	1,191.91	1/4	825.37	1/4	459.86	1/4	120.18	1/4		1/4		1/4	
1/2	2,285.00	1/2	1,918.12	1/2	1,551.17	1/2	1,184.26	1/2	817.73	1/2	452.35	1/2	113.51	1/2		1/2		1/2	
3/4	2,277.35	3/4	1,910.49	3/4	1,543.53	3/4	1,176.62	3/4	810.09	3/4	444.84	3/4	106.83	3/4		3/4		3/4	
8	2,269.71	8	1,902.86	8	1,535.89	8	1,168.98	8	802.45	8	437.33	8	100.16	8	8	8		8	
1/4	2,262.07	1/4	1,895.20	1/4	1,528.24	1/4	1,161.33	1/4	794.82	1/4	429.94	1/4	93.54	1/4		1/4		1/4	
1/2	2,254.42	1/2	1,887.54	1/2	1,520.60	1/2	1,153.69	1/2	787.20	1/2	422.55	1/2	86.91	1/2		1/2		1/2	
3/4	2,246.78	3/4	1,879.88	3/4	1,512.95	3/4	1,146.04	3/4	779.57	3/4	415.17	3/4	80.29	3/4		3/4		3/4	
9	2,239.14	9	1,872.22	9	1,505.31	9	1,138.40	9	771.95	9	407.78	9	73.67	9	9	9		9	
1/4	2,231.49	1/4	1,864.63	1/4	1,497.67	1/4	1,130.75	1/4	764.32	1/4	400.46	1/4	67.94	1/4		1/4		1/4	
1/2	2,223.85	1/2	1,857.03	1/2	1,490.02	1/2	1,123.11	1/2	756.68	1/2	393.13	1/2	62.20	1/2		1/2		1/2	
3/4	2,216.20	3/4	1,849.44	3/4	1,482.38	3/4	1,115.46	3/4	749.05	3/4	385.81	3/4	56.47	3/4		3/4		3/4	
10	2,208.56	10	1,841.85	10	1,474.74	10	1,107.82	10	741.42	10	378.49	10	50.74	10	10	10		10	
1/4	2,200.91	1/4	1,834.15	1/4	1,467.09	1/4	1,100.18	1/4	733.79	1/4	371.19	1/4	45.92	1/4		1/4		1/4	
1/2	2,193.27	1/2	1,826.46	1/2	1,459.45	1/2	1,092.54	1/2	726.15	1/2	363.88	1/2	41.09	1/2		1/2		1/2	
3/4	2,185.62	3/4	1,818.76	3/4	1,451.80	3/4	1,084.91	3/4	718.52	3/4	356.58	3/4	36.27	3/4		3/4		3/4	
11	2,177.98	11	1,811.07	11	1,444.16	11	1,077.27	11	710.89	11	349.28	11	31.45	11	11	11		11	
1/4	2,170.34	1/4	1,803.43	1/4	1,436.51	1/4	1,069.64	1/4	703.25	1/4	342.08	1/4	27.83	1/4		1/4		1/4	
1/2	2,162.69	1/2	1,795.78	1/2	1,428.87	1/2	1,062.00	1/2	695.62	1/2	334.88	1/2	24.20	1/2		1/2		1/2	
3/4	2,155.05	3/4	1,788.14	3/4	1,421.22	3/4	1,054.37	3/4	687.98	3/4	327.69	3/4	20.58	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2002 INSP  
RECOMPUTED: 02/14/2023 SW  
REPRINTED: 02/14/2023

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2023

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



# BARGE "KIRBY 30077"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3008"

GAUGE HEIGHT 16-11 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0		
							4,785.46		4,441.49		4,097.52		3,753.55		3,409.59		3,065.62		2,721.65		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,778.29	1/4	4,434.32	1/4	4,090.35	1/4	3,746.38	1/4	3,402.42	1/4	3,058.45	1/4	2,714.48		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,771.12	1/2	4,427.16	1/2	4,083.19	1/2	3,739.22	1/2	3,395.25	1/2	3,051.28	1/2	2,707.32		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,763.96	3/4	4,419.99	3/4	4,076.02	3/4	3,732.05	3/4	3,388.09	3/4	3,044.12	3/4	2,700.15		
<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>4,756.79</b>	<b>1</b>	<b>4,412.83</b>	<b>1</b>	<b>4,068.86</b>	<b>1</b>	<b>3,724.89</b>	<b>1</b>	<b>3,380.92</b>	<b>1</b>	<b>3,036.95</b>	<b>1</b>	<b>2,692.99</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,749.62	1/4	4,405.66	1/4	4,061.69	1/4	3,717.72	1/4	3,373.75	1/4	3,029.78	1/4	2,685.82		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,742.46	1/2	4,398.49	1/2	4,054.52	1/2	3,710.56	1/2	3,366.59	1/2	3,022.62	1/2	2,678.65		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,735.29	3/4	4,391.33	3/4	4,047.36	3/4	3,703.39	3/4	3,359.42	3/4	3,015.45	3/4	2,671.49		
<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>4,728.13</b>	<b>2</b>	<b>4,384.16</b>	<b>2</b>	<b>4,040.19</b>	<b>2</b>	<b>3,696.23</b>	<b>2</b>	<b>3,352.26</b>	<b>2</b>	<b>3,008.29</b>	<b>2</b>	<b>2,664.32</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,720.96	1/4	4,376.99	1/4	4,033.02	1/4	3,689.06	1/4	3,345.09	1/4	3,001.12	1/4	2,657.15		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,713.80	1/2	4,369.83	1/2	4,025.86	1/2	3,681.89	1/2	3,337.92	1/2	2,993.96	1/2	2,649.99		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,706.63	3/4	4,362.66	3/4	4,018.69	3/4	3,674.73	3/4	3,330.76	3/4	2,986.79	3/4	2,642.82		
<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>4,699.47</b>	<b>3</b>	<b>4,355.50</b>	<b>3</b>	<b>4,011.53</b>	<b>3</b>	<b>3,667.56</b>	<b>3</b>	<b>3,323.59</b>	<b>3</b>	<b>2,979.63</b>	<b>3</b>	<b>2,635.66</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,692.30	1/4	4,348.33	1/4	4,004.36	1/4	3,660.39	1/4	3,316.42	1/4	2,972.46	1/4	2,628.49		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,685.13	1/2	4,341.16	1/2	3,997.20	1/2	3,653.23	1/2	3,309.26	1/2	2,965.29	1/2	2,621.32		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,677.97	3/4	4,334.00	3/4	3,990.03	3/4	3,646.06	3/4	3,302.09	3/4	2,958.13	3/4	2,614.16		
<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4,670.80</b>	<b>4</b>	<b>4,326.83</b>	<b>4</b>	<b>3,982.87</b>	<b>4</b>	<b>3,638.90</b>	<b>4</b>	<b>3,294.93</b>	<b>4</b>	<b>2,950.96</b>	<b>4</b>	<b>2,606.99</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,663.63	1/4	4,319.66	1/4	3,975.70	1/4	3,631.73	1/4	3,287.76	1/4	2,943.79	1/4	2,599.82		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,656.47	1/2	4,312.50	1/2	3,968.53	1/2	3,624.56	1/2	3,280.60	1/2	2,936.63	1/2	2,592.66		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,649.30	3/4	4,305.33	3/4	3,961.37	3/4	3,617.40	3/4	3,273.43	3/4	2,929.46	3/4	2,585.49		
<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>4,642.14</b>	<b>5</b>	<b>4,298.17</b>	<b>5</b>	<b>3,954.20</b>	<b>5</b>	<b>3,610.23</b>	<b>5</b>	<b>3,266.27</b>	<b>5</b>	<b>2,922.30</b>	<b>5</b>	<b>2,578.33</b>		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	<b>4,900.00</b>	1/4	4,634.97	1/4	4,291.00	1/4	3,947.03	1/4	3,603.06	1/4	3,259.10	1/4	2,915.13	1/4	2,571.16
1/2	1/2	1/2	1/2	1/2	1/2	1/2	<b>4,898.94</b>	1/2	4,627.80	1/2	4,283.84	1/2	3,939.87	1/2	3,595.90	1/2	3,251.93	1/2	2,907.96	1/2	2,564.00
3/4	3/4	3/4	3/4	3/4	3/4	3/4	<b>4,897.89</b>	3/4	4,620.64	3/4	4,276.67	3/4	3,932.70	3/4	3,588.73	3/4	3,244.77	3/4	2,900.80	3/4	2,556.83
<b>6</b>	<b>6</b>	<b>6</b>	<b>4,896.83</b>	<b>6</b>	<b>4,613.47</b>	<b>6</b>	<b>4,269.51</b>	<b>6</b>	<b>3,925.54</b>	<b>6</b>	<b>3,581.57</b>	<b>6</b>	<b>3,237.60</b>	<b>6</b>	<b>2,893.63</b>	<b>6</b>	<b>2,549.67</b>	<b>6</b>	<b>2,549.67</b>		
1/4	1/4	1/4	4,896.83	1/4	4,606.30	1/4	4,262.34	1/4	3,918.37	1/4	3,574.40	1/4	3,230.43	1/4	2,886.46	1/4	2,542.50	1/4	2,542.50		
1/2	1/2	1/2	4,894.07	1/2	4,599.14	1/2	4,255.15	1/2	3,911.20	1/2	3,567.24	1/2	3,223.27	1/2	2,879.30	1/2	2,535.33	1/2	2,535.33		
3/4	3/4	3/4	4,892.38	3/4	4,591.97	3/4	4,247.96	3/4	3,904.04	3/4	3,560.07	3/4	3,216.10	3/4	2,872.13	3/4	2,528.17	3/4	2,528.17		
<b>7</b>	<b>7</b>	<b>7</b>	<b>4,890.68</b>	<b>7</b>	<b>4,584.81</b>	<b>7</b>	<b>4,240.76</b>	<b>7</b>	<b>3,896.87</b>	<b>7</b>	<b>3,552.91</b>	<b>7</b>	<b>3,208.94</b>	<b>7</b>	<b>2,864.97</b>	<b>7</b>	<b>2,521.00</b>	<b>7</b>	<b>2,521.00</b>		
1/4	1/4	1/4	4,888.98	1/4	4,577.64	1/4	4,233.57	1/4	3,889.70	1/4	3,545.74	1/4	3,201.77	1/4	2,857.80	1/4	2,513.83	1/4	2,513.83		
1/2	1/2	1/2	4,885.73	1/2	4,570.48	1/2	4,226.43	1/2	3,882.54	1/2	3,538.57	1/2	3,194.60	1/2	2,850.64	1/2	2,506.67	1/2	2,506.67		
3/4	3/4	3/4	4,882.48	3/4	4,563.31	3/4	4,219.29	3/4	3,875.37	3/4	3,531.41	3/4	3,187.44	3/4	2,843.47	3/4	2,499.50	3/4	2,499.50		
<b>8</b>	<b>8</b>	<b>8</b>	<b>4,879.23</b>	<b>8</b>	<b>4,556.15</b>	<b>8</b>	<b>4,212.15</b>	<b>8</b>	<b>3,868.21</b>	<b>8</b>	<b>3,524.24</b>	<b>8</b>	<b>3,180.27</b>	<b>8</b>	<b>2,836.31</b>	<b>8</b>	<b>2,492.34</b>	<b>8</b>	<b>2,492.34</b>		
1/4	1/4	1/4	4,875.98	1/4	4,548.98	1/4	4,205.01	1/4	3,861.04	1/4	3,517.07	1/4	3,173.10	1/4	2,829.14	1/4	2,485.17	1/4	2,485.17		
1/2	1/2	1/2	4,871.42	1/2	4,541.81	1/2	4,197.84	1/2	3,853.88	1/2	3,509.91	1/2	3,165.94	1/2	2,821.97	1/2	2,478.00	1/2	2,478.00		
3/4	3/4	3/4	4,866.87	3/4	4,534.65	3/4	4,190.68	3/4	3,846.71	3/4	3,502.74	3/4	3,158.77	3/4	2,814.81	3/4	2,470.84	3/4	2,470.84		
<b>9</b>	<b>9</b>	<b>9</b>	<b>4,862.31</b>	<b>9</b>	<b>4,527.48</b>	<b>9</b>	<b>4,183.51</b>	<b>9</b>	<b>3,839.55</b>	<b>9</b>	<b>3,495.58</b>	<b>9</b>	<b>3,151.61</b>	<b>9</b>	<b>2,807.64</b>	<b>9</b>	<b>2,463.67</b>	<b>9</b>	<b>2,463.67</b>		
1/4	1/4	1/4	4,857.75	1/4	4,520.31	1/4	4,176.34	1/4	3,832.38	1/4	3,488.41	1/4	3,144.44	1/4	2,800.47	1/4	2,456.50	1/4	2,456.50		
1/2	1/2	1/2	4,851.89	1/2	4,513.15	1/2	4,169.18	1/2	3,825.21	1/2	3,481.24	1/2	3,137.28	1/2	2,793.31	1/2	2,449.34	1/2	2,449.34		
3/4	3/4	3/4	4,846.03	3/4	4,505.98	3/4	4,162.01	3/4	3,818.05	3/4	3,474.08	3/4	3,130.11	3/4	2,786.14	3/4	2,442.17	3/4	2,442.17		
<b>10</b>	<b>10</b>	<b>10</b>	<b>4,840.17</b>	<b>10</b>	<b>4,498.82</b>	<b>10</b>	<b>4,154.85</b>	<b>10</b>	<b>3,810.88</b>	<b>10</b>	<b>3,466.91</b>	<b>10</b>	<b>3,122.95</b>	<b>10</b>	<b>2,778.98</b>	<b>10</b>	<b>2,435.01</b>	<b>10</b>	<b>2,435.01</b>		
1/4	1/4	1/4	4,834.31	1/4	4,491.65	1/4	4,147.68	1/4	3,803.71	1/4	3,459.74	1/4	3,115.78	1/4	2,771.81	1/4	2,427.84	1/4	2,427.84		
1/2	1/2	1/2	4,827.47	1/2	4,484.48	1/2	4,140.52	1/2	3,796.55	1/2	3,452.58	1/2	3,108.61	1/2	2,764.64	1/2	2,420.68	1/2	2,420.68		
3/4	3/4	3/4	4,820.63	3/4	4,477.32	3/4	4,133.35	3/4	3,789.38	3/4	3,445.41	3/4	3,101.45	3/4	2,757.48	3/4	2,413.51	3/4	2,413.51		
<b>11</b>	<b>11</b>	<b>11</b>	<b>4,813.79</b>	<b>11</b>	<b>4,470.15</b>	<b>11</b>	<b>4,126.19</b>	<b>11</b>	<b>3,782.22</b>	<b>11</b>	<b>3,438.25</b>	<b>11</b>	<b>3,094.28</b>	<b>11</b>	<b>2,750.31</b>	<b>11</b>	<b>2,406.35</b>	<b>11</b>	<b>2,406.35</b>		
1/4	1/4	1/4	4,806.95	1/4	4,462.98	1/4	4,119.02	1/4	3,775.05	1/4	3,431.08	1/4	3,087.11	1/4	2,743.14	1/4	2,399.18	1/4	2,399.18		
1/2	1/2	1/2	4,799.79	1/2	4,455.82	1/2	4,111.85	1/2	3,767.88	1/2	3,423.92	1/2	3,079.95	1/2	2,735.98	1/2	2,392.01	1/2	2,392.01		
3/4	3/4	3/4	4,792.62	3/4	4,448.65	3/4	4,104.69	3/4	3,760.72	3/4	3,416.75	3/4	3,072.78	3/4	2,728.81	3/4	2,384.85	3/4	2,384.85		

