



BARGE "KIRBY 28747"

ULLAGE TRIM TABLE

	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	00-1/8	- 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
1 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
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	00-5/8	- 00-5/8	01-1/4	- 01-1/4	02-0/8	- 02-0/8	02-5/8	- 02-5/8	03-1/4	- 03-1/4	03-7/8	- 03-7/8
3 STBD	00-5/8	- 00-5/8	01-1/4	- 01-1/4	02-0/8	- 02-0/8	02-5/8	- 02-5/8	03-1/4	- 03-1/4	03-7/8	- 03-7/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

LENGTH BETWEEN DRAFT MARKS: 238'-06"

August 4, 2023

**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 1 PORT IS - 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"



BARGE "KIRBY 28747"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 2003"

GAUGE HEIGHT 17'-03 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		0	5,084.26	0	4,753.42	0	4,394.42	0	4,035.43	0	3,676.44	0	3,317.45	0	2,958.46
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,080.40	1/4	4,745.94	1/4	4,386.95	1/4	4,027.96	1/4	3,668.96	1/4	3,309.97	1/4	2,950.98
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,076.53	1/2	4,738.46	1/2	4,379.47	1/2	4,020.48	1/2	3,661.48	1/2	3,302.49	1/2	2,943.50
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,072.66	3/4	4,730.98	3/4	4,371.99	3/4	4,013.00	3/4	3,654.00	3/4	3,295.01	3/4	2,936.02
1	1	1	1	1	1	1	5,067.69	1	4,723.50	1	4,364.51	1	4,005.52	1	3,646.52	1	3,287.53	1	2,928.54
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,062.71	1/4	4,716.02	1/4	4,357.03	1/4	3,998.04	1/4	3,639.05	1/4	3,280.06	1/4	2,921.06
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,057.74	1/2	4,708.54	1/2	4,349.55	1/2	3,990.56	1/2	3,631.57	1/2	3,272.58	1/2	2,913.58
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,052.76	3/4	4,701.06	3/4	4,342.07	3/4	3,983.08	3/4	3,624.09	3/4	3,265.10	3/4	2,906.10
2	2	2	2	2	2	2	5,046.68	2	4,693.58	2	4,334.59	2	3,975.60	2	3,616.61	2	3,257.62	2	2,898.62
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,040.60	1/4	4,686.11	1/4	4,327.12	1/4	3,968.12	1/4	3,609.13	1/4	3,250.14	1/4	2,891.15
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,034.52	1/2	4,678.63	1/2	4,319.64	1/2	3,960.64	1/2	3,601.65	1/2	3,242.66	1/2	2,883.67
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,028.44	3/4	4,671.15	3/4	4,312.16	3/4	3,953.16	3/4	3,594.17	3/4	3,235.18	3/4	2,876.19
3	3	3	3	3	3	3	5,021.39	3	4,663.67	3	4,304.68	3	3,945.68	3	3,586.69	3	3,227.70	3	2,868.71
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,014.33	1/4	4,656.19	1/4	4,297.20	1/4	3,938.21	1/4	3,579.22	1/4	3,220.22	1/4	2,861.23
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,007.28	1/2	4,648.71	1/2	4,289.72	1/2	3,930.73	1/2	3,571.74	1/2	3,212.74	1/2	2,853.75
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,000.22	3/4	4,641.23	3/4	4,282.24	3/4	3,923.25	3/4	3,564.26	3/4	3,205.26	3/4	2,846.27
4	4	4	4	4	4	4	4,992.74	4	4,633.75	4	4,274.76	4	3,915.77	4	3,556.78	4	3,197.78	4	2,838.79
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,985.27	1/4	4,626.28	1/4	4,267.28	1/4	3,908.29	1/4	3,549.30	1/4	3,190.31	1/4	2,831.32
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,977.79	1/2	4,618.80	1/2	4,259.80	1/2	3,900.81	1/2	3,541.82	1/2	3,182.83	1/2	2,823.84
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,970.31	3/4	4,611.32	3/4	4,252.32	3/4	3,893.33	3/4	3,534.34	3/4	3,175.35	3/4	2,816.36
5	5	5	5	5	5	5	4,962.83	5	4,603.84	5	4,244.84	5	3,885.85	5	3,526.86	5	3,167.87	5	2,808.88
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,955.35	1/4	4,596.36	1/4	4,237.37	1/4	3,878.38	1/4	3,519.39	1/4	3,160.39	1/4	2,801.40
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,947.87	1/2	4,588.88	1/2	4,229.89	1/2	3,870.90	1/2	3,511.90	1/2	3,152.91	1/2	2,793.92
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,940.39	3/4	4,581.40	3/4	4,222.41	3/4	3,863.42	3/4	3,504.42	3/4	3,145.43	3/4	2,786.44
6	6	6	6	6	6	6	4,932.91	6	4,573.92	6	4,214.93	6	3,855.94	6	3,496.94	6	3,137.95	6	2,778.96
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,925.44	1/4	4,566.44	1/4	4,207.45	1/4	3,848.46	1/4	3,489.47	1/4	3,130.48	1/4	2,771.48
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,917.96	1/2	4,558.96	1/2	4,199.97	1/2	3,840.98	1/2	3,481.99	1/2	3,123.00	1/2	2,764.00
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,910.48	3/4	4,551.48	3/4	4,192.49	3/4	3,833.50	3/4	3,474.51	3/4	3,115.52	3/4	2,756.52
7	7	7	7	7	7	7	4,903.00	7	4,544.00	7	4,185.01	7	3,825.88	7	3,467.03	7	3,108.04	7	2,749.04
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,895.52	1/4	4,536.53	1/4	4,177.54	1/4	3,818.25	1/4	3,459.55	1/4	3,100.56	1/4	2,741.57
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,888.04	1/2	4,529.05	1/2	4,170.06	1/2	3,810.63	1/2	3,452.07	1/2	3,093.08	1/2	2,734.09
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,880.56	3/4	4,521.57	3/4	4,162.58	3/4	3,803.00	3/4	3,444.59	3/4	3,085.60	3/4	2,726.61
8	8	8	8	8	8	8	4,873.08	8	4,514.09	8	4,155.10	8	3,795.67	8	3,437.11	8	3,078.12	8	2,719.13
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,865.60	1/4	4,506.61	1/4	4,147.62	1/4	3,788.34	1/4	3,429.64	1/4	3,070.64	1/4	2,711.65
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,858.12	1/2	4,499.13	1/2	4,140.14	1/2	3,781.00	1/2	3,422.16	1/2	3,063.16	1/2	2,704.17
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,108.41	3/4	4,850.64	3/4	4,491.65	3/4	4,132.66	3/4	3,773.67	3/4	3,414.68	3/4	2,696.69
9	9	9	9	9	9	9	5,107.76	9	4,843.16	9	4,484.17	9	4,125.18	9	3,766.19	9	3,407.20	9	2,689.21
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,107.11	1/4	4,835.69	1/4	4,476.70	1/4	4,117.70	1/4	3,758.71	1/4	3,399.72	1/4	2,681.74
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,106.45	1/2	4,828.21	1/2	4,469.22	1/2	4,110.22	1/2	3,751.23	1/2	3,392.24	1/2	2,674.26
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,105.80	3/4	4,820.73	3/4	4,461.74	3/4	4,102.74	3/4	3,743.75	3/4	3,384.76	3/4	2,666.78
10	10	10	10	10	10	10	5,104.15	10	4,813.25	10	4,454.26	10	4,095.26	10	3,736.27	10	3,377.28	10	2,659.30
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,102.49	1/4	4,805.77	1/4	4,446.78	1/4	4,087.79	1/4	3,728.80	1/4	3,369.80	1/4	2,651.82
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,100.84	1/2	4,798.29	1/2	4,439.30	1/2	4,080.31	1/2	3,721.32	1/2	3,362.32	1/2	2,644.34
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,099.18	3/4	4,790.81	3/4	4,431.82	3/4	4,072.83	3/4	3,713.84	3/4	3,354.84	3/4	2,636.86
11	11	11	11	11	11	11	5,096.42	11	4,783.33	11	4,424.34	11	4,065.35	11	3,706.36	11	3,347.36	11	2,629.38
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,093.66	1/4	4,775.86	1/4	4,416.86	1/4	4,057.87	1/4	3,698.88	1/4	3,339.89	1/4	2,621.90
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,090.89	1/2	4,768.38	1/2	4,409.38	1/2	4,050.39	1/2	3,691.40	1/2	3,332.41	1/2	2,614.42
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,088.13	3/4	4,760.90	3/4	4,401.90	3/4	4,042.91	3/4	3,683.92	3/4	3,324.93	3/4	2,606.94

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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 Pearland, Texas 77588
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BARGE "KIRBY 28747"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 2003"