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 41'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588  
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# BARGE "KIRBY 30077"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3008"

GAUGE HEIGHT 16-11 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	2,377.68	0	2,033.71	0	1,689.75	0	1,345.78	0	1,002.46	0	659.58	0	315.61	0		0		0	
1/4	2,370.51	1/4	2,026.54	1/4	1,682.58	1/4	1,338.61	1/4	995.32	1/4	652.41	1/4	308.44	1/4	1/4		1/4		1/4
1/2	2,363.35	1/2	2,019.37	1/2	1,675.41	1/2	1,331.44	1/2	988.19	1/2	645.24	1/2	301.28	1/2	1/2		1/2		1/2
3/4	2,356.18	3/4	2,012.20	3/4	1,668.25	3/4	1,324.28	3/4	981.05	3/4	638.08	3/4	294.11	3/4	3/4		3/4		3/4
1	2,349.02	1	2,005.03	1	1,661.08	1	1,317.11	1	973.92	1	630.91	1	286.95	1	1		1		1
1/4	2,341.85	1/4	1,997.86	1/4	1,653.91	1/4	1,309.94	1/4	966.78	1/4	623.74	1/4	279.78	1/4	1/4		1/4		1/4
1/2	2,334.68	1/2	1,990.70	1/2	1,646.75	1/2	1,302.78	1/2	959.65	1/2	616.58	1/2	272.61	1/2	1/2		1/2		1/2
3/4	2,327.52	3/4	1,983.54	3/4	1,639.58	3/4	1,295.61	3/4	952.51	3/4	609.41	3/4	265.45	3/4	3/4		3/4		3/4
2	2,320.35	2	1,976.38	2	1,632.42	2	1,288.45	2	945.38	2	602.25	2	258.28	2	2		2		2
1/4	2,313.18	1/4	1,969.22	1/4	1,625.25	1/4	1,281.28	1/4	938.24	1/4	595.08	1/4	251.11	1/4	1/4		1/4		1/4
1/2	2,306.02	1/2	1,962.05	1/2	1,618.08	1/2	1,274.12	1/2	931.11	1/2	587.92	1/2	243.95	1/2	1/2		1/2		1/2
3/4	2,298.85	3/4	1,954.89	3/4	1,610.92	3/4	1,266.95	3/4	923.97	3/4	580.75	3/4	236.78	3/4	3/4		3/4		3/4
3	2,291.69	3	1,947.72	3	1,603.75	3	1,259.79	3	916.84	3	573.59	3	229.62	3	3		3		3
1/4	2,284.52	1/4	1,940.55	1/4	1,596.58	1/4	1,252.62	1/4	909.70	1/4	566.42	1/4	222.45	1/4	1/4		1/4		1/4
1/2	2,277.36	1/2	1,933.39	1/2	1,589.42	1/2	1,245.45	1/2	902.57	1/2	559.25	1/2	215.28	1/2	1/2		1/2		1/2
3/4	2,270.19	3/4	1,926.22	3/4	1,582.25	3/4	1,238.29	3/4	895.43	3/4	552.09	3/4	208.12	3/4	3/4		3/4		3/4
4	2,263.03	4	1,919.06	4	1,575.09	4	1,231.12	4	888.30	4	544.92	4	200.95	4	4		4		4
1/4	2,255.86	1/4	1,911.89	1/4	1,567.92	1/4	1,223.95	1/4	881.16	1/4	537.75	1/4	193.78	1/4	1/4		1/4		1/4
1/2	2,248.69	1/2	1,904.72	1/2	1,560.75	1/2	1,216.79	1/2	874.03	1/2	530.59	1/2	186.62	1/2	1/2		1/2		1/2
3/4	2,241.53	3/4	1,897.56	3/4	1,553.59	3/4	1,209.62	3/4	866.89	3/4	523.42	3/4	179.45	3/4	3/4		3/4		3/4
5	2,234.36	5	1,890.39	5	1,546.42	5	1,202.46	5	859.76	5	516.26	5	172.29	5	5		5		5
1/4	2,227.19	1/4	1,883.22	1/4	1,539.25	1/4	1,195.29	1/4	852.62	1/4	509.09	1/4	165.12	1/4	1/4		1/4		1/4
1/2	2,220.03	1/2	1,876.06	1/2	1,532.09	1/2	1,188.12	1/2	845.49	1/2	501.92	1/2	157.96	1/2	1/2		1/2		1/2
3/4	2,212.86	3/4	1,868.89	3/4	1,524.92	3/4	1,180.96	3/4	838.35	3/4	494.76	3/4	150.79	3/4	3/4		3/4		3/4
6	2,205.70	6	1,861.73	6	1,517.76	6	1,173.79	6	831.22	6	487.59	6	143.63	6	6		6		6
1/4	2,198.53	1/4	1,854.56	1/4	1,510.59	1/4	1,166.62	1/4	824.08	1/4	480.42	1/4	136.46	1/4	1/4		1/4		1/4
1/2	2,191.36	1/2	1,847.40	1/2	1,503.43	1/2	1,159.47	1/2	816.95	1/2	473.26	1/2	129.29	1/2	1/2		1/2		1/2
3/4	2,184.20	3/4	1,840.23	3/4	1,496.26	3/4	1,152.32	3/4	809.81	3/4	466.09	3/4	122.13	3/4	3/4		3/4		3/4
7	2,177.03	7	1,833.07	7	1,489.10	7	1,145.17	7	802.68	7	458.93	7	114.96	7	7		7		7
1/4	2,169.86	1/4	1,825.90	1/4	1,481.93	1/4	1,138.02	1/4	795.54	1/4	451.76	1/4	107.79	1/4	1/4		1/4		1/4
1/2	2,162.70	1/2	1,818.73	1/2	1,474.76	1/2	1,130.89	1/2	788.41	1/2	444.60	1/2	100.63	1/2	1/2		1/2		1/2
3/4	2,155.53	3/4	1,811.57	3/4	1,467.60	3/4	1,123.75	3/4	781.27	3/4	437.43	3/4	93.46	3/4	3/4		3/4		3/4
8	2,148.37	8	1,804.40	8	1,460.43	8	1,116.62	8	774.14	8	430.27	8	86.30	8	8		8		8
1/4	2,141.20	1/4	1,797.23	1/4	1,453.26	1/4	1,109.48	1/4	767.00	1/4	423.10	1/4	79.13	1/4	1/4		1/4		1/4
1/2	2,134.04	1/2	1,790.07	1/2	1,446.10	1/2	1,102.35	1/2	759.85	1/2	415.93	1/2	72.78	1/2	1/2		1/2		1/2
3/4	2,126.87	3/4	1,782.90	3/4	1,438.93	3/4	1,095.21	3/4	752.70	3/4	408.77	3/4	66.43	3/4	3/4		3/4		3/4
9	2,119.71	9	1,775.74	9	1,431.77	9	1,088.08	9	745.55	9	401.60	9	60.08	9	9		9		9
1/4	2,112.54	1/4	1,768.57	1/4	1,424.60	1/4	1,080.94	1/4	738.40	1/4	394.43	1/4	53.73	1/4	1/4		1/4		1/4
1/2	2,105.37	1/2	1,761.40	1/2	1,417.44	1/2	1,073.81	1/2	731.24	1/2	387.27	1/2	48.52	1/2	1/2		1/2		1/2
3/4	2,098.21	3/4	1,754.24	3/4	1,410.27	3/4	1,066.67	3/4	724.07	3/4	380.10	3/4	43.31	3/4	3/4		3/4		3/4
10	2,091.04	10	1,747.07	10	1,403.11	10	1,059.54	10	716.91	10	372.94	10	38.10	10	10		10		10
1/4	2,083.87	1/4	1,739.90	1/4	1,395.94	1/4	1,052.40	1/4	709.74	1/4	365.77	1/4	32.89	1/4	1/4		1/4		1/4
1/2	2,076.71	1/2	1,732.74	1/2	1,388.77	1/2	1,045.27	1/2	702.57	1/2	358.60	1/2	28.99	1/2	1/2		1/2		1/2
3/4	2,069.54	3/4	1,725.57	3/4	1,381.61	3/4	1,038.13	3/4	695.41	3/4	351.44	3/4	25.09	3/4	3/4		3/4		3/4
11	2,062.38	11	1,718.41	11	1,374.44	11	1,031.00	11	688.24	11	344.27	11	21.18	11	11		11		11
1/4	2,055.21	1/4	1,711.24	1/4	1,367.27	1/4	1,023.86	1/4	681.07	1/4	337.10	1/4	17.28	1/4	1/4		1/4		1/4
1/2	2,048.04	1/2	1,704.08	1/2	1,360.11	1/2	1,016.73	1/2	673.91	1/2	329.94	1/2		1/2	1/2		1/2		1/2
3/4	2,040.88	3/4	1,696.91	3/4	1,352.94	3/4	1,009.59	3/4	666.74	3/4	322.77	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2002 INSP  
RECOMPUTED: 02/14/2023 SW  
REPRINTED: 02/14/2023