GAUGE HEIGHT 17'-03 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,599.46	0	2,240.47	0	1,881.48	0	1,522.49	0	1,163.50	0	804.50	0	446.21	0	113.45	0		0	
1/4	2,591.99	1/4	2,233.00	1/4	1,874.00	1/4	1,515.01	1/4	1,156.02	1/4	797.03	1/4	438.90	1/4	106.93	1/4		1/4	
1/2	2,584.51	1/2	2,225.52	1/2	1,866.52	1/2	1,507.53	1/2	1,148.54	1/2	789.55	1/2	431.59	1/2	100.40	1/2		1/2	
3/4	2,577.03	3/4	2,218.04	3/4	1,859.04	3/4	1,500.05	3/4	1,141.06	3/4	782.07	3/4	424.28	3/4	93.87	3/4		3/4	
1	2,569.55	1	2,210.56	1	1,851.56	1	1,492.57	1	1,133.58	1	774.59	1	417.00	1	87.37	1		1	
1/4	2,562.07	1/4	2,203.08	1/4	1,844.09	1/4	1,485.10	1/4	1,126.10	1/4	767.11	1/4	409.72	1/4	80.88	1/4		1/4	
1/2	2,554.59	1/2	2,195.60	1/2	1,836.61	1/2	1,477.62	1/2	1,118.62	1/2	759.63	1/2	402.44	1/2	74.38	1/2		1/2	
3/4	2,547.11	3/4	2,188.12	3/4	1,829.13	3/4	1,470.14	3/4	1,111.14	3/4	752.15	3/4	395.16	3/4	67.88	3/4		3/4	
2	2,539.63	2	2,180.64	2	1,821.65	2	1,462.66	2	1,103.66	2	744.67	2	388.01	2	61.54	2		2	
1/4	2,532.16	1/4	2,173.16	1/4	1,814.17	1/4	1,455.18	1/4	1,096.19	1/4	737.20	1/4	380.86	1/4	55.20	1/4		1/4	
1/2	2,524.68	1/2	2,165.68	1/2	1,806.69	1/2	1,447.70	1/2	1,088.71	1/2	729.72	1/2	373.71	1/2	48.85	1/2		1/2	
3/4	2,517.20	3/4	2,158.20	3/4	1,799.21	3/4	1,440.22	3/4	1,081.23	3/4	722.24	3/4	366.56	3/4	42.51	3/4		3/4	
3	2,509.72	3	2,150.72	3	1,791.73	3	1,432.74	3	1,073.75	3	714.76	3	359.45	3	37.45	3		3	
1/4	2,502.24	1/4	2,143.25	1/4	1,784.26	1/4	1,425.26	1/4	1,066.27	1/4	707.28	1/4	352.35	1/4	32.40	1/4		1/4	
1/2	2,494.76	1/2	2,135.77	1/2	1,776.78	1/2	1,417.78	1/2	1,058.79	1/2	699.80	1/2	345.24	1/2	27.34	1/2		1/2	
3/4	2,487.28	3/4	2,128.29	3/4	1,769.30	3/4	1,410.30	3/4	1,051.31	3/4	692.32	3/4	338.13	3/4	22.28	3/4		3/4	
4	2,479.80	4	2,120.81	4	1,761.82	4	1,402.82	4	1,043.83	4	684.84	4	331.12	4		4		4	
1/4	2,472.32	1/4	2,113.33	1/4	1,754.34	1/4	1,395.35	1/4	1,036.36	1/4	677.36	1/4	324.10	1/4		1/4		1/4	
1/2	2,464.84	1/2	2,105.85	1/2	1,746.86	1/2	1,387.87	1/2	1,028.88	1/2	669.88	1/2	317.09	1/2		1/2		1/2	
3/4	2,457.36	3/4	2,098.37	3/4	1,739.38	3/4	1,380.39	3/4	1,021.40	3/4	662.40	3/4	310.07	3/4		3/4		3/4	
5	2,449.88	5	2,090.89	5	1,731.90	5	1,372.91	5	1,013.92	5	654.92	5	303.09	5		5		5	
1/4	2,442.41	1/4	2,083.42	1/4	1,724.42	1/4	1,365.43	1/4	1,006.44	1/4	647.45	1/4	296.11	1/4		1/4		1/4	
1/2	2,434.93	1/2	2,075.94	1/2	1,716.94	1/2	1,357.95	1/2	998.96	1/2	639.97	1/2	289.12	1/2		1/2		1/2	
3/4	2,427.45	3/4	2,068.46	3/4	1,709.46	3/4	1,350.47	3/4	991.48	3/4	632.49	3/4	282.14	3/4		3/4		3/4	
6	2,419.97	6	2,060.98	6	1,701.98	6	1,342.99	6	984.00	6	625.01	6	275.25	6		6		6	
1/4	2,412.49	1/4	2,053.50	1/4	1,694.51	1/4	1,335.52	1/4	976.52	1/4	617.53	1/4	268.35	1/4		1/4		1/4	
1/2	2,405.01	1/2	2,046.02	1/2	1,687.03	1/2	1,328.04	1/2	969.04	1/2	610.05	1/2	261.46	1/2		1/2		1/2	
3/4	2,397.53	3/4	2,038.54	3/4	1,679.55	3/4	1,320.56	3/4	961.56	3/4	602.57	3/4	254.56	3/4		3/4		3/4	
7	2,390.05	7	2,031.06	7	1,672.07	7	1,313.08	7	954.08	7	595.09	7	247.70	7		7		7	
1/4	2,382.58	1/4	2,023.58	1/4	1,664.59	1/4	1,305.60	1/4	946.61	1/4	587.62	1/4	240.84	1/4		1/4		1/4	
1/2	2,375.10	1/2	2,016.10	1/2	1,657.11	1/2	1,298.12	1/2	939.13	1/2	580.14	1/2	233.97	1/2		1/2		1/2	
3/4	2,367.62	3/4	2,008.62	3/4	1,649.63	3/4	1,290.64	3/4	931.65	3/4	572.66	3/4	227.11	3/4		3/4		3/4	
8	2,360.14	8	2,001.14	8	1,642.15	8	1,283.16	8	924.17	8	565.18	8	220.34	8		8		8	
1/4	2,352.66	1/4	1,993.67	1/4	1,634.68	1/4	1,275.68	1/4	916.69	1/4	557.70	1/4	213.57	1/4		1/4		1/4	
1/2	2,345.18	1/2	1,986.19	1/2	1,627.20	1/2	1,268.20	1/2	909.21	1/2	550.22	1/2	206.79	1/2		1/2		1/2	
3/4	2,337.70	3/4	1,978.71	3/4	1,619.72	3/4	1,260.72	3/4	901.73	3/4	542.74	3/4	200.02	3/4		3/4		3/4	
9	2,330.22	9	1,971.23	9	1,612.24	9	1,253.24	9	894.25	9	535.26	9	193.28	9		9		9	
1/4	2,322.74	1/4	1,963.75	1/4	1,604.76	1/4	1,245.77	1/4	886.78	1/4	527.78	1/4	186.54	1/4		1/4		1/4	
1/2	2,315.26	1/2	1,956.27	1/2	1,597.28	1/2	1,238.29	1/2	879.30	1/2	520.30	1/2	179.80	1/2		1/2		1/2	
3/4	2,307.78	3/4	1,948.79	3/4	1,589.80	3/4	1,230.81	3/4	871.82	3/4	512.82	3/4	173.06	3/4		3/4		3/4	
10	2,300.30	10	1,941.31	10	1,582.32	10	1,223.33	10	864.34	10	505.40	10	166.41	10		10		10	
1/4	2,292.83	1/4	1,933.84	1/4	1,574.84	1/4	1,215.85	1/4	856.86	1/4	497.98	1/4	159.76	1/4		1/4		1/4	
1/2	2,285.35	1/2	1,926.36	1/2	1,567.36	1/2	1,208.37	1/2	849.38	1/2	490.56	1/2	153.11	1/2		1/2		1/2	
3/4	2,277.87	3/4	1,918.88	3/4	1,559.88	3/4	1,200.89	3/4	841.90	3/4	483.14	3/4	146.46	3/4		3/4		3/4	
11	2,270.39	11	1,911.40	11	1,552.40	11	1,193.41	11	834.42	11	475.74	11	139.84	11		11		11	
1/4	2,262.91	1/4	1,903.92	1/4	1,544.93	1/4	1,185.94	1/4	826.94	1/4	468.33	1/4	133.22	1/4		1/4		1/4	
1/2	2,255.43	1/2	1,896.44	1/2	1,537.45	1/2	1,178.46	1/2	819.46	1/2	460.93	1/2	126.60	1/2		1/2		1/2	
3/4	2,247.95	3/4	1,888.96	3/4	1,529.97	3/4	1,170.98	3/4	811.98	3/4	453.52	3/4	119.98	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/02/2008 INSP
RECOMPUTED: 08/04/2023 CL
VERIFIED: 08/04/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2023

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



BARGE "KIRBY 28747"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 2003"

GAUGE HEIGHT 17'-04"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
							5,088.13		4,760.90		4,401.90		4,042.91		3,683.92		3,324.93		2,965.94
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,084.26	1/4	4,753.42	1/4	4,394.42	1/4	4,035.43	1/4	3,676.44	1/4	3,317.45	1/4	2,958.46
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,080.40	1/2	4,745.94	1/2	4,386.95	1/2	4,027.96	1/2	3,668.96	1/2	3,309.97	1/2	2,950.98
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,076.53	3/4	4,738.46	3/4	4,379.47	3/4	4,020.48	3/4	3,661.48	3/4	3,302.49	3/4	2,943.50
1	1	1	1	1	1	1	5,072.66	1	4,730.98	1	4,371.99	1	4,013.00	1	3,654.00	1	3,295.01	1	2,936.02
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,067.69	1/4	4,723.50	1/4	4,364.51	1/4	4,005.52	1/4	3,646.52	1/4	3,287.53	1/4	2,928.54
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,062.71	1/2	4,716.02	1/2	4,357.03	1/2	3,998.04	1/2	3,639.05	1/2	3,280.06	1/2	2,921.06
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,057.74	3/4	4,708.54	3/4	4,349.55	3/4	3,990.56	3/4	3,631.57	3/4	3,272.58	3/4	2,913.58
2	2	2	2	2	2	2	5,052.76	2	4,701.06	2	4,342.07	2	3,983.08	2	3,624.09	2	3,265.10	2	2,906.10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,046.68	1/4	4,693.58	1/4	4,334.59	1/4	3,975.60	1/4	3,616.61	1/4	3,257.62	1/4	2,898.62
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,040.60	1/2	4,686.11	1/2	4,327.12	1/2	3,968.12	1/2	3,609.13	1/2	3,250.14	1/2	2,891.15
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,034.52	3/4	4,678.63	3/4	4,319.64	3/4	3,960.64	3/4	3,601.65	3/4	3,242.66	3/4	2,883.67
3	3	3	3	3	3	3	5,028.44	3	4,671.15	3	4,312.16	3	3,953.16	3	3,594.17	3	3,235.18	3	2,876.19
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,021.39	1/4	4,663.67	1/4	4,304.68	1/4	3,945.68	1/4	3,586.69	1/4	3,227.70	1/4	2,868.71
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,014.33	1/2	4,656.19	1/2	4,297.20	1/2	3,938.21	1/2	3,579.22	1/2	3,220.22	1/2	2,861.23
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,007.28	3/4	4,648.71	3/4	4,289.72	3/4	3,930.73	3/4	3,571.74	3/4	3,212.74	3/4	2,853.75
4	4	4	4	4	4	4	5,000.22	4	4,641.23	4	4,282.24	4	3,923.25	4	3,564.26	4	3,205.26	4	2,846.27
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,992.74	1/4	4,633.75	1/4	4,274.76	1/4	3,915.77	1/4	3,556.78	1/4	3,197.78	1/4	2,838.79
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,985.27	1/2	4,626.28	1/2	4,267.28	1/2	3,908.29	1/2	3,549.30	1/2	3,190.31	1/2	2,831.32
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,977.79	3/4	4,618.80	3/4	4,259.80	3/4	3,900.81	3/4	3,541.82	3/4	3,182.83	3/4	2,823.84
5	5	5	5	5	5	5	4,970.31	5	4,611.32	5	4,252.32	5	3,893.33	5	3,534.34	5	3,175.35	5	2,816.36
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,962.83	1/4	4,603.84	1/4	4,244.84	1/4	3,885.85	1/4	3,526.86	1/4	3,167.87	1/4	2,808.88
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,955.35	1/2	4,596.36	1/2	4,237.37	1/2	3,878.38	1/2	3,519.38	1/2	3,160.39	1/2	2,801.40
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,947.87	3/4	4,588.88	3/4	4,229.89	3/4	3,870.90	3/4	3,511.90	3/4	3,152.91	3/4	2,793.92
6	6	6	6	6	6	6	4,940.39	6	4,581.40	6	4,222.41	6	3,863.42	6	3,504.42	6	3,145.43	6	2,786.44
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,932.91	1/4	4,573.92	1/4	4,214.93	1/4	3,855.94	1/4	3,496.94	1/4	3,137.95	1/4	2,778.96
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,925.44	1/2	4,566.44	1/2	4,207.45	1/2	3,848.46	1/2	3,489.47	1/2	3,130.48	1/2	2,771.48
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,917.96	3/4	4,558.96	3/4	4,199.97	3/4	3,840.98	3/4	3,481.99	3/4	3,123.00	3/4	2,764.00
7	7	7	7	7	7	7	4,910.48	7	4,551.48	7	4,192.49	7	3,833.50	7	3,474.51	7	3,115.52	7	2,756.52
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,903.00	1/4	4,544.00	1/4	4,185.01	1/4	3,825.88	1/4	3,467.03	1/4	3,108.04	1/4	2,749.04
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,895.52	1/2	4,536.53	1/2	4,177.54	1/2	3,818.25	1/2	3,459.55	1/2	3,100.56	1/2	2,741.57
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,888.04	3/4	4,529.05	3/4	4,170.06	3/4	3,810.63	3/4	3,452.07	3/4	3,093.08	3/4	2,734.09
8	8	8	8	8	8	8	4,880.56	8	4,521.57	8	4,162.58	8	3,803.00	8	3,444.59	8	3,085.60	8	2,726.61
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,873.08	1/4	4,514.09	1/4	4,155.10	1/4	3,795.67	1/4	3,437.11	1/4	3,078.12	1/4	2,719.13
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,865.60	1/2	4,506.61	1/2	4,147.62	1/2	3,788.34	1/2	3,429.64	1/2	3,070.64	1/2	2,711.65
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,858.12	3/4	4,499.13	3/4	4,140.14	3/4	3,781.00	3/4	3,422.16	3/4	3,063.16	3/4	2,704.17
9	9	9	5,108.41	9	4,850.64	9	4,491.65	9	4,132.66	9	3,773.67	9	3,414.68	9	3,055.68	9	2,696.69		
1/4	1/4	1/4	5,107.76	1/4	4,843.16	1/4	4,484.17	1/4	4,125.18	1/4	3,766.19	1/4	3,407.20	1/4	3,048.20	1/4	2,689.21		
1/2	1/2	1/2	5,107.11	1/2	4,835.69	1/2	4,476.70	1/2	4,117.70	1/2	3,758.71	1/2	3,399.72	1/2	3,040.73	1/2	2,681.74		
3/4	3/4	3/4	5,106.45	3/4	4,828.21	3/4	4,469.22	3/4	4,110.22	3/4	3,751.23	3/4	3,392.24	3/4	3,033.25	3/4	2,674.26		
10	10	10	5,105.80	10	4,820.73	10	4,461.74	10	4,102.74	10	3,743.75	10	3,384.76	10	3,025.77	10	2,666.78		
1/4	1/4	1/4	5,104.15	1/4	4,813.25	1/4	4,454.26	1/4	4,095.26	1/4	3,736.27	1/4	3,377.28	1/4	3,018.29	1/4	2,659.30		
1/2	1/2	1/2	5,102.49	1/2	4,805.77	1/2	4,446.78	1/2	4,087.79	1/2	3,728.80	1/2	3,369.80	1/2	3,010.81	1/2	2,651.82		
3/4	3/4	3/4	5,100.84	3/4	4,798.29	3/4	4,439.30	3/4	4,080.31	3/4	3,721.32	3/4	3,362.32	3/4	3,003.33	3/4	2,644.34		
11	11	11	5,099.18	11	4,790.81	11	4,431.82	11	4,072.83	11	3,713.84	11	3,354.84	11	2,995.85	11	2,636.86		
1/4	1/4	1/4	5,096.42	1/4	4,783.33	1/4	4,424.34	1/4	4,065.35	1/4	3,706.36	1/4	3,347.36	1/4	2,988.37	1/4	2,629.38		
1/2	1/2	1/2	5,093.66	1/2	4,775.86	1/2	4,416.86	1/2	4,057.87	1/2	3,698.88	1/2	3,339.89	1/2	2,980.90	1/2	2,621.90		
3/4	3/4	3/4	5,090.89	3/4	4,768.38	3/4	4,409.38	3/4	4,050.39	3/4	3,691.40	3/4	3,332.41	3/4	2,973.42	3/4	2,614.42		

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" 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 28747"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 2003"

GAUGE HEIGHT 17'-04"