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2023

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







# BARGE "KIRBY 30077"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3008"

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	2,384.85	0	2,040.88	0	1,696.91	0	1,352.94	0	1,009.59	0	666.74	0	322.77	0		0		0	
1/4	2,377.68	1/4	2,033.71	1/4	1,689.75	1/4	1,345.78	1/4	1,002.46	1/4	659.58	1/4	315.61	1/4	1/4		1/4		1/4
1/2	2,370.51	1/2	2,026.54	1/2	1,682.58	1/2	1,338.61	1/2	995.32	1/2	652.41	1/2	308.44	1/2	1/2		1/2		1/2
3/4	2,363.35	3/4	2,019.37	3/4	1,675.41	3/4	1,331.44	3/4	988.19	3/4	645.24	3/4	301.28	3/4	3/4		3/4		3/4
1	2,356.18	1	2,012.20	1	1,668.25	1	1,324.28	1	981.05	1	638.08	1	294.11	1	1		1		1
1/4	2,349.02	1/4	2,005.03	1/4	1,661.08	1/4	1,317.11	1/4	973.92	1/4	630.91	1/4	286.95	1/4	1/4		1/4		1/4
1/2	2,341.85	1/2	1,997.86	1/2	1,653.91	1/2	1,309.94	1/2	966.78	1/2	623.74	1/2	279.78	1/2	1/2		1/2		1/2
3/4	2,334.68	3/4	1,990.70	3/4	1,646.75	3/4	1,302.78	3/4	959.65	3/4	616.58	3/4	272.61	3/4	3/4		3/4		3/4
2	2,327.52	2	1,983.54	2	1,639.58	2	1,295.61	2	952.51	2	609.41	2	265.45	2	2		2		2
1/4	2,320.35	1/4	1,976.38	1/4	1,632.42	1/4	1,288.45	1/4	945.38	1/4	602.25	1/4	258.28	1/4	1/4		1/4		1/4
1/2	2,313.18	1/2	1,969.22	1/2	1,625.25	1/2	1,281.28	1/2	938.24	1/2	595.08	1/2	251.11	1/2	1/2		1/2		1/2
3/4	2,306.02	3/4	1,962.05	3/4	1,618.08	3/4	1,274.12	3/4	931.11	3/4	587.92	3/4	243.95	3/4	3/4		3/4		3/4
3	2,298.85	3	1,954.89	3	1,610.92	3	1,266.95	3	923.97	3	580.75	3	236.78	3	3		3		3
1/4	2,291.69	1/4	1,947.72	1/4	1,603.75	1/4	1,259.79	1/4	916.84	1/4	573.59	1/4	229.62	1/4	1/4		1/4		1/4
1/2	2,284.52	1/2	1,940.55	1/2	1,596.58	1/2	1,252.62	1/2	909.70	1/2	566.42	1/2	222.45	1/2	1/2		1/2		1/2
3/4	2,277.36	3/4	1,933.39	3/4	1,589.42	3/4	1,245.45	3/4	902.57	3/4	559.25	3/4	215.28	3/4	3/4		3/4		3/4
4	2,270.19	4	1,926.22	4	1,582.25	4	1,238.29	4	895.43	4	552.09	4	208.12	4	4		4		4
1/4	2,263.03	1/4	1,919.06	1/4	1,575.09	1/4	1,231.12	1/4	888.30	1/4	544.92	1/4	200.95	1/4	1/4		1/4		1/4
1/2	2,255.86	1/2	1,911.89	1/2	1,567.92	1/2	1,223.95	1/2	881.16	1/2	537.75	1/2	193.78	1/2	1/2		1/2		1/2
3/4	2,248.69	3/4	1,904.72	3/4	1,560.75	3/4	1,216.79	3/4	874.03	3/4	530.59	3/4	186.62	3/4	3/4		3/4		3/4
5	2,241.53	5	1,897.56	5	1,553.59	5	1,209.62	5	866.89	5	523.42	5	179.45	5	5		5		5
1/4	2,234.36	1/4	1,890.39	1/4	1,546.42	1/4	1,202.46	1/4	859.76	1/4	516.26	1/4	172.29	1/4	1/4		1/4		1/4
1/2	2,227.19	1/2	1,883.22	1/2	1,539.25	1/2	1,195.29	1/2	852.62	1/2	509.09	1/2	165.12	1/2	1/2		1/2		1/2
3/4	2,220.03	3/4	1,876.06	3/4	1,532.09	3/4	1,188.12	3/4	845.49	3/4	501.92	3/4	157.96	3/4	3/4		3/4		3/4
6	2,212.86	6	1,868.89	6	1,524.92	6	1,180.96	6	838.35	6	494.76	6	150.79	6	6		6		6
1/4	2,205.70	1/4	1,861.73	1/4	1,517.76	1/4	1,173.79	1/4	831.22	1/4	487.59	1/4	143.63	1/4	1/4		1/4		1/4
1/2	2,198.53	1/2	1,854.56	1/2	1,510.59	1/2	1,166.62	1/2	824.08	1/2	480.42	1/2	136.46	1/2	1/2		1/2		1/2
3/4	2,191.36	3/4	1,847.40	3/4	1,503.43	3/4	1,159.47	3/4	816.95	3/4	473.26	3/4	129.29	3/4	3/4		3/4		3/4
7	2,184.20	7	1,840.23	7	1,496.26	7	1,152.32	7	809.81	7	466.09	7	122.13	7	7		7		7
1/4	2,177.03	1/4	1,833.07	1/4	1,489.10	1/4	1,145.17	1/4	802.68	1/4	458.93	1/4	114.96	1/4	1/4		1/4		1/4
1/2	2,169.86	1/2	1,825.90	1/2	1,481.93	1/2	1,138.02	1/2	795.54	1/2	451.76	1/2	107.79	1/2	1/2		1/2		1/2
3/4	2,162.70	3/4	1,818.73	3/4	1,474.76	3/4	1,130.89	3/4	788.41	3/4	444.60	3/4	100.63	3/4	3/4		3/4		3/4
8	2,155.53	8	1,811.57	8	1,467.60	8	1,123.75	8	781.27	8	437.43	8	93.46	8	8		8		8
1/4	2,148.37	1/4	1,804.40	1/4	1,460.43	1/4	1,116.62	1/4	774.14	1/4	430.27	1/4	86.30	1/4	1/4		1/4		1/4
1/2	2,141.20	1/2	1,797.23	1/2	1,453.26	1/2	1,109.48	1/2	767.00	1/2	423.10	1/2	79.13	1/2	1/2		1/2		1/2
3/4	2,134.04	3/4	1,790.07	3/4	1,446.10	3/4	1,102.35	3/4	759.85	3/4	415.93	3/4	72.78	3/4	3/4		3/4		3/4
9	2,126.87	9	1,782.90	9	1,438.93	9	1,095.21	9	752.70	9	408.77	9	66.43	9	9		9		9
1/4	2,119.71	1/4	1,775.74	1/4	1,431.77	1/4	1,088.08	1/4	745.55	1/4	401.60	1/4	60.08	1/4	1/4		1/4		1/4
1/2	2,112.54	1/2	1,768.57	1/2	1,424.60	1/2	1,080.94	1/2	738.40	1/2	394.43	1/2	53.73	1/2	1/2		1/2		1/2
3/4	2,105.37	3/4	1,761.40	3/4	1,417.44	3/4	1,073.81	3/4	731.24	3/4	387.27	3/4	48.52	3/4	3/4		3/4		3/4
10	2,098.21	10	1,754.24	10	1,410.27	10	1,066.67	10	724.07	10	380.10	10	43.31	10	10		10		10
1/4	2,091.04	1/4	1,747.07	1/4	1,403.11	1/4	1,059.54	1/4	716.91	1/4	372.94	1/4	38.10	1/4	1/4		1/4		1/4
1/2	2,083.87	1/2	1,739.90	1/2	1,395.94	1/2	1,052.40	1/2	709.74	1/2	365.77	1/2	32.89	1/2	1/2		1/2		1/2
3/4	2,076.71	3/4	1,732.74	3/4	1,388.77	3/4	1,045.27	3/4	702.57	3/4	358.60	3/4	28.99	3/4	3/4		3/4		3/4
11	2,069.54	11	1,725.57	11	1,381.61	11	1,038.13	11	695.41	11	351.44	11	25.09	11	11		11		11
1/4	2,062.38	1/4	1,718.41	1/4	1,374.44	1/4	1,031.00	1/4	688.24	1/4	344.27	1/4	21.18	1/4	1/4		1/4		1/4
1/2	2,055.21	1/2	1,711.24	1/2	1,367.27	1/2	1,023.86	1/2	681.07	1/2	337.10	1/2	17.28	1/2	1/2		1/2		1/2
3/4	2,048.04	3/4	1,704.08	3/4	1,360.11	3/4	1,016.73	3/4	673.91	3/4	329.94	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2002 INSP  
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REPRINTED: 02/14/2023