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	2,606.94	0	2,247.95	0	1,888.96	0	1,529.97	0	1,170.98	0	811.98	0	453.52	0	119.98	0		0	
1/4	2,599.46	1/4	2,240.47	1/4	1,881.48	1/4	1,522.49	1/4	1,163.50	1/4	804.50	1/4	446.21	1/4	113.45	1/4		1/4	
1/2	2,591.99	1/2	2,233.00	1/2	1,874.00	1/2	1,515.01	1/2	1,156.02	1/2	797.03	1/2	438.90	1/2	106.93	1/2		1/2	
3/4	2,584.51	3/4	2,225.52	3/4	1,866.52	3/4	1,507.53	3/4	1,148.54	3/4	789.55	3/4	431.59	3/4	100.40	3/4		3/4	
1	2,577.03	1	2,218.04	1	1,859.04	1	1,500.05	1	1,141.06	1	782.07	1	424.28	1	93.87	1		1	
1/4	2,569.55	1/4	2,210.56	1/4	1,851.56	1/4	1,492.57	1/4	1,133.58	1/4	774.59	1/4	417.00	1/4	87.37	1/4		1/4	
1/2	2,562.07	1/2	2,203.08	1/2	1,844.09	1/2	1,485.10	1/2	1,126.10	1/2	767.11	1/2	409.72	1/2	80.88	1/2		1/2	
3/4	2,554.59	3/4	2,195.60	3/4	1,836.61	3/4	1,477.62	3/4	1,118.62	3/4	759.63	3/4	402.44	3/4	74.38	3/4		3/4	
2	2,547.11	2	2,188.12	2	1,829.13	2	1,470.14	2	1,111.14	2	752.15	2	395.16	2	67.88	2		2	
1/4	2,539.63	1/4	2,180.64	1/4	1,821.65	1/4	1,462.66	1/4	1,103.66	1/4	744.67	1/4	388.01	1/4	61.54	1/4		1/4	
1/2	2,532.16	1/2	2,173.16	1/2	1,814.17	1/2	1,455.18	1/2	1,096.19	1/2	737.20	1/2	380.86	1/2	55.20	1/2		1/2	
3/4	2,524.68	3/4	2,165.68	3/4	1,806.69	3/4	1,447.70	3/4	1,088.71	3/4	729.72	3/4	373.71	3/4	48.85	3/4		3/4	
3	2,517.20	3	2,158.20	3	1,799.21	3	1,440.22	3	1,081.23	3	722.24	3	366.56	3	42.51	3		3	
1/4	2,509.72	1/4	2,150.72	1/4	1,791.73	1/4	1,432.74	1/4	1,073.75	1/4	714.76	1/4	359.45	1/4	37.45	1/4		1/4	
1/2	2,502.24	1/2	2,143.25	1/2	1,784.26	1/2	1,425.26	1/2	1,066.27	1/2	707.28	1/2	352.35	1/2	32.40	1/2		1/2	
3/4	2,494.76	3/4	2,135.77	3/4	1,776.78	3/4	1,417.78	3/4	1,058.79	3/4	699.80	3/4	345.24	3/4	27.34	3/4		3/4	
4	2,487.28	4	2,128.29	4	1,769.30	4	1,410.30	4	1,051.31	4	692.32	4	338.13	4	22.28	4		4	
1/4	2,479.80	1/4	2,120.81	1/4	1,761.82	1/4	1,402.82	1/4	1,043.83	1/4	684.84	1/4	331.12	1/4		1/4		1/4	
1/2	2,472.32	1/2	2,113.33	1/2	1,754.34	1/2	1,395.35	1/2	1,036.36	1/2	677.36	1/2	324.10	1/2		1/2		1/2	
3/4	2,464.84	3/4	2,105.85	3/4	1,746.86	3/4	1,387.87	3/4	1,028.88	3/4	669.88	3/4	317.09	3/4		3/4		3/4	
5	2,457.36	5	2,098.37	5	1,739.38	5	1,380.39	5	1,021.40	5	662.40	5	310.07	5		5		5	
1/4	2,449.88	1/4	2,090.89	1/4	1,731.90	1/4	1,372.91	1/4	1,013.92	1/4	654.92	1/4	303.09	1/4		1/4		1/4	
1/2	2,442.41	1/2	2,083.42	1/2	1,724.42	1/2	1,365.43	1/2	1,006.44	1/2	647.45	1/2	296.11	1/2		1/2		1/2	
3/4	2,434.93	3/4	2,075.94	3/4	1,716.94	3/4	1,357.95	3/4	998.96	3/4	639.97	3/4	289.12	3/4		3/4		3/4	
6	2,427.45	6	2,068.46	6	1,709.46	6	1,350.47	6	991.48	6	632.49	6	282.14	6		6		6	
1/4	2,419.97	1/4	2,060.98	1/4	1,701.98	1/4	1,342.99	1/4	984.00	1/4	625.01	1/4	275.25	1/4		1/4		1/4	
1/2	2,412.49	1/2	2,053.50	1/2	1,694.51	1/2	1,335.52	1/2	976.52	1/2	617.53	1/2	268.35	1/2		1/2		1/2	
3/4	2,405.01	3/4	2,046.02	3/4	1,687.03	3/4	1,328.04	3/4	969.04	3/4	610.05	3/4	261.46	3/4		3/4		3/4	
7	2,397.53	7	2,038.54	7	1,679.55	7	1,320.56	7	961.56	7	602.57	7	254.56	7		7		7	
1/4	2,390.05	1/4	2,031.06	1/4	1,672.07	1/4	1,313.08	1/4	954.08	1/4	595.09	1/4	247.70	1/4		1/4		1/4	
1/2	2,382.58	1/2	2,023.58	1/2	1,664.59	1/2	1,305.60	1/2	946.61	1/2	587.62	1/2	240.84	1/2		1/2		1/2	
3/4	2,375.10	3/4	2,016.10	3/4	1,657.11	3/4	1,298.12	3/4	939.13	3/4	580.14	3/4	233.97	3/4		3/4		3/4	
8	2,367.62	8	2,008.62	8	1,649.63	8	1,290.64	8	931.65	8	572.66	8	227.11	8		8		8	
1/4	2,360.14	1/4	2,001.14	1/4	1,642.15	1/4	1,283.16	1/4	924.17	1/4	565.18	1/4	220.34	1/4		1/4		1/4	
1/2	2,352.66	1/2	1,993.67	1/2	1,634.68	1/2	1,275.68	1/2	916.69	1/2	557.70	1/2	213.57	1/2		1/2		1/2	
3/4	2,345.18	3/4	1,986.19	3/4	1,627.20	3/4	1,268.20	3/4	909.21	3/4	550.22	3/4	206.79	3/4		3/4		3/4	
9	2,337.70	9	1,978.71	9	1,619.72	9	1,260.72	9	901.73	9	542.74	9	200.02	9		9		9	
1/4	2,330.22	1/4	1,971.23	1/4	1,612.24	1/4	1,253.24	1/4	894.25	1/4	535.26	1/4	193.28	1/4		1/4		1/4	
1/2	2,322.74	1/2	1,963.75	1/2	1,604.76	1/2	1,245.77	1/2	886.78	1/2	527.78	1/2	186.54	1/2		1/2		1/2	
3/4	2,315.26	3/4	1,956.27	3/4	1,597.28	3/4	1,238.29	3/4	879.30	3/4	520.30	3/4	179.80	3/4		3/4		3/4	
10	2,307.78	10	1,948.79	10	1,589.80	10	1,230.81	10	871.82	10	512.82	10	173.06	10		10		10	
1/4	2,300.30	1/4	1,941.31	1/4	1,582.32	1/4	1,223.33	1/4	864.34	1/4	505.40	1/4	166.41	1/4		1/4		1/4	
1/2	2,292.83	1/2	1,933.84	1/2	1,574.84	1/2	1,215.85	1/2	856.86	1/2	497.98	1/2	159.76	1/2		1/2		1/2	
3/4	2,285.35	3/4	1,926.36	3/4	1,567.36	3/4	1,208.37	3/4	849.38	3/4	490.56	3/4	153.11	3/4		3/4		3/4	
11	2,277.87	11	1,918.88	11	1,559.88	11	1,200.89	11	841.90	11	483.14	11	146.46	11		11		11	
1/4	2,270.39	1/4	1,911.40	1/4	1,552.40	1/4	1,193.41	1/4	834.42	1/4	475.74	1/4	139.84	1/4		1/4		1/4	
1/2	2,262.91	1/2	1,903.92	1/2	1,544.93	1/2	1,185.94	1/2	826.94	1/2	468.33	1/2	133.22	1/2		1/2		1/2	
3/4	2,255.43	3/4	1,896.44	3/4	1,537.45	3/4	1,178.46	3/4	819.46	3/4	460.93	3/4	126.60	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/02/2008 INSP
RECOMPUTED: 08/04/2023 CL
VERIFIED: 08/04/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2023

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



BARGE "KIRBY 28747"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 2003"