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2023

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# BARGE "KIRBY 30077"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3008"

GAUGE HEIGHT 16-11 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	4,538.47	0	4,298.95	0	4,059.43	0	3,819.91	0	3,580.39	0	3,247.52	0	2,883.35
1/4		1/4		1/4		1/4	4,533.48	1/4	4,293.96	1/4	4,054.44	1/4	3,814.92	1/4	3,575.40	1/4	3,239.93	1/4	2,875.76
1/2		1/2		1/2		1/2	4,528.49	1/2	4,288.97	1/2	4,049.45	1/2	3,809.93	1/2	3,570.13	1/2	3,232.35	1/2	2,868.17
3/4		3/4		3/4		3/4	4,523.50	3/4	4,283.98	3/4	4,044.46	3/4	3,804.94	3/4	3,564.85	3/4	3,224.76	3/4	2,860.59
1		1		1		1	4,518.51	1	4,278.99	1	4,039.47	1	3,799.95	1	3,559.58	1	3,217.18	1	2,853.00
1/4		1/4		1/4		1/4	4,513.52	1/4	4,274.00	1/4	4,034.48	1/4	3,794.96	1/4	3,554.30	1/4	3,209.59	1/4	2,845.41
1/2		1/2		1/2		1/2	4,508.53	1/2	4,269.01	1/2	4,029.49	1/2	3,789.97	1/2	3,548.61	1/2	3,202.00	1/2	2,837.82
3/4		3/4		3/4		3/4	4,503.54	3/4	4,264.02	3/4	4,024.50	3/4	3,784.98	3/4	3,542.93	3/4	3,194.42	3/4	2,830.24
2		2		2		2	4,498.55	2	4,259.03	2	4,019.51	2	3,779.99	2	3,537.24	2	3,186.83	2	2,822.65
1/4		1/4		1/4		1/4	4,493.56	1/4	4,254.04	1/4	4,014.52	1/4	3,775.00	1/4	3,531.55	1/4	3,179.24	1/4	2,815.06
1/2		1/2		1/2		1/2	4,488.57	1/2	4,249.05	1/2	4,009.53	1/2	3,770.01	1/2	3,525.39	1/2	3,171.65	1/2	2,807.47
3/4		3/4		3/4		3/4	4,483.58	3/4	4,244.06	3/4	4,004.54	3/4	3,765.02	3/4	3,519.23	3/4	3,164.07	3/4	2,799.89
3		3		3		3	4,478.59	3	4,239.07	3	3,999.55	3	3,760.03	3	3,513.06	3	3,156.48	3	2,792.30
1/4		1/4		1/4		1/4	4,473.60	1/4	4,234.08	1/4	3,994.56	1/4	3,755.04	1/4	3,506.90	1/4	3,148.89	1/4	2,784.71
1/2		1/2		1/2		1/2	4,468.61	1/2	4,229.09	1/2	3,989.57	1/2	3,750.05	1/2	3,500.26	1/2	3,141.30	1/2	2,777.13
3/4		3/4		3/4		3/4	4,463.62	3/4	4,224.10	3/4	3,984.58	3/4	3,745.06	3/4	3,493.63	3/4	3,133.72	3/4	2,769.54
4		4		4		4	4,458.63	4	4,219.11	4	3,979.59	4	3,740.07	4	3,486.99	4	3,126.13	4	2,761.96
1/4		1/4		1/4		1/4	4,453.64	1/4	4,214.12	1/4	3,974.60	1/4	3,735.08	1/4	3,480.35	1/4	3,118.54	1/4	2,754.37
1/2		1/2		1/2		1/2	4,448.65	1/2	4,209.13	1/2	3,969.61	1/2	3,730.09	1/2	3,473.24	1/2	3,110.95	1/2	2,746.78
3/4		3/4		3/4		3/4	4,443.66	3/4	4,204.14	3/4	3,964.62	3/4	3,725.10	3/4	3,466.13	3/4	3,103.37	3/4	2,739.20
5		5		5		5	4,438.67	5	4,199.15	5	3,959.63	5	3,720.11	5	3,459.01	5	3,095.78	5	2,731.61
1/4		1/4		1/4	4,618.16	1/4	4,433.68	1/4	4,194.16	1/4	3,954.64	1/4	3,715.12	1/4	3,451.90	1/4	3,088.19	1/4	2,724.02
1/2		1/2		1/2	4,617.60	1/2	4,428.69	1/2	4,189.17	1/2	3,949.65	1/2	3,710.13	1/2	3,444.43	1/2	3,080.61	1/2	2,716.43
3/4		3/4		3/4	4,617.05	3/4	4,423.70	3/4	4,184.18	3/4	3,944.66	3/4	3,705.14	3/4	3,436.96	3/4	3,073.02	3/4	2,708.85
6		6		6	4,616.49	6	4,418.71	6	4,179.19	6	3,939.67	6	3,700.15	6	3,429.49	6	3,065.44	6	2,701.26
1/4		1/4		1/4	4,615.93	1/4	4,413.72	1/4	4,174.20	1/4	3,934.68	1/4	3,695.16	1/4	3,422.02	1/4	3,057.85	1/4	2,693.67
1/2		1/2		1/2	4,614.58	1/2	4,408.73	1/2	4,169.21	1/2	3,929.69	1/2	3,690.17	1/2	3,414.43	1/2	3,050.26	1/2	2,686.08
3/4		3/4		3/4	4,613.23	3/4	4,403.74	3/4	4,164.22	3/4	3,924.70	3/4	3,685.18	3/4	3,406.85	3/4	3,042.68	3/4	2,678.50
7		7		7	4,611.87	7	4,398.75	7	4,159.23	7	3,919.71	7	3,680.19	7	3,399.26	7	3,035.09	7	2,670.91
1/4		1/4		1/4	4,610.52	1/4	4,393.76	1/4	4,154.24	1/4	3,914.72	1/4	3,675.20	1/4	3,391.67	1/4	3,027.50	1/4	2,663.32
1/2		1/2		1/2	4,608.26	1/2	4,388.77	1/2	4,149.25	1/2	3,909.73	1/2	3,670.21	1/2	3,384.09	1/2	3,019.91	1/2	2,655.73
3/4		3/4		3/4	4,606.00	3/4	4,383.78	3/4	4,144.25	3/4	3,904.74	3/4	3,665.22	3/4	3,376.50	3/4	3,012.33	3/4	2,648.15
8		8		8	4,603.73	8	4,378.79	8	4,139.26	8	3,899.75	8	3,660.23	8	3,368.92	8	3,004.74	8	2,640.56
1/4		1/4		1/4	4,601.47	1/4	4,373.80	1/4	4,134.26	1/4	3,894.76	1/4	3,655.24	1/4	3,361.33	1/4	2,997.15	1/4	2,632.97
1/2		1/2		1/2	4,597.80	1/2	4,368.81	1/2	4,129.28	1/2	3,889.77	1/2	3,650.25	1/2	3,353.74	1/2	2,989.56	1/2	2,625.39
3/4		3/4		3/4	4,594.13	3/4	4,363.82	3/4	4,124.29	3/4	3,884.78	3/4	3,645.26	3/4	3,346.16	3/4	2,981.98	3/4	2,617.80
9		9		9	4,590.46	9	4,358.83	9	4,119.31	9	3,879.79	9	3,640.27	9	3,338.57	9	2,974.39	9	2,610.22
1/4		1/4		1/4	4,586.79	1/4	4,353.84	1/4	4,114.32	1/4	3,874.80	1/4	3,635.28	1/4	3,330.98	1/4	2,966.80	1/4	2,602.63
1/2		1/2		1/2	4,583.21	1/2	4,348.85	1/2	4,109.33	1/2	3,869.81	1/2	3,630.29	1/2	3,323.39	1/2	2,959.21	1/2	2,595.04
3/4		3/4		3/4	4,579.64	3/4	4,343.85	3/4	4,104.34	3/4	3,864.82	3/4	3,625.30	3/4	3,315.81	3/4	2,951.63	3/4	2,587.46
10		10		10	4,576.06	10	4,338.86	10	4,099.35	10	3,859.83	10	3,620.31	10	3,308.22	10	2,944.04	10	2,579.87
1/4		1/4		1/4	4,572.48	1/4	4,333.86	1/4	4,094.36	1/4	3,854.84	1/4	3,615.32	1/4	3,300.63	1/4	2,936.45	1/4	2,572.28
1/2		1/2		1/2	4,567.72	1/2	4,328.88	1/2	4,089.37	1/2	3,849.85	1/2	3,610.33	1/2	3,293.04	1/2	2,928.87	1/2	2,564.69
3/4		3/4		3/4	4,562.96	3/4	4,323.89	3/4	4,084.38	3/4	3,844.86	3/4	3,605.34	3/4	3,285.46	3/4	2,921.28	3/4	2,557.11
11		11		11	4,558.20	11	4,318.91	11	4,079.39	11	3,839.87	11	3,600.35	11	3,277.87	11	2,913.70	11	2,549.52
1/4		1/4		1/4	4,553.44	1/4	4,313.92	1/4	4,074.40	1/4	3,834.88	1/4	3,595.36	1/4	3,270.28	1/4	2,906.11	1/4	2,541.93
1/2		1/2		1/2	4,548.45	1/2	4,308.93	1/2	4,069.41	1/2	3,829.89	1/2	3,590.37	1/2	3,262.69	1/2	2,898.52	1/2	2,534.34
3/4		3/4		3/4	4,543.46	3/4	4,303.94	3/4	4,064.42	3/4	3,824.90	3/4	3,585.38	3/4	3,255.11	3/4	2,890.94	3/4	2,526.76

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD

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



# BARGE "KIRBY 30077"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3008"

GAUGE HEIGHT 16-11 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	2,519.17	0	2,155.00	0	1,790.82	0	1,426.64	0	1,062.47	0	698.29	0	334.12	0		0		0	
1/4	2,511.58	1/4	2,147.41	1/4	1,783.23	1/4	1,419.05	1/4	1,054.88	1/4	690.70	1/4	326.53	1/4	1/4	1/4		1/4	
1/2	2,503.99	1/2	2,139.82	1/2	1,775.64	1/2	1,411.47	1/2	1,047.29	1/2	683.11	1/2	318.94	1/2	1/2	1/2		1/2	
3/4	2,496.41	3/4	2,132.24	3/4	1,768.05	3/4	1,403.88	3/4	1,039.71	3/4	675.53	3/4	311.36	3/4	3/4	3/4		3/4	
1	2,488.82	1	2,124.65	1	1,760.45	1	1,396.30	1	1,032.12	1	667.94	1	303.77	1	1	1		1	
1/4	2,481.23	1/4	2,117.06	1/4	1,752.86	1/4	1,388.71	1/4	1,024.53	1/4	660.35	1/4	296.18	1/4	1/4	1/4		1/4	
1/2	2,473.65	1/2	2,109.47	1/2	1,745.28	1/2	1,381.12	1/2	1,016.94	1/2	652.77	1/2	288.39	1/2	1/2	1/2		1/2	
3/4	2,466.06	3/4	2,101.89	3/4	1,737.70	3/4	1,373.54	3/4	1,009.36	3/4	645.18	3/4	280.61	3/4	3/4	3/4		3/4	
2	2,458.48	2	2,094.30	2	1,730.11	2	1,365.95	2	1,001.77	2	637.60	2	272.82	2	2	2		2	
1/4	2,450.89	1/4	2,086.71	1/4	1,722.53	1/4	1,358.36	1/4	994.18	1/4	630.01	1/4	265.03	1/4	1/4	1/4		1/4	
1/2	2,443.30	1/2	2,079.12	1/2	1,714.95	1/2	1,350.97	1/2	986.59	1/2	622.42	1/2	257.64	1/2	1/2	1/2		1/2	
3/4	2,435.72	3/4	2,071.54	3/4	1,707.36	3/4	1,343.59	3/4	979.01	3/4	614.84	3/4	250.26	3/4	3/4	3/4		3/4	
3	2,428.13	3	2,063.95	3	1,699.78	3	1,336.20	3	971.42	3	607.25	3	242.87	3	3	3		3	
1/4	2,420.54	1/4	2,056.36	1/4	1,692.19	1/4	1,328.81	1/4	963.83	1/4	599.66	1/4	235.48	1/4	1/4	1/4		1/4	
1/2	2,412.95	1/2	2,048.77	1/2	1,684.60	1/2	1,321.02	1/2	956.25	1/2	592.07	1/2	227.89	1/2	1/2	1/2		1/2	
3/4	2,405.37	3/4	2,041.19	3/4	1,677.02	3/4	1,313.24	3/4	948.66	3/4	584.49	3/4	220.31	3/4	3/4	3/4		3/4	
4	2,397.78	4	2,033.60	4	1,669.43	4	1,305.45	4	941.08	4	576.90	4	212.72	4	4	4		4	
1/4	2,390.19	1/4	2,026.01	1/4	1,661.84	1/4	1,297.66	1/4	933.49	1/4	569.31	1/4	205.13	1/4	1/4	1/4		1/4	
1/2	2,382.60	1/2	2,018.43	1/2	1,654.25	1/2	1,290.07	1/2	925.90	1/2	561.72	1/2	197.55	1/2	1/2	1/2		1/2	
3/4	2,375.02	3/4	2,010.84	3/4	1,646.67	3/4	1,282.49	3/4	918.32	3/4	554.14	3/4	189.96	3/4	3/4	3/4		3/4	
5	2,367.43	5	2,003.26	5	1,639.08	5	1,274.90	5	910.73	5	546.55	5	182.38	5	5	5		5	
1/4	2,359.84	1/4	1,995.67	1/4	1,631.49	1/4	1,267.31	1/4	903.14	1/4	538.96	1/4	174.79	1/4	1/4	1/4		1/4	
1/2	2,352.25	1/2	1,988.08	1/2	1,623.90	1/2	1,259.73	1/2	895.55	1/2	531.37	1/2	167.20	1/2	1/2	1/2		1/2	
3/4	2,344.67	3/4	1,980.50	3/4	1,616.32	3/4	1,252.14	3/4	887.97	3/4	523.79	3/4	159.62	3/4	3/4	3/4		3/4	
6	2,337.08	6	1,972.91	6	1,608.73	6	1,244.56	6	880.38	6	516.20	6	152.03	6	6	6		6	
1/4	2,329.49	1/4	1,965.32	1/4	1,601.14	1/4	1,236.97	1/4	872.79	1/4	508.61	1/4	144.44	1/4	1/4	1/4		1/4	
1/2	2,321.91	1/2	1,957.73	1/2	1,593.55	1/2	1,229.38	1/2	865.20	1/2	501.28	1/2	136.85	1/2	1/2	1/2		1/2	
3/4	2,314.32	3/4	1,950.15	3/4	1,585.97	3/4	1,221.80	3/4	857.62	3/4	493.94	3/4	129.27	3/4	3/4	3/4		3/4	
7	2,306.74	7	1,942.56	7	1,578.38	7	1,214.21	7	850.03	7	486.61	7	121.68	7	7	7		7	
1/4	2,299.15	1/4	1,934.97	1/4	1,570.79	1/4	1,206.62	1/4	842.44	1/4	479.27	1/4	114.09	1/4	1/4	1/4		1/4	
1/2	2,291.56	1/2	1,927.38	1/2	1,563.21	1/2	1,199.03	1/2	834.85	1/2	471.43	1/2	106.50	1/2	1/2	1/2		1/2	
3/4	2,283.98	3/4	1,919.80	3/4	1,555.62	3/4	1,191.45	3/4	827.27	3/4	463.60	3/4	98.92	3/4	3/4	3/4		3/4	
8	2,276.39	8	1,912.21	8	1,548.04	8	1,183.86	8	819.68	8	455.76	8	91.33	8	8	8		8	
1/4	2,268.80	1/4	1,904.62	1/4	1,540.45	1/4	1,176.27	1/4	812.09	1/4	447.92	1/4	83.74	1/4	1/4	1/4		1/4	
1/2	2,261.21	1/2	1,897.03	1/2	1,532.86	1/2	1,168.68	1/2	804.51	1/2	440.33	1/2	77.02	1/2	1/2	1/2		1/2	
3/4	2,253.63	3/4	1,889.45	3/4	1,525.28	3/4	1,161.10	3/4	796.92	3/4	432.75	3/4	70.30	3/4	3/4	3/4		3/4	
9	2,246.04	9	1,881.86	9	1,517.69	9	1,153.51	9	789.34	9	425.16	9	63.57	9	9	9		9	
1/4	2,238.45	1/4	1,874.27	1/4	1,510.10	1/4	1,145.92	1/4	781.75	1/4	417.57	1/4	56.85	1/4	1/4	1/4		1/4	
1/2	2,230.86	1/2	1,866.69	1/2	1,502.51	1/2	1,138.33	1/2	774.16	1/2	409.98	1/2	51.26	1/2	1/2	1/2		1/2	
3/4	2,223.28	3/4	1,859.10	3/4	1,494.93	3/4	1,130.75	3/4	766.58	3/4	402.40	3/4	45.68	3/4	3/4	3/4		3/4	
10	2,215.69	10	1,851.52	10	1,487.34	10	1,123.16	10	758.99	10	394.81	10	40.09	10	10	10		10	
1/4	2,208.10	1/4	1,843.93	1/4	1,479.75	1/4	1,115.57	1/4	751.40	1/4	387.22	1/4	34.50	1/4	1/4	1/4		1/4	
1/2	2,200.51	1/2	1,836.34	1/2	1,472.16	1/2	1,107.99	1/2	743.81	1/2	379.63	1/2	30.45	1/2	1/2	1/2		1/2	
3/4	2,192.93	3/4	1,828.76	3/4	1,464.58	3/4	1,100.40	3/4	736.23	3/4	372.05	3/4	26.39	3/4	3/4	3/4		3/4	
11	2,185.34	11	1,821.17	11	1,456.99	11	1,092.82	11	728.64	11	364.46	11	22.34	11	11	11		11	
1/4	2,177.75	1/4	1,813.58	1/4	1,449.40	1/4	1,085.23	1/4	721.05	1/4	356.87	1/4	18.28	1/4	1/4	1/4		1/4	
1/2	2,170.17	1/2	1,805.99	1/2	1,441.81	1/2	1,077.64	1/2	713.46	1/2	349.29	1/2		1/2	1/2	1/2		1/2	
3/4	2,162.58	3/4	1,798.41	3/4	1,434.23	3/4	1,070.06	3/4	705.88	3/4	341.70	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2002 INSP  
RECOMPUTED: 02/14/2023 SW  
REPRINTED: 02/14/2023

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2023

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



# BARGE "KIRBY 30077"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3008"

GAUGE HEIGHT 16-11 1/4"