GAUGE HEIGHT 17'-04 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	5,127.79	0	4,811.55	0	4,453.48	0	4,094.72	0	3,735.97	0	3,377.22	0	3,018.47		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,125.02	1/4	4,804.13	1/4	4,446.00	1/4	4,087.25	1/4	3,728.50	1/4	3,369.74	1/4	3,011.00		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,122.25	1/2	4,796.70	1/2	4,438.53	1/2	4,079.78	1/2	3,721.03	1/2	3,362.27	1/2	3,003.52		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,118.38	3/4	4,789.27	3/4	4,431.05	3/4	4,072.30	3/4	3,713.55	3/4	3,354.80	3/4	2,996.05		
1	1	1	1	1	1	1	5,114.50	1	4,781.84	1	4,423.58	1	4,064.83	1	3,706.08	1	3,347.32	1	2,988.58		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,110.63	1/4	4,774.41	1/4	4,416.10	1/4	4,057.35	1/4	3,698.60	1/4	3,339.85	1/4	2,981.10		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,106.75	1/2	4,766.98	1/2	4,408.63	1/2	4,049.88	1/2	3,691.13	1/2	3,332.38	1/2	2,973.63		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,101.76	3/4	4,759.55	3/4	4,401.16	3/4	4,042.41	3/4	3,683.65	3/4	3,324.90	3/4	2,966.16		
2	2	2	2	2	2	2	5,096.78	2	4,752.12	2	4,393.68	2	4,034.93	2	3,676.18	2	3,317.43	2	2,958.68		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,091.79	1/4	4,744.69	1/4	4,386.21	1/4	4,027.46	1/4	3,668.70	1/4	3,309.95	1/4	2,951.21		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,086.80	1/2	4,737.26	1/2	4,378.74	1/2	4,019.99	1/2	3,661.23	1/2	3,302.48	1/2	2,943.73		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,080.72	3/4	4,729.83	3/4	4,371.26	3/4	4,012.51	3/4	3,653.76	3/4	3,295.01	3/4	2,936.26		
3	3	3	3	3	3	3	5,074.64	3	4,722.40	3	4,363.79	3	4,005.04	3	3,646.28	3	3,287.53	3	2,928.78		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,068.56	1/4	4,714.98	1/4	4,356.31	1/4	3,997.56	1/4	3,638.81	1/4	3,280.06	1/4	2,921.31		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,062.48	1/2	4,707.55	1/2	4,348.84	1/2	3,990.09	1/2	3,631.34	1/2	3,272.59	1/2	2,913.83		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,055.47	3/4	4,700.09	3/4	4,341.37	3/4	3,982.61	3/4	3,623.86	3/4	3,265.11	3/4	2,906.36		
4	4	4	4	4	4	4	5,048.45	4	4,692.62	4	4,333.89	4	3,975.14	4	3,616.39	4	3,257.64	4	2,898.89		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,041.44	1/4	4,685.16	1/4	4,326.42	1/4	3,967.66	1/4	3,608.91	1/4	3,250.16	1/4	2,891.41		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,034.42	1/2	4,677.70	1/2	4,318.95	1/2	3,960.19	1/2	3,601.44	1/2	3,242.69	1/2	2,883.94		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,026.99	3/4	4,670.22	3/4	4,311.47	3/4	3,952.72	3/4	3,593.97	3/4	3,235.22	3/4	2,876.47		
5	5	5	5	5	5	5	5,019.57	5	4,662.75	5	4,304.00	5	3,945.24	5	3,586.49	5	3,227.74	5	2,868.99		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,012.14	1/4	4,655.27	1/4	4,296.52	1/4	3,937.77	1/4	3,579.02	1/4	3,220.27	1/4	2,861.52		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,004.71	1/2	4,647.80	1/2	4,289.05	1/2	3,930.30	1/2	3,571.55	1/2	3,212.79	1/2	2,854.04		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,997.28	3/4	4,640.33	3/4	4,281.57	3/4	3,922.82	3/4	3,564.07	3/4	3,205.32	3/4	2,846.57		
6	6	6	6	6	6	6	4,989.85	6	4,632.85	6	4,274.10	6	3,915.35	6	3,556.60	6	3,197.85	6	2,839.10		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,982.42	1/4	4,625.38	1/4	4,266.62	1/4	3,907.87	1/4	3,549.12	1/4	3,190.37	1/4	2,831.62		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,974.99	1/2	4,617.91	1/2	4,259.15	1/2	3,900.40	1/2	3,541.65	1/2	3,182.90	1/2	2,824.15		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,967.56	3/4	4,610.43	3/4	4,251.68	3/4	3,892.93	3/4	3,534.17	3/4	3,175.43	3/4	2,816.68		
7	7	7	7	7	7	7	4,960.14	7	4,602.96	7	4,244.20	7	3,885.45	7	3,526.70	7	3,167.95	7	2,809.20		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,952.71	1/4	4,595.48	1/4	4,236.73	1/4	3,877.98	1/4	3,519.22	1/4	3,160.48	1/4	2,801.73		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,945.28	1/2	4,588.01	1/2	4,229.26	1/2	3,870.51	1/2	3,511.75	1/2	3,153.00	1/2	2,794.25		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,937.85	3/4	4,580.53	3/4	4,221.78	3/4	3,863.03	3/4	3,504.28	3/4	3,145.53	3/4	2,786.78		
8	8	8	8	8	8	8	4,930.42	8	4,573.06	8	4,214.31	8	3,855.56	8	3,496.80	8	3,138.06	8	2,779.30		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,922.99	1/4	4,565.58	1/4	4,206.83	1/4	3,848.08	1/4	3,489.33	1/4	3,130.58	1/4	2,771.83		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,915.56	1/2	4,558.11	1/2	4,199.36	1/2	3,840.61	1/2	3,481.86	1/2	3,123.11	1/2	2,764.35		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,908.13	3/4	4,550.64	3/4	4,191.89	3/4	3,833.13	3/4	3,474.38	3/4	3,115.64	3/4	2,756.88		
9	9	9	9	9	9	9	4,900.70	9	4,543.16	9	4,184.41	9	3,825.66	9	3,466.91	9	3,108.16	9	2,749.41		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,893.27	1/4	4,535.69	1/4	4,176.94	1/4	3,818.18	1/4	3,459.43	1/4	3,100.69	1/4	2,741.93		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,142.58	1/2	4,885.84	1/2	4,528.22	1/2	4,169.47	1/2	3,810.71	1/2	3,451.96	1/2	3,093.21	1/2	2,734.46
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,141.93	3/4	4,878.41	3/4	4,520.74	3/4	4,161.99	3/4	3,803.24	3/4	3,444.49	3/4	3,085.74	3/4	2,726.99
10	10	10	10	10	10	10	4,870.99	10	4,513.27	10	4,154.52	10	3,795.76	10	3,437.01	10	3,078.26	10	2,719.51		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,863.56	1/4	4,505.79	1/4	4,147.04	1/4	3,788.29	1/4	3,429.54	1/4	3,070.79	1/4	2,712.04		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,139.96	1/2	4,856.13	1/2	4,498.32	1/2	4,139.57	1/2	3,780.82	1/2	3,422.07	1/2	3,063.31	1/2	2,704.56
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,138.30	3/4	4,848.70	3/4	4,490.85	3/4	4,132.09	3/4	3,773.34	3/4	3,414.59	3/4	3,055.84	3/4	2,697.09
11	11	11	11	11	11	11	5,136.65	11	4,841.27	11	4,483.37	11	4,124.62	11	3,765.87	11	3,407.12	11	3,048.37	11	2,689.62
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,134.99	1/4	4,833.84	1/4	4,475.90	1/4	4,117.14	1/4	3,758.39	1/4	3,399.64	1/4	3,040.89	1/4	2,682.14
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,133.33	1/2	4,826.41	1/2	4,468.43	1/2	4,109.67	1/2	3,750.92	1/2	3,392.17	1/2	3,033.42	1/2	2,674.67
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,130.56	3/4	4,818.98	3/4	4,460.95	3/4	4,102.20	3/4	3,743.45	3/4	3,384.69	3/4	3,025.95	3/4	2,667.20

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" 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 28747"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 2003"

GAUGE HEIGHT 17'-04 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	2,659.72	0	2,300.97	0	1,942.22	0	1,583.46	0	1,224.71	0	865.96	0	507.21	0	149.90	0		0	
1/4	2,652.25	1/4	2,293.49	1/4	1,934.74	1/4	1,575.99	1/4	1,217.24	1/4	858.49	1/4	499.73	1/4	142.47	1/4		1/4	
1/2	2,644.77	1/2	2,286.02	1/2	1,927.27	1/2	1,568.51	1/2	1,209.76	1/2	851.01	1/2	492.26	1/2	135.03	1/2		1/2	
3/4	2,637.30	3/4	2,278.55	3/4	1,919.80	3/4	1,561.04	3/4	1,202.29	3/4	843.54	3/4	484.79	3/4	127.60	3/4		3/4	
1	2,629.82	1	2,271.07	1	1,912.32	1	1,553.57	1	1,194.82	1	836.06	1	477.31	1	120.16	1		1	
1/4	2,622.35	1/4	2,263.60	1/4	1,904.85	1/4	1,546.09	1/4	1,187.34	1/4	828.59	1/4	469.84	1/4	112.73	1/4		1/4	
1/2	2,614.87	1/2	2,256.12	1/2	1,897.37	1/2	1,538.62	1/2	1,179.87	1/2	821.11	1/2	462.36	1/2	105.29	1/2		1/2	
3/4	2,607.40	3/4	2,248.65	3/4	1,889.90	3/4	1,531.15	3/4	1,172.40	3/4	813.64	3/4	454.89	3/4	97.86	3/4		3/4	
2	2,599.93	2	2,241.18	2	1,882.42	2	1,523.67	2	1,164.92	2	806.17	2	447.42	2	90.42	2		2	
1/4	2,592.45	1/4	2,233.70	1/4	1,874.95	1/4	1,516.20	1/4	1,157.45	1/4	798.69	1/4	439.94	1/4	82.99	1/4		1/4	
1/2	2,584.98	1/2	2,226.23	1/2	1,867.47	1/2	1,508.72	1/2	1,149.97	1/2	791.22	1/2	432.47	1/2	75.55	1/2		1/2	
3/4	2,577.51	3/4	2,218.76	3/4	1,860.00	3/4	1,501.25	3/4	1,142.50	3/4	783.75	3/4	425.03	3/4	68.21	3/4		3/4	
3	2,570.03	3	2,211.28	3	1,852.53	3	1,493.78	3	1,135.02	3	776.27	3	417.58	3	60.87	3		3	
1/4	2,562.56	1/4	2,203.81	1/4	1,845.05	1/4	1,486.30	1/4	1,127.55	1/4	768.80	1/4	410.14	1/4	53.53	1/4		1/4	
1/2	2,555.08	1/2	2,196.33	1/2	1,837.58	1/2	1,478.83	1/2	1,120.07	1/2	761.32	1/2	402.69	1/2	46.19	1/2		1/2	
3/4	2,547.61	3/4	2,188.86	3/4	1,830.11	3/4	1,471.36	3/4	1,112.60	3/4	753.85	3/4	395.26	3/4	40.45	3/4		3/4	
4	2,540.14	4	2,181.38	4	1,822.63	4	1,463.88	4	1,105.13	4	746.38	4	387.82	4	34.70	4		4	
1/4	2,532.66	1/4	2,173.91	1/4	1,815.16	1/4	1,456.41	1/4	1,097.65	1/4	738.90	1/4	380.39	1/4	28.96	1/4		1/4	
1/2	2,525.19	1/2	2,166.43	1/2	1,807.68	1/2	1,448.93	1/2	1,090.18	1/2	731.43	1/2	372.95	1/2	23.21	1/2		1/2	
3/4	2,517.72	3/4	2,158.96	3/4	1,800.21	3/4	1,441.46	3/4	1,082.71	3/4	723.96	3/4	365.52	3/4		3/4		3/4	
5	2,510.24	5	2,151.49	5	1,792.74	5	1,433.98	5	1,075.23	5	716.48	5	358.08	5		5		5	
1/4	2,502.77	1/4	2,144.01	1/4	1,785.26	1/4	1,426.51	1/4	1,067.76	1/4	709.01	1/4	350.65	1/4		1/4		1/4	
1/2	2,495.29	1/2	2,136.54	1/2	1,777.79	1/2	1,419.03	1/2	1,060.28	1/2	701.53	1/2	343.21	1/2		1/2		1/2	
3/4	2,487.82	3/4	2,129.07	3/4	1,770.32	3/4	1,411.56	3/4	1,052.81	3/4	694.06	3/4	335.78	3/4		3/4		3/4	
6	2,480.34	6	2,121.59	6	1,762.84	6	1,404.09	6	1,045.34	6	686.58	6	328.34	6		6		6	
1/4	2,472.87	1/4	2,114.12	1/4	1,755.37	1/4	1,396.61	1/4	1,037.86	1/4	679.11	1/4	320.91	1/4		1/4		1/4	
1/2	2,465.39	1/2	2,106.64	1/2	1,747.89	1/2	1,389.14	1/2	1,030.39	1/2	671.63	1/2	313.47	1/2		1/2		1/2	
3/4	2,457.92	3/4	2,099.17	3/4	1,740.42	3/4	1,381.67	3/4	1,022.92	3/4	664.16	3/4	306.04	3/4		3/4		3/4	
7	2,450.45	7	2,091.69	7	1,732.94	7	1,374.19	7	1,015.44	7	656.69	7	298.60	7		7		7	
1/4	2,442.97	1/4	2,084.22	1/4	1,725.47	1/4	1,366.72	1/4	1,007.97	1/4	649.21	1/4	291.17	1/4		1/4		1/4	
1/2	2,435.50	1/2	2,076.74	1/2	1,717.99	1/2	1,359.24	1/2	1,000.49	1/2	641.74	1/2	283.73	1/2		1/2		1/2	
3/4	2,428.03	3/4	2,069.27	3/4	1,710.52	3/4	1,351.77	3/4	993.02	3/4	634.27	3/4	276.30	3/4		3/4		3/4	
8	2,420.55	8	2,061.80	8	1,703.05	8	1,344.30	8	985.54	8	626.79	8	268.86	8		8		8	
1/4	2,413.08	1/4	2,054.32	1/4	1,695.57	1/4	1,336.82	1/4	978.07	1/4	619.32	1/4	261.43	1/4		1/4		1/4	
1/2	2,405.60	1/2	2,046.85	1/2	1,688.10	1/2	1,329.35	1/2	970.59	1/2	611.84	1/2	253.99	1/2		1/2		1/2	
3/4	2,398.13	3/4	2,039.38	3/4	1,680.63	3/4	1,321.88	3/4	963.12	3/4	604.37	3/4	246.56	3/4		3/4		3/4	
9	2,390.66	9	2,031.90	9	1,673.15	9	1,314.40	9	955.65	9	596.90	9	239.12	9		9		9	
1/4	2,383.18	1/4	2,024.43	1/4	1,665.68	1/4	1,306.93	1/4	948.17	1/4	589.42	1/4	231.69	1/4		1/4		1/4	
1/2	2,375.71	1/2	2,016.95	1/2	1,658.20	1/2	1,299.45	1/2	940.70	1/2	581.95	1/2	224.25	1/2		1/2		1/2	
3/4	2,368.24	3/4	2,009.48	3/4	1,650.73	3/4	1,291.98	3/4	933.23	3/4	574.48	3/4	216.82	3/4		3/4		3/4	
10	2,360.76	10	2,002.01	10	1,643.26	10	1,284.50	10	925.75	10	567.00	10	209.38	10		10		10	
1/4	2,353.29	1/4	1,994.53	1/4	1,635.78	1/4	1,277.03	1/4	918.28	1/4	559.53	1/4	201.95	1/4		1/4		1/4	
1/2	2,345.81	1/2	1,987.06	1/2	1,628.31	1/2	1,269.55	1/2	910.80	1/2	552.05	1/2	194.51	1/2		1/2		1/2	
3/4	2,338.34	3/4	1,979.59	3/4	1,620.84	3/4	1,262.08	3/4	903.33	3/4	544.58	3/4	187.08	3/4		3/4		3/4	
11	2,330.86	11	1,972.11	11	1,613.36	11	1,254.61	11	895.86	11	537.10	11	179.64	11		11		11	
1/4	2,323.39	1/4	1,964.64	1/4	1,605.89	1/4	1,247.13	1/4	888.38	1/4	529.63	1/4	172.21	1/4		1/4		1/4	
1/2	2,315.91	1/2	1,957.16	1/2	1,598.41	1/2	1,239.66	1/2	880.91	1/2	522.15	1/2	164.77	1/2		1/2		1/2	
3/4	2,308.44	3/4	1,949.69	3/4	1,590.94	3/4	1,232.19	3/4	873.44	3/4	514.68	3/4	157.34	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/02/2008 INSP
RECOMPUTED: 08/04/2023 CL
VERIFIED: 08/04/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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BARGE "KIRBY 28747"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 2003"

GAUGE HEIGHT 17'-04"