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	0	0	0	4,538.47	0	4,298.95	0	4,059.43	0	3,819.91	0	3,580.39	0	3,247.52	0	2,883.35	
1/4	1/4	1/4	1/4	1/4	1/4	4,533.48	1/4	4,293.96	1/4	4,054.44	1/4	3,814.92	1/4	3,575.40	1/4	3,239.93	1/4	2,875.76	
1/2	1/2	1/2	1/2	1/2	1/2	4,528.49	1/2	4,288.97	1/2	4,049.45	1/2	3,809.93	1/2	3,570.13	1/2	3,232.35	1/2	2,868.17	
3/4	3/4	3/4	3/4	3/4	3/4	4,523.50	3/4	4,283.98	3/4	4,044.46	3/4	3,804.94	3/4	3,564.85	3/4	3,224.76	3/4	2,860.59	
1	1	1	1	1	1	4,518.51	1	4,278.99	1	4,039.47	1	3,799.95	1	3,559.58	1	3,217.18	1	2,853.00	
1/4	1/4	1/4	1/4	1/4	1/4	4,513.52	1/4	4,274.00	1/4	4,034.48	1/4	3,794.96	1/4	3,554.30	1/4	3,209.59	1/4	2,845.41	
1/2	1/2	1/2	1/2	1/2	1/2	4,508.53	1/2	4,269.01	1/2	4,029.49	1/2	3,789.97	1/2	3,548.61	1/2	3,202.00	1/2	2,837.82	
3/4	3/4	3/4	3/4	3/4	3/4	4,503.54	3/4	4,264.02	3/4	4,024.50	3/4	3,784.98	3/4	3,542.93	3/4	3,194.42	3/4	2,830.24	
2	2	2	2	2	2	4,498.55	2	4,259.03	2	4,019.51	2	3,779.99	2	3,537.24	2	3,186.83	2	2,822.65	
1/4	1/4	1/4	1/4	1/4	1/4	4,493.56	1/4	4,254.04	1/4	4,014.52	1/4	3,775.00	1/4	3,531.55	1/4	3,179.24	1/4	2,815.06	
1/2	1/2	1/2	1/2	1/2	1/2	4,488.57	1/2	4,249.05	1/2	4,009.53	1/2	3,770.01	1/2	3,525.39	1/2	3,171.65	1/2	2,807.47	
3/4	3/4	3/4	3/4	3/4	3/4	4,483.58	3/4	4,244.06	3/4	4,004.54	3/4	3,765.02	3/4	3,519.23	3/4	3,164.07	3/4	2,799.89	
3	3	3	3	3	3	4,478.59	3	4,239.07	3	3,999.55	3	3,760.03	3	3,513.06	3	3,156.48	3	2,792.30	
1/4	1/4	1/4	1/4	1/4	1/4	4,473.60	1/4	4,234.08	1/4	3,994.56	1/4	3,755.04	1/4	3,506.90	1/4	3,148.89	1/4	2,784.71	
1/2	1/2	1/2	1/2	1/2	1/2	4,468.61	1/2	4,229.09	1/2	3,989.57	1/2	3,750.05	1/2	3,500.26	1/2	3,141.30	1/2	2,777.13	
3/4	3/4	3/4	3/4	3/4	3/4	4,463.62	3/4	4,224.10	3/4	3,984.58	3/4	3,745.06	3/4	3,493.63	3/4	3,133.72	3/4	2,769.54	
4	4	4	4	4	4	4,458.63	4	4,219.11	4	3,979.59	4	3,740.07	4	3,486.99	4	3,126.13	4	2,761.96	
1/4	1/4	1/4	1/4	1/4	1/4	4,453.64	1/4	4,214.12	1/4	3,974.60	1/4	3,735.08	1/4	3,480.35	1/4	3,118.54	1/4	2,754.37	
1/2	1/2	1/2	1/2	1/2	1/2	4,448.65	1/2	4,209.13	1/2	3,969.61	1/2	3,730.09	1/2	3,473.24	1/2	3,110.95	1/2	2,746.78	
3/4	3/4	3/4	3/4	3/4	3/4	4,443.66	3/4	4,204.14	3/4	3,964.62	3/4	3,725.10	3/4	3,466.13	3/4	3,103.37	3/4	2,739.20	
5	5	5	5	5	5	4,438.67	5	4,199.15	5	3,959.63	5	3,720.11	5	3,459.01	5	3,095.78	5	2,731.61	
1/4	1/4	1/4	1/4	1/4	1/4	4,433.68	1/4	4,194.16	1/4	3,954.64	1/4	3,715.12	1/4	3,451.90	1/4	3,088.19	1/4	2,724.02	
1/2	1/2	1/2	1/2	1/2	1/2	4,428.69	1/2	4,189.17	1/2	3,949.65	1/2	3,710.13	1/2	3,444.43	1/2	3,080.61	1/2	2,716.43	
3/4	3/4	3/4	3/4	3/4	3/4	4,423.70	3/4	4,184.18	3/4	3,944.66	3/4	3,705.14	3/4	3,436.96	3/4	3,073.02	3/4	2,708.85	
6	6	6	6	6	6	4,418.71	6	4,179.19	6	3,939.67	6	3,700.15	6	3,429.49	6	3,065.44	6	2,701.26	
1/4	1/4	1/4	1/4	1/4	1/4	4,413.72	1/4	4,174.20	1/4	3,934.68	1/4	3,695.16	1/4	3,422.02	1/4	3,057.85	1/4	2,693.67	
1/2	1/2	1/2	1/2	1/2	1/2	4,408.73	1/2	4,169.21	1/2	3,929.69	1/2	3,690.17	1/2	3,414.43	1/2	3,050.26	1/2	2,686.08	
3/4	3/4	3/4	3/4	3/4	3/4	4,403.74	3/4	4,164.22	3/4	3,924.70	3/4	3,685.18	3/4	3,406.85	3/4	3,042.68	3/4	2,678.50	
7	7	7	7	7	7	4,398.75	7	4,159.23	7	3,919.71	7	3,680.19	7	3,399.26	7	3,035.09	7	2,670.91	
1/4	1/4	1/4	1/4	1/4	1/4	4,393.76	1/4	4,154.24	1/4	3,914.72	1/4	3,675.20	1/4	3,391.67	1/4	3,027.50	1/4	2,663.32	
1/2	1/2	1/2	1/2	1/2	1/2	4,388.77	1/2	4,149.25	1/2	3,909.73	1/2	3,670.21	1/2	3,384.09	1/2	3,019.91	1/2	2,655.73	
3/4	3/4	3/4	3/4	3/4	3/4	4,383.78	3/4	4,144.25	3/4	3,904.74	3/4	3,665.22	3/4	3,376.50	3/4	3,012.33	3/4	2,648.15	
8	8	8	8	8	8	4,378.79	8	4,139.26	8	3,899.75	8	3,660.23	8	3,368.92	8	3,004.74	8	2,640.56	
1/4	1/4	1/4	1/4	1/4	1/4	4,373.80	1/4	4,134.26	1/4	3,894.76	1/4	3,655.24	1/4	3,361.33	1/4	2,997.15	1/4	2,632.97	
1/2	1/2	1/2	1/2	1/2	1/2	4,368.81	1/2	4,129.28	1/2	3,889.77	1/2	3,650.25	1/2	3,353.74	1/2	2,989.56	1/2	2,625.39	
3/4	3/4	3/4	3/4	3/4	3/4	4,363.82	3/4	4,124.29	3/4	3,884.78	3/4	3,645.26	3/4	3,346.16	3/4	2,981.98	3/4	2,617.80	
9	9	9	9	9	9	4,358.83	9	4,119.31	9	3,879.79	9	3,640.27	9	3,338.57	9	2,974.39	9	2,610.22	
1/4	1/4	1/4	1/4	1/4	1/4	4,353.84	1/4	4,114.32	1/4	3,874.80	1/4	3,635.28	1/4	3,330.98	1/4	2,966.80	1/4	2,602.63	
1/2	1/2	1/2	1/2	1/2	1/2	4,348.85	1/2	4,109.33	1/2	3,869.81	1/2	3,630.29	1/2	3,323.39	1/2	2,959.21	1/2	2,595.04	
3/4	3/4	3/4	3/4	3/4	3/4	4,343.85	3/4	4,104.34	3/4	3,864.82	3/4	3,625.30	3/4	3,315.81	3/4	2,951.63	3/4	2,587.46	
10	10	10	10	10	10	4,338.86	10	4,099.35	10	3,859.83	10	3,620.31	10	3,308.22	10	2,944.04	10	2,579.87	
1/4	1/4	1/4	1/4	1/4	1/4	4,333.86	1/4	4,094.36	1/4	3,854.84	1/4	3,615.32	1/4	3,300.63	1/4	2,936.45	1/4	2,572.28	
1/2	1/2	1/2	1/2	1/2	1/2	4,328.88	1/2	4,089.37	1/2	3,849.85	1/2	3,610.33	1/2	3,293.04	1/2	2,928.87	1/2	2,564.69	
3/4	3/4	3/4	3/4	3/4	3/4	4,323.89	3/4	4,084.38	3/4	3,844.86	3/4	3,605.34	3/4	3,285.46	3/4	2,921.28	3/4	2,557.11	
11	11	11	11	11	11	4,318.91	11	4,079.39	11	3,839.87	11	3,600.35	11	3,277.87	11	2,913.70	11	2,549.52	
1/4	1/4	1/4	1/4	1/4	1/4	4,313.92	1/4	4,074.40	1/4	3,834.88	1/4	3,595.36	1/4	3,270.28	1/4	2,906.11	1/4	2,541.93	
1/2	1/2	1/2	1/2	1/2	1/2	4,308.93	1/2	4,069.41	1/2	3,829.89	1/2	3,590.37	1/2	3,262.69	1/2	2,898.52	1/2	2,534.34	
3/4	3/4	3/4	3/4	3/4	3/4	4,303.94	3/4	4,064.42	3/4	3,824.90	3/4	3,585.38	3/4	3,255.11	3/4	2,890.94	3/4	2,526.76	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD

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



# BARGE "KIRBY 30077"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3008"

GAUGE HEIGHT 16-11 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	2,519.17	0	2,155.00	0	1,790.82	0	1,426.64	0	1,062.47	0	698.29	0	334.12	0		0		0	
1/4	2,511.58	1/4	2,147.41	1/4	1,783.23	1/4	1,419.05	1/4	1,054.88	1/4	690.70	1/4	326.53	1/4	1/4	1/4		1/4	1/4
1/2	2,503.99	1/2	2,139.82	1/2	1,775.64	1/2	1,411.47	1/2	1,047.29	1/2	683.11	1/2	318.94	1/2	1/2	1/2		1/2	1/2
3/4	2,496.41	3/4	2,132.24	3/4	1,768.05	3/4	1,403.88	3/4	1,039.71	3/4	675.53	3/4	311.36	3/4	3/4	3/4		3/4	3/4
1	2,488.82	1	2,124.65	1	1,760.45	1	1,396.30	1	1,032.12	1	667.94	1	303.77	1	1	1		1	1
1/4	2,481.23	1/4	2,117.06	1/4	1,752.86	1/4	1,388.71	1/4	1,024.53	1/4	660.35	1/4	296.18	1/4	1/4	1/4		1/4	1/4
1/2	2,473.65	1/2	2,109.47	1/2	1,745.28	1/2	1,381.12	1/2	1,016.94	1/2	652.77	1/2	288.39	1/2	1/2	1/2		1/2	1/2
3/4	2,466.06	3/4	2,101.89	3/4	1,737.70	3/4	1,373.54	3/4	1,009.36	3/4	645.18	3/4	280.61	3/4	3/4	3/4		3/4	3/4
2	2,458.48	2	2,094.30	2	1,730.11	2	1,365.95	2	1,001.77	2	637.60	2	272.82	2	2	2		2	2
1/4	2,450.89	1/4	2,086.71	1/4	1,722.53	1/4	1,358.36	1/4	994.18	1/4	630.01	1/4	265.03	1/4	1/4	1/4		1/4	1/4
1/2	2,443.30	1/2	2,079.12	1/2	1,714.95	1/2	1,350.97	1/2	986.59	1/2	622.42	1/2	257.64	1/2	1/2	1/2		1/2	1/2
3/4	2,435.72	3/4	2,071.54	3/4	1,707.36	3/4	1,343.59	3/4	979.01	3/4	614.84	3/4	250.26	3/4	3/4	3/4		3/4	3/4
3	2,428.13	3	2,063.95	3	1,699.78	3	1,336.20	3	971.42	3	607.25	3	242.87	3	3	3		3	3
1/4	2,420.54	1/4	2,056.36	1/4	1,692.19	1/4	1,328.81	1/4	963.83	1/4	599.66	1/4	235.48	1/4	1/4	1/4		1/4	1/4
1/2	2,412.95	1/2	2,048.77	1/2	1,684.60	1/2	1,321.02	1/2	956.25	1/2	592.07	1/2	227.89	1/2	1/2	1/2		1/2	1/2
3/4	2,405.37	3/4	2,041.19	3/4	1,677.02	3/4	1,313.24	3/4	948.66	3/4	584.49	3/4	220.31	3/4	3/4	3/4		3/4	3/4
4	2,397.78	4	2,033.60	4	1,669.43	4	1,305.45	4	941.08	4	576.90	4	212.72	4	4	4		4	4
1/4	2,390.19	1/4	2,026.01	1/4	1,661.84	1/4	1,297.66	1/4	933.49	1/4	569.31	1/4	205.13	1/4	1/4	1/4		1/4	1/4
1/2	2,382.60	1/2	2,018.43	1/2	1,654.25	1/2	1,290.07	1/2	925.90	1/2	561.72	1/2	197.55	1/2	1/2	1/2		1/2	1/2
3/4	2,375.02	3/4	2,010.84	3/4	1,646.67	3/4	1,282.49	3/4	918.32	3/4	554.14	3/4	189.96	3/4	3/4	3/4		3/4	3/4
5	2,367.43	5	2,003.26	5	1,639.08	5	1,274.90	5	910.73	5	546.55	5	182.38	5	5	5		5	5
1/4	2,359.84	1/4	1,995.67	1/4	1,631.49	1/4	1,267.31	1/4	903.14	1/4	538.96	1/4	174.79	1/4	1/4	1/4		1/4	1/4
1/2	2,352.25	1/2	1,988.08	1/2	1,623.90	1/2	1,259.73	1/2	895.55	1/2	531.37	1/2	167.20	1/2	1/2	1/2		1/2	1/2
3/4	2,344.67	3/4	1,980.50	3/4	1,616.32	3/4	1,252.14	3/4	887.97	3/4	523.79	3/4	159.62	3/4	3/4	3/4		3/4	3/4
6	2,337.08	6	1,972.91	6	1,608.73	6	1,244.56	6	880.38	6	516.20	6	152.03	6	6	6		6	6
1/4	2,329.49	1/4	1,965.32	1/4	1,601.14	1/4	1,236.97	1/4	872.79	1/4	508.61	1/4	144.44	1/4	1/4	1/4		1/4	1/4
1/2	2,321.91	1/2	1,957.73	1/2	1,593.55	1/2	1,229.38	1/2	865.20	1/2	501.28	1/2	136.85	1/2	1/2	1/2		1/2	1/2
3/4	2,314.32	3/4	1,950.15	3/4	1,585.97	3/4	1,221.80	3/4	857.62	3/4	493.94	3/4	129.27	3/4	3/4	3/4		3/4	3/4
7	2,306.74	7	1,942.56	7	1,578.38	7	1,214.21	7	850.03	7	486.61	7	121.68	7	7	7		7	7
1/4	2,299.15	1/4	1,934.97	1/4	1,570.79	1/4	1,206.62	1/4	842.44	1/4	479.27	1/4	114.09	1/4	1/4	1/4		1/4	1/4
1/2	2,291.56	1/2	1,927.38	1/2	1,563.21	1/2	1,199.03	1/2	834.85	1/2	471.43	1/2	106.50	1/2	1/2	1/2		1/2	1/2
3/4	2,283.98	3/4	1,919.80	3/4	1,555.62	3/4	1,191.45	3/4	827.27	3/4	463.60	3/4	98.92	3/4	3/4	3/4		3/4	3/4
8	2,276.39	8	1,912.21	8	1,548.04	8	1,183.86	8	819.68	8	455.76	8	91.33	8	8	8		8	8
1/4	2,268.80	1/4	1,904.62	1/4	1,540.45	1/4	1,176.27	1/4	812.09	1/4	447.92	1/4	83.74	1/4	1/4	1/4		1/4	1/4
1/2	2,261.21	1/2	1,897.03	1/2	1,532.86	1/2	1,168.68	1/2	804.51	1/2	440.33	1/2	77.02	1/2	1/2	1/2		1/2	1/2
3/4	2,253.63	3/4	1,889.45	3/4	1,525.28	3/4	1,161.10	3/4	796.92	3/4	432.75	3/4	70.30	3/4	3/4	3/4		3/4	3/4
9	2,246.04	9	1,881.86	9	1,517.69	9	1,153.51	9	789.34	9	425.16	9	63.57	9	9	9		9	9
1/4	2,238.45	1/4	1,874.27	1/4	1,510.10	1/4	1,145.92	1/4	781.75	1/4	417.57	1/4	56.85	1/4	1/4	1/4		1/4	1/4
1/2	2,230.86	1/2	1,866.69	1/2	1,502.51	1/2	1,138.33	1/2	774.16	1/2	409.98	1/2	51.26	1/2	1/2	1/2		1/2	1/2
3/4	2,223.28	3/4	1,859.10	3/4	1,494.93	3/4	1,130.75	3/4	766.58	3/4	402.40	3/4	45.68	3/4	3/4	3/4		3/4	3/4
10	2,215.69	10	1,851.52	10	1,487.34	10	1,123.16	10	758.99	10	394.81	10	40.09	10	10	10		10	10
1/4	2,208.10	1/4	1,843.93	1/4	1,479.75	1/4	1,115.57	1/4	751.40	1/4	387.22	1/4	34.50	1/4	1/4	1/4		1/4	1/4
1/2	2,200.51	1/2	1,836.34	1/2	1,472.16	1/2	1,107.99	1/2	743.81	1/2	379.63	1/2	30.45	1/2	1/2	1/2		1/2	1/2
3/4	2,192.93	3/4	1,828.76	3/4	1,464.58	3/4	1,100.40	3/4	736.23	3/4	372.05	3/4	26.39	3/4	3/4	3/4		3/4	3/4
11	2,185.34	11	1,821.17	11	1,456.99	11	1,092.82	11	728.64	11	364.46	11	22.34	11	11	11		11	11
1/4	2,177.75	1/4	1,813.58	1/4	1,449.40	1/4	1,085.23	1/4	721.05	1/4	356.87	1/4	18.28	1/4	1/4	1/4		1/4	1/4
1/2	2,170.17	1/2	1,805.99	1/2	1,441.81	1/2	1,077.64	1/2	713.46	1/2	349.29	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,162.58	3/4	1,798.41	3/4	1,434.23	3/4	1,070.06	3/4	705.88	3/4	341.70	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2002 INSP  
RECOMPUTED: 02/14/2023 SW  
REPRINTED: 02/14/2023

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2023

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



# BARGE "KIRBY 30077"

# FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	392	0	784	0	1,176	0	1,567	0		0		0		0		0	
1/4	8	1/4	400	1/4	792	1/4	1,184	1/4	1,576	1/4		1/4		1/4		1/4		1/4	
1/2	16	1/2	408	1/2	800	1/2	1,192	1/2	1,584	1/2		1/2		1/2		1/2		1/2	
3/4	24	3/4	416	3/4	808	3/4	1,200	3/4	1,592	3/4		3/4		3/4		3/4		3/4	
1	33	1	425	1	816	1	1,208	1	1,600	1		1		1		1		1	
1/4	41	1/4	433	1/4	825	1/4	1,216	1/4	1,608	1/4		1/4		1/4		1/4		1/4	
1/2	49	1/2	441	1/2	833	1/2	1,225	1/2	1,616	1/2		1/2		1/2		1/2		1/2	
3/4	57	3/4	449	3/4	841	3/4	1,233	3/4	1,625	3/4		3/4		3/4		3/4		3/4	
2	65	2	457	2	849	2	1,241	2	1,633	2		2		2		2		2	
1/4	73	1/4	465	1/4	857	1/4	1,249	1/4	1,641	1/4		1/4		1/4		1/4		1/4	
1/2	82	1/2	474	1/2	865	1/2	1,257	1/2	1,649	1/2		1/2		1/2		1/2		1/2	
3/4	90	3/4	482	3/4	874	3/4	1,265	3/4	1,657	3/4		3/4		3/4		3/4		3/4	
3	98	3	490	3	882	3	1,274	3	1,665	3		3		3		3		3	
1/4	106	1/4	498	1/4	890	1/4	1,282	1/4	1,674	1/4		1/4		1/4		1/4		1/4	
1/2	114	1/2	506	1/2	898	1/2	1,290	1/2	1,682	1/2		1/2		1/2		1/2		1/2	
3/4	122	3/4	514	3/4	906	3/4	1,298	3/4	1,690	3/4		3/4		3/4		3/4		3/4	
4	131	4	522	4	914	4	1,306	4	1,698	4		4		4		4		4	
1/4	139	1/4	531	1/4	923	1/4	1,314	1/4	1,706	1/4		1/4		1/4		1/4		1/4	
1/2	147	1/2	539	1/2	931	1/2	1,323	1/2	1,714	1/2		1/2		1/2		1/2		1/2	
3/4	155	3/4	547	3/4	939	3/4	1,331	3/4	1,723	3/4		3/4		3/4		3/4		3/4	
5	163	5	555	5	947	5	1,339	5	1,731	5		5		5		5		5	
1/4	171	1/4	563	1/4	955	1/4	1,347	1/4	1,739	1/4		1/4		1/4		1/4		1/4	
1/2	180	1/2	571	1/2	963	1/2	1,355	1/2	1,747	1/2		1/2		1/2		1/2		1/2	
3/4	188	3/4	580	3/4	972	3/4	1,363	3/4		3/4		3/4		3/4		3/4		3/4	
6	196	6	588	6	980	6	1,372	6		6		6		6		6		6	
1/4	204	1/4	596	1/4	988	1/4	1,380	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	212	1/2	604	1/2	996	1/2	1,388	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	220	3/4	612	3/4	1,004	3/4	1,396	3/4		3/4		3/4		3/4		3/4		3/4	
7	229	7	620	7	1,012	7	1,404	7		7		7		7		7		7	
1/4	237	1/4	629	1/4	1,021	1/4	1,412	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	245	1/2	637	1/2	1,029	1/2	1,421	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	253	3/4	645	3/4	1,037	3/4	1,429	3/4		3/4		3/4		3/4		3/4		3/4	
8	261	8	653	8	1,045	8	1,437	8		8		8		8		8		8	
1/4	269	1/4	661	1/4	1,053	1/4	1,445	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	278	1/2	669	1/2	1,061	1/2	1,453	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	286	3/4	678	3/4	1,069	3/4	1,461	3/4		3/4		3/4		3/4		3/4		3/4	
9	294	9	686	9	1,078	9	1,470	9		9		9		9		9		9	
1/4	302	1/4	694	1/4	1,086	1/4	1,478	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	310	1/2	702	1/2	1,094	1/2	1,486	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	318	3/4	710	3/4	1,102	3/4	1,494	3/4		3/4		3/4		3/4		3/4		3/4	
10	327	10	718	10	1,110	10	1,502	10		10		10		10		10		10	
1/4	335	1/4	727	1/4	1,118	1/4	1,510	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	343	1/2	735	1/2	1,127	1/2	1,519	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	351	3/4	743	3/4	1,135	3/4	1,527	3/4		3/4		3/4		3/4		3/4		3/4	
11	359	11	751	11	1,143	11	1,535	11		11		11		11		11		11	
1/4	367	1/4	759	1/4	1,151	1/4	1,543	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	376	1/2	767	1/2	1,159	1/2	1,551	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	384	3/4	776	3/4	1,167	3/4	1,559	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.