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		IN			
0		0		0		0	5,122.25	0	4,796.70	0	4,438.53	0	4,079.78	0	3,721.03	0	3,362.27	0	3,003.52				
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,118.38	1/4	4,789.27	1/4	4,431.05	1/4	4,072.30	1/4	3,713.55	1/4	3,354.80	1/4	2,996.05				
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,114.50	1/2	4,781.84	1/2	4,423.58	1/2	4,064.83	1/2	3,706.08	1/2	3,347.32	1/2	2,988.58				
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,110.63	3/4	4,774.41	3/4	4,416.10	3/4	4,057.35	3/4	3,698.60	3/4	3,339.85	3/4	2,981.10				
1	1	1	1	1	1	1	5,106.75	1	4,766.98	1	4,408.63	1	4,049.88	1	3,691.13	1	3,332.38	1	2,973.63				
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,101.76	1/4	4,759.55	1/4	4,401.16	1/4	4,042.41	1/4	3,683.65	1/4	3,324.90	1/4	2,966.16				
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,096.78	1/2	4,752.12	1/2	4,393.68	1/2	4,034.93	1/2	3,676.18	1/2	3,317.43	1/2	2,958.68				
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,091.79	3/4	4,744.69	3/4	4,386.21	3/4	4,027.46	3/4	3,668.70	3/4	3,309.95	3/4	2,951.21				
2	2	2	2	2	2	2	5,086.80	2	4,737.26	2	4,378.74	2	4,019.99	2	3,661.23	2	3,302.48	2	2,943.73				
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,080.72	1/4	4,729.83	1/4	4,371.26	1/4	4,012.51	1/4	3,653.76	1/4	3,295.01	1/4	2,936.26				
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,074.64	1/2	4,722.40	1/2	4,363.79	1/2	4,005.04	1/2	3,646.28	1/2	3,287.53	1/2	2,928.78				
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,068.56	3/4	4,714.98	3/4	4,356.31	3/4	3,997.56	3/4	3,638.81	3/4	3,280.06	3/4	2,921.31				
3	3	3	3	3	3	3	5,062.48	3	4,707.55	3	4,348.84	3	3,990.09	3	3,631.34	3	3,272.59	3	2,913.83				
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,055.47	1/4	4,700.09	1/4	4,341.37	1/4	3,982.61	1/4	3,623.86	1/4	3,265.11	1/4	2,906.36				
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,048.45	1/2	4,692.62	1/2	4,333.89	1/2	3,975.14	1/2	3,616.39	1/2	3,257.64	1/2	2,898.89				
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,041.44	3/4	4,685.16	3/4	4,326.42	3/4	3,967.66	3/4	3,608.91	3/4	3,250.16	3/4	2,891.41				
4	4	4	4	4	4	4	5,034.42	4	4,677.70	4	4,318.95	4	3,960.19	4	3,601.44	4	3,242.69	4	2,883.94				
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,026.99	1/4	4,670.22	1/4	4,311.47	1/4	3,952.72	1/4	3,593.97	1/4	3,235.22	1/4	2,876.47				
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,019.57	1/2	4,662.75	1/2	4,304.00	1/2	3,945.24	1/2	3,586.49	1/2	3,227.74	1/2	2,868.99				
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,012.14	3/4	4,655.27	3/4	4,296.52	3/4	3,937.77	3/4	3,579.02	3/4	3,220.27	3/4	2,861.52				
5	5	5	5	5	5	5	5,004.71	5	4,647.80	5	4,289.05	5	3,930.30	5	3,571.55	5	3,212.79	5	2,854.04				
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,997.28	1/4	4,640.33	1/4	4,281.57	1/4	3,922.82	1/4	3,564.07	1/4	3,205.32	1/4	2,846.57				
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,989.85	1/2	4,632.85	1/2	4,274.10	1/2	3,915.35	1/2	3,556.60	1/2	3,197.85	1/2	2,839.10				
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,982.42	3/4	4,625.38	3/4	4,266.62	3/4	3,907.87	3/4	3,549.12	3/4	3,190.37	3/4	2,831.62				
6	6	6	6	6	6	6	4,974.99	6	4,617.91	6	4,259.15	6	3,900.40	6	3,541.65	6	3,182.90	6	2,824.15				
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,967.56	1/4	4,610.43	1/4	4,251.68	1/4	3,892.93	1/4	3,534.17	1/4	3,175.43	1/4	2,816.68				
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,960.14	1/2	4,602.96	1/2	4,244.20	1/2	3,885.45	1/2	3,526.70	1/2	3,167.95	1/2	2,809.20				
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,952.71	3/4	4,595.48	3/4	4,236.73	3/4	3,877.98	3/4	3,519.22	3/4	3,160.48	3/4	2,801.73				
7	7	7	7	7	7	7	4,945.28	7	4,588.01	7	4,229.26	7	3,870.51	7	3,511.75	7	3,153.00	7	2,794.25				
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,937.85	1/4	4,580.53	1/4	4,221.78	1/4	3,863.03	1/4	3,504.28	1/4	3,145.53	1/4	2,786.78				
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,930.42	1/2	4,573.06	1/2	4,214.31	1/2	3,855.56	1/2	3,496.80	1/2	3,138.06	1/2	2,779.30				
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,922.99	3/4	4,565.58	3/4	4,206.83	3/4	3,848.08	3/4	3,489.33	3/4	3,130.58	3/4	2,771.83				
8	8	8	8	8	8	8	4,915.56	8	4,558.11	8	4,199.36	8	3,840.61	8	3,481.86	8	3,123.11	8	2,764.35				
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,908.13	1/4	4,550.64	1/4	4,191.89	1/4	3,833.13	1/4	3,474.38	1/4	3,115.64	1/4	2,756.88				
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,900.70	1/2	4,543.16	1/2	4,184.41	1/2	3,825.66	1/2	3,466.91	1/2	3,108.16	1/2	2,749.41				
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,893.27	3/4	4,535.69	3/4	4,176.94	3/4	3,818.18	3/4	3,459.43	3/4	3,100.69	3/4	2,741.93				
9	9	9	9	9	9	9	5,142.58	9	4,885.84	9	4,528.22	9	4,169.47	9	3,810.71	9	3,451.96	9	3,093.21	9	2,734.46		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,141.93	1/4	4,878.41	1/4	4,520.74	1/4	4,161.99	1/4	3,803.24	1/4	3,444.49	1/4	3,085.74	1/4	2,726.99		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,141.27	1/2	4,870.99	1/2	4,513.27	1/2	4,154.52	1/2	3,795.76	1/2	3,437.01	1/2	3,078.26	1/2	2,719.51		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,140.62	3/4	4,863.56	3/4	4,505.79	3/4	4,147.04	3/4	3,788.29	3/4	3,429.54	3/4	3,070.79	3/4	2,712.04		
10	10	10	10	10	10	10	5,139.96	10	4,856.13	10	4,498.32	10	4,139.57	10	3,780.82	10	3,422.07	10	3,063.31	10	2,704.56		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,138.30	1/4	4,848.70	1/4	4,490.85	1/4	4,132.09	1/4	3,773.34	1/4	3,414.59	1/4	3,055.84	1/4	2,697.09		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,136.65	1/2	4,841.27	1/2	4,483.37	1/2	4,124.62	1/2	3,765.87	1/2	3,407.12	1/2	3,048.37	1/2	2,689.62		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,134.99	3/4	4,833.84	3/4	4,475.90	3/4	4,117.14	3/4	3,758.39	3/4	3,399.64	3/4	3,040.89	3/4	2,682.14		
11	11	11	11	11	11	11	5,133.33	11	4,826.41	11	4,468.43	11	4,109.67	11	3,750.92	11	3,392.17	11	3,033.42	11	2,674.67		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,130.56	1/4	4,818.98	1/4	4,460.95	1/4	4,102.20	1/4	3,743.45	1/4	3,384.69	1/4	3,025.95	1/4	2,667.20		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,127.79	1/2	4,811.55	1/2	4,453.48	1/2	4,094.72	1/2	3,735.97	1/2	3,377.22	1/2	3,018.47	1/2	2,659.72		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,125.02	3/4	4,804.13	3/4	4,446.00	3/4	4,087.25	3/4	3,728.50	3/4	3,369.74	3/4	3,011.00	3/4	2,652.25		

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" 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 28747"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 2003"

GAUGE HEIGHT 17'-04"