STRAPPED: 02/21/2023 JS  
 CALCULATED: 02/21/2023 CL  
 PRINTED: 02/21/2023 CL

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 02/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "KIRBY 30077"

## PORT SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,073	0	2,147	0	3,220	0	4,294	0		0		0		0		0	
1/4	22	1/4	1,096	1/4	2,169	1/4	3,243	1/4	4,316	1/4		1/4		1/4		1/4		1/4	
1/2	45	1/2	1,118	1/2	2,192	1/2	3,265	1/2	4,339	1/2		1/2		1/2		1/2		1/2	
3/4	67	3/4	1,141	3/4	2,214	3/4	3,288	3/4	4,361	3/4		3/4		3/4		3/4		3/4	
1	89	1	1,163	1	2,236	1	3,310	1	4,383	1		1		1		1		1	
1/4	112	1/4	1,185	1/4	2,259	1/4	3,332	1/4	4,406	1/4		1/4		1/4		1/4		1/4	
1/2	134	1/2	1,208	1/2	2,281	1/2	3,355	1/2	4,428	1/2		1/2		1/2		1/2		1/2	
3/4	157	3/4	1,230	3/4	2,303	3/4	3,377	3/4	4,450	3/4		3/4		3/4		3/4		3/4	
2	179	2	1,252	2	2,326	2	3,399	2	4,473	2		2		2		2		2	
1/4	201	1/4	1,275	1/4	2,348	1/4	3,422	1/4	4,495	1/4		1/4		1/4		1/4		1/4	
1/2	224	1/2	1,297	1/2	2,371	1/2	3,444	1/2	4,518	1/2		1/2		1/2		1/2		1/2	
3/4	246	3/4	1,319	3/4	2,393	3/4	3,466	3/4	4,540	3/4		3/4		3/4		3/4		3/4	
3	268	3	1,342	3	2,415	3	3,489	3	4,562	3		3		3		3		3	
1/4	291	1/4	1,364	1/4	2,438	1/4	3,511	1/4	4,585	1/4		1/4		1/4		1/4		1/4	
1/2	313	1/2	1,387	1/2	2,460	1/2	3,534	1/2	4,607	1/2		1/2		1/2		1/2		1/2	
3/4	335	3/4	1,409	3/4	2,482	3/4	3,556	3/4	4,629	3/4		3/4		3/4		3/4		3/4	
4	358	4	1,431	4	2,505	4	3,578	4	4,652	4		4		4		4		4	
1/4	380	1/4	1,454	1/4	2,527	1/4	3,601	1/4	4,674	1/4		1/4		1/4		1/4		1/4	
1/2	403	1/2	1,476	1/2	2,549	1/2	3,623	1/2	4,696	1/2		1/2		1/2		1/2		1/2	
3/4	425	3/4	1,498	3/4	2,572	3/4	3,645	3/4	4,719	3/4		3/4		3/4		3/4		3/4	
5	447	5	1,521	5	2,594	5	3,668	5	4,741	5		5		5		5		5	
1/4	470	1/4	1,543	1/4	2,617	1/4	3,690	1/4	4,758	1/4		1/4		1/4		1/4		1/4	
1/2	492	1/2	1,565	1/2	2,639	1/2	3,712	1/2	4,775	1/2		1/2		1/2		1/2		1/2	
3/4	514	3/4	1,588	3/4	2,661	3/4	3,735	3/4		3/4		3/4		3/4		3/4		3/4	
6	537	6	1,610	6	2,684	6	3,757	6		6		6		6		6		6	
1/4	559	1/4	1,633	1/4	2,706	1/4	3,780	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	581	1/2	1,655	1/2	2,728	1/2	3,802	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	604	3/4	1,677	3/4	2,751	3/4	3,824	3/4		3/4		3/4		3/4		3/4		3/4	
7	626	7	1,700	7	2,773	7	3,847	7		7		7		7		7		7	
1/4	649	1/4	1,722	1/4	2,796	1/4	3,869	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	671	1/2	1,744	1/2	2,818	1/2	3,891	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	693	3/4	1,767	3/4	2,840	3/4	3,914	3/4		3/4		3/4		3/4		3/4		3/4	
8	716	8	1,789	8	2,863	8	3,936	8		8		8		8		8		8	
1/4	738	1/4	1,811	1/4	2,885	1/4	3,958	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	760	1/2	1,834	1/2	2,907	1/2	3,981	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	783	3/4	1,856	3/4	2,930	3/4	4,003	3/4		3/4		3/4		3/4		3/4		3/4	
9	805	9	1,879	9	2,952	9	4,026	9		9		9		9		9		9	
1/4	827	1/4	1,901	1/4	2,974	1/4	4,048	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	850	1/2	1,923	1/2	2,997	1/2	4,070	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	872	3/4	1,946	3/4	3,019	3/4	4,093	3/4		3/4		3/4		3/4		3/4		3/4	
10	895	10	1,968	10	3,042	10	4,115	10		10		10		10		10		10	
1/4	917	1/4	1,990	1/4	3,064	1/4	4,137	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	939	1/2	2,013	1/2	3,086	1/2	4,160	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	962	3/4	2,035	3/4	3,109	3/4	4,182	3/4		3/4		3/4		3/4		3/4		3/4	
11	984	11	2,057	11	3,131	11	4,204	11		11		11		11		11		11	
1/4	1,006	1/4	2,080	1/4	3,153	1/4	4,227	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,029	1/2	2,102	1/2	3,176	1/2	4,249	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,051	3/4	2,125	3/4	3,198	3/4	4,272	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.

STRAPPED: 02/21/2023 JS  
CALCULATED: 02/21/2023 CL  
PRINTED: 02/21/2023 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "KIRBY 30077"

## STBD SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,073	0	2,147	0	3,220	0	4,294	0		0		0		0		0	
1/4	22	1/4	1,096	1/4	2,169	1/4	3,243	1/4	4,316	1/4		1/4		1/4		1/4		1/4	
1/2	45	1/2	1,118	1/2	2,192	1/2	3,265	1/2	4,339	1/2		1/2		1/2		1/2		1/2	
3/4	67	3/4	1,141	3/4	2,214	3/4	3,288	3/4	4,361	3/4		3/4		3/4		3/4		3/4	
1	89	1	1,163	1	2,236	1	3,310	1	4,383	1		1		1		1		1	
1/4	112	1/4	1,185	1/4	2,259	1/4	3,332	1/4	4,406	1/4		1/4		1/4		1/4		1/4	
1/2	134	1/2	1,208	1/2	2,281	1/2	3,355	1/2	4,428	1/2		1/2		1/2		1/2		1/2	
3/4	157	3/4	1,230	3/4	2,303	3/4	3,377	3/4	4,450	3/4		3/4		3/4		3/4		3/4	
2	179	2	1,252	2	2,326	2	3,399	2	4,473	2		2		2		2		2	
1/4	201	1/4	1,275	1/4	2,348	1/4	3,422	1/4	4,495	1/4		1/4		1/4		1/4		1/4	
1/2	224	1/2	1,297	1/2	2,371	1/2	3,444	1/2	4,518	1/2		1/2		1/2		1/2		1/2	
3/4	246	3/4	1,319	3/4	2,393	3/4	3,466	3/4	4,540	3/4		3/4		3/4		3/4		3/4	
3	268	3	1,342	3	2,415	3	3,489	3	4,562	3		3		3		3		3	
1/4	291	1/4	1,364	1/4	2,438	1/4	3,511	1/4	4,585	1/4		1/4		1/4		1/4		1/4	
1/2	313	1/2	1,387	1/2	2,460	1/2	3,534	1/2	4,607	1/2		1/2		1/2		1/2		1/2	
3/4	335	3/4	1,409	3/4	2,482	3/4	3,556	3/4	4,629	3/4		3/4		3/4		3/4		3/4	
4	358	4	1,431	4	2,505	4	3,578	4	4,652	4		4		4		4		4	
1/4	380	1/4	1,454	1/4	2,527	1/4	3,601	1/4	4,674	1/4		1/4		1/4		1/4		1/4	
1/2	403	1/2	1,476	1/2	2,549	1/2	3,623	1/2	4,696	1/2		1/2		1/2		1/2		1/2	
3/4	425	3/4	1,498	3/4	2,572	3/4	3,645	3/4	4,719	3/4		3/4		3/4		3/4		3/4	
5	447	5	1,521	5	2,594	5	3,668	5	4,741	5		5		5		5		5	
1/4	470	1/4	1,543	1/4	2,617	1/4	3,690	1/4	4,758	1/4		1/4		1/4		1/4		1/4	
1/2	492	1/2	1,565	1/2	2,639	1/2	3,712	1/2	4,775	1/2		1/2		1/2		1/2		1/2	
3/4	514	3/4	1,588	3/4	2,661	3/4	3,735	3/4		3/4		3/4		3/4		3/4		3/4	
6	537	6	1,610	6	2,684	6	3,757	6		6		6		6		6		6	
1/4	559	1/4	1,633	1/4	2,706	1/4	3,780	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	581	1/2	1,655	1/2	2,728	1/2	3,802	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	604	3/4	1,677	3/4	2,751	3/4	3,824	3/4		3/4		3/4		3/4		3/4		3/4	
7	626	7	1,700	7	2,773	7	3,847	7		7		7		7		7		7	
1/4	649	1/4	1,722	1/4	2,796	1/4	3,869	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	671	1/2	1,744	1/2	2,818	1/2	3,891	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	693	3/4	1,767	3/4	2,840	3/4	3,914	3/4		3/4		3/4		3/4		3/4		3/4	
8	716	8	1,789	8	2,863	8	3,936	8		8		8		8		8		8	
1/4	738	1/4	1,811	1/4	2,885	1/4	3,958	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	760	1/2	1,834	1/2	2,907	1/2	3,981	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	783	3/4	1,856	3/4	2,930	3/4	4,003	3/4		3/4		3/4		3/4		3/4		3/4	
9	805	9	1,879	9	2,952	9	4,026	9		9		9		9		9		9	
1/4	827	1/4	1,901	1/4	2,974	1/4	4,048	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	850	1/2	1,923	1/2	2,997	1/2	4,070	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	872	3/4	1,946	3/4	3,019	3/4	4,093	3/4		3/4		3/4		3/4		3/4		3/4	
10	895	10	1,968	10	3,042	10	4,115	10		10		10		10		10		10	
1/4	917	1/4	1,990	1/4	3,064	1/4	4,137	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	939	1/2	2,013	1/2	3,086	1/2	4,160	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	962	3/4	2,035	3/4	3,109	3/4	4,182	3/4		3/4		3/4		3/4		3/4		3/4	
11	984	11	2,057	11	3,131	11	4,204	11		11		11		11		11		11	
1/4	1,006	1/4	2,080	1/4	3,153	1/4	4,227	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,029	1/2	2,102	1/2	3,176	1/2	4,249	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,051	3/4	2,125	3/4	3,198	3/4	4,272	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.

STRAPPED: 02/21/2023 JS  
CALCULATED: 02/21/2023 CL  
PRINTED: 02/21/2023 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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