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	2,644.77	0	2,286.02	0	1,927.27	0	1,568.51	0	1,209.76	0	851.01	0	492.26	0	135.03	0		0	
1/4	2,637.30	1/4	2,278.55	1/4	1,919.80	1/4	1,561.04	1/4	1,202.29	1/4	843.54	1/4	484.79	1/4	127.60	1/4		1/4	
1/2	2,629.82	1/2	2,271.07	1/2	1,912.32	1/2	1,553.57	1/2	1,194.82	1/2	836.06	1/2	477.31	1/2	120.16	1/2		1/2	
3/4	2,622.35	3/4	2,263.60	3/4	1,904.85	3/4	1,546.09	3/4	1,187.34	3/4	828.59	3/4	469.84	3/4	112.73	3/4		3/4	
1	2,614.87	1	2,256.12	1	1,897.37	1	1,538.62	1	1,179.87	1	821.11	1	462.36	1	105.29	1		1	
1/4	2,607.40	1/4	2,248.65	1/4	1,889.90	1/4	1,531.15	1/4	1,172.40	1/4	813.64	1/4	454.89	1/4	97.86	1/4		1/4	
1/2	2,599.93	1/2	2,241.18	1/2	1,882.42	1/2	1,523.67	1/2	1,164.92	1/2	806.17	1/2	447.42	1/2	90.42	1/2		1/2	
3/4	2,592.45	3/4	2,233.70	3/4	1,874.95	3/4	1,516.20	3/4	1,157.45	3/4	798.69	3/4	439.94	3/4	82.99	3/4		3/4	
2	2,584.98	2	2,226.23	2	1,867.47	2	1,508.72	2	1,149.97	2	791.22	2	432.47	2	75.55	2		2	
1/4	2,577.51	1/4	2,218.76	1/4	1,860.00	1/4	1,501.25	1/4	1,142.50	1/4	783.75	1/4	425.03	1/4	68.21	1/4		1/4	
1/2	2,570.03	1/2	2,211.28	1/2	1,852.53	1/2	1,493.78	1/2	1,135.02	1/2	776.27	1/2	417.58	1/2	60.87	1/2		1/2	
3/4	2,562.56	3/4	2,203.81	3/4	1,845.05	3/4	1,486.30	3/4	1,127.55	3/4	768.80	3/4	410.14	3/4	53.53	3/4		3/4	
3	2,555.08	3	2,196.33	3	1,837.58	3	1,478.83	3	1,120.07	3	761.32	3	402.69	3	46.19	3		3	
1/4	2,547.61	1/4	2,188.86	1/4	1,830.11	1/4	1,471.36	1/4	1,112.60	1/4	753.85	1/4	395.26	1/4	40.45	1/4		1/4	
1/2	2,540.14	1/2	2,181.38	1/2	1,822.63	1/2	1,463.88	1/2	1,105.13	1/2	746.38	1/2	387.82	1/2	34.70	1/2		1/2	
3/4	2,532.66	3/4	2,173.91	3/4	1,815.16	3/4	1,456.41	3/4	1,097.65	3/4	738.90	3/4	380.39	3/4	28.96	3/4		3/4	
4	2,525.19	4	2,166.43	4	1,807.68	4	1,448.93	4	1,090.18	4	731.43	4	372.95	4	23.21	4		4	
1/4	2,517.72	1/4	2,158.96	1/4	1,800.21	1/4	1,441.46	1/4	1,082.71	1/4	723.96	1/4	365.52	1/4		1/4		1/4	
1/2	2,510.24	1/2	2,151.49	1/2	1,792.74	1/2	1,433.98	1/2	1,075.23	1/2	716.48	1/2	358.08	1/2		1/2		1/2	
3/4	2,502.77	3/4	2,144.01	3/4	1,785.26	3/4	1,426.51	3/4	1,067.76	3/4	709.01	3/4	350.65	3/4		3/4		3/4	
5	2,495.29	5	2,136.54	5	1,777.79	5	1,419.03	5	1,060.28	5	701.53	5	343.21	5		5		5	
1/4	2,487.82	1/4	2,129.07	1/4	1,770.32	1/4	1,411.56	1/4	1,052.81	1/4	694.06	1/4	335.78	1/4		1/4		1/4	
1/2	2,480.34	1/2	2,121.59	1/2	1,762.84	1/2	1,404.09	1/2	1,045.34	1/2	686.58	1/2	328.34	1/2		1/2		1/2	
3/4	2,472.87	3/4	2,114.12	3/4	1,755.37	3/4	1,396.61	3/4	1,037.86	3/4	679.11	3/4	320.91	3/4		3/4		3/4	
6	2,465.39	6	2,106.64	6	1,747.89	6	1,389.14	6	1,030.39	6	671.63	6	313.47	6		6		6	
1/4	2,457.92	1/4	2,099.17	1/4	1,740.42	1/4	1,381.67	1/4	1,022.92	1/4	664.16	1/4	306.04	1/4		1/4		1/4	
1/2	2,450.45	1/2	2,091.69	1/2	1,732.94	1/2	1,374.19	1/2	1,015.44	1/2	656.69	1/2	298.60	1/2		1/2		1/2	
3/4	2,442.97	3/4	2,084.22	3/4	1,725.47	3/4	1,366.72	3/4	1,007.97	3/4	649.21	3/4	291.17	3/4		3/4		3/4	
7	2,435.50	7	2,076.74	7	1,717.99	7	1,359.24	7	1,000.49	7	641.74	7	283.73	7		7		7	
1/4	2,428.03	1/4	2,069.27	1/4	1,710.52	1/4	1,351.77	1/4	993.02	1/4	634.27	1/4	276.30	1/4		1/4		1/4	
1/2	2,420.55	1/2	2,061.80	1/2	1,703.05	1/2	1,344.30	1/2	985.54	1/2	626.79	1/2	268.86	1/2		1/2		1/2	
3/4	2,413.08	3/4	2,054.32	3/4	1,695.57	3/4	1,336.82	3/4	978.07	3/4	619.32	3/4	261.43	3/4		3/4		3/4	
8	2,405.60	8	2,046.85	8	1,688.10	8	1,329.35	8	970.59	8	611.84	8	253.99	8		8		8	
1/4	2,398.13	1/4	2,039.38	1/4	1,680.63	1/4	1,321.88	1/4	963.12	1/4	604.37	1/4	246.56	1/4		1/4		1/4	
1/2	2,390.66	1/2	2,031.90	1/2	1,673.15	1/2	1,314.40	1/2	955.65	1/2	596.90	1/2	239.12	1/2		1/2		1/2	
3/4	2,383.18	3/4	2,024.43	3/4	1,665.68	3/4	1,306.93	3/4	948.17	3/4	589.42	3/4	231.69	3/4		3/4		3/4	
9	2,375.71	9	2,016.95	9	1,658.20	9	1,299.45	9	940.70	9	581.95	9	224.25	9		9		9	
1/4	2,368.24	1/4	2,009.48	1/4	1,650.73	1/4	1,291.98	1/4	933.23	1/4	574.48	1/4	216.82	1/4		1/4		1/4	
1/2	2,360.76	1/2	2,002.01	1/2	1,643.26	1/2	1,284.50	1/2	925.75	1/2	567.00	1/2	209.38	1/2		1/2		1/2	
3/4	2,353.29	3/4	1,994.53	3/4	1,635.78	3/4	1,277.03	3/4	918.28	3/4	559.53	3/4	201.95	3/4		3/4		3/4	
10	2,345.81	10	1,987.06	10	1,628.31	10	1,269.55	10	910.80	10	552.05	10	194.51	10		10		10	
1/4	2,338.34	1/4	1,979.59	1/4	1,620.84	1/4	1,262.08	1/4	903.33	1/4	544.58	1/4	187.08	1/4		1/4		1/4	
1/2	2,330.86	1/2	1,972.11	1/2	1,613.36	1/2	1,254.61	1/2	895.86	1/2	537.10	1/2	179.64	1/2		1/2		1/2	
3/4	2,323.39	3/4	1,964.64	3/4	1,605.89	3/4	1,247.13	3/4	888.38	3/4	529.63	3/4	172.21	3/4		3/4		3/4	
11	2,315.91	11	1,957.16	11	1,598.41	11	1,239.66	11	880.91	11	522.15	11	164.77	11		11		11	
1/4	2,308.44	1/4	1,949.69	1/4	1,590.94	1/4	1,232.19	1/4	873.44	1/4	514.68	1/4	157.34	1/4		1/4		1/4	
1/2	2,300.97	1/2	1,942.22	1/2	1,583.46	1/2	1,224.71	1/2	865.96	1/2	507.21	1/2	149.90	1/2		1/2		1/2	
3/4	2,293.49	3/4	1,934.74	3/4	1,575.99	3/4	1,217.24	3/4	858.49	3/4	499.73	3/4	142.47	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/02/2008 INSP
RECOMPUTED: 08/04/2023 CL
VERIFIED: 08/04/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2023

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



BARGE "KIRBY 28747"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 2003"

GAUGE HEIGHT 17'-04 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,117.51	0	3,994.94	0	3,858.52	0	3,722.10	0	3,585.69	0	3,354.33	0	2,996.45
1/4		1/4		1/4		1/4	4,116.46	1/4	3,992.10	1/4	3,855.68	1/4	3,719.26	1/4	3,582.85	1/4	3,346.88	1/4	2,988.99
1/2		1/2		1/2		1/2	4,114.99	1/2	3,989.26	1/2	3,852.84	1/2	3,716.42	1/2	3,580.01	1/2	3,339.42	1/2	2,981.53
3/4		3/4		3/4		3/4	4,113.53	3/4	3,986.41	3/4	3,849.99	3/4	3,713.58	3/4	3,577.16	3/4	3,331.97	3/4	2,974.08
1		1		1		1	4,112.06	1	3,983.57	1	3,847.15	1	3,710.74	1	3,574.32	1	3,324.51	1	2,966.62
1/4		1/4		1/4		1/4	4,110.59	1/4	3,980.73	1/4	3,844.31	1/4	3,707.90	1/4	3,571.48	1/4	3,317.06	1/4	2,959.17
1/2		1/2		1/2		1/2	4,108.70	1/2	3,977.89	1/2	3,841.47	1/2	3,705.06	1/2	3,568.64	1/2	3,309.60	1/2	2,951.71
3/4		3/4		3/4		3/4	4,106.81	3/4	3,975.04	3/4	3,838.62	3/4	3,702.21	3/4	3,565.79	3/4	3,302.14	3/4	2,944.25
2		2		2		2	4,104.92	2	3,972.20	2	3,835.78	2	3,699.37	2	3,562.95	2	3,294.69	2	2,936.80
1/4		1/4		1/4		1/4	4,103.03	1/4	3,969.36	1/4	3,832.94	1/4	3,696.53	1/4	3,560.11	1/4	3,287.23	1/4	2,929.34
1/2		1/2		1/2		1/2	4,100.72	1/2	3,966.52	1/2	3,830.10	1/2	3,693.69	1/2	3,557.27	1/2	3,279.77	1/2	2,921.88
3/4		3/4		3/4		3/4	4,098.40	3/4	3,963.67	3/4	3,827.26	3/4	3,690.84	3/4	3,554.42	3/4	3,272.32	3/4	2,914.43
3		3		3		3	4,096.09	3	3,960.83	3	3,824.42	3	3,688.00	3	3,551.58	3	3,264.86	3	2,906.97
1/4		1/4		1/4		1/4	4,093.77	1/4	3,957.99	1/4	3,821.58	1/4	3,685.16	1/4	3,548.74	1/4	3,257.41	1/4	2,899.52
1/2		1/2		1/2		1/2	4,091.09	1/2	3,955.15	1/2	3,818.74	1/2	3,682.32	1/2	3,545.70	1/2	3,249.95	1/2	2,892.06
3/4		3/4		3/4		3/4	4,088.41	3/4	3,952.30	3/4	3,815.89	3/4	3,679.47	3/4	3,542.66	3/4	3,242.49	3/4	2,884.61
4		4		4		4	4,085.72	4	3,949.46	4	3,813.05	4	3,676.63	4	3,539.62	4	3,235.04	4	2,877.15
1/4		1/4		1/4		1/4	4,083.04	1/4	3,946.62	1/4	3,810.21	1/4	3,673.79	1/4	3,536.58	1/4	3,227.58	1/4	2,869.70
1/2		1/2		1/2		1/2	4,080.20	1/2	3,943.78	1/2	3,807.37	1/2	3,670.95	1/2	3,532.87	1/2	3,220.12	1/2	2,862.24
3/4		3/4		3/4		3/4	4,077.36	3/4	3,940.94	3/4	3,804.52	3/4	3,668.10	3/4	3,529.16	3/4	3,212.67	3/4	2,854.78
5		5		5		5	4,074.51	5	3,938.10	5	3,801.68	5	3,665.26	5	3,525.45	5	3,205.21	5	2,847.33
1/4		1/4		1/4		1/4	4,071.67	1/4	3,935.26	1/4	3,798.84	1/4	3,662.42	1/4	3,521.74	1/4	3,197.76	1/4	2,839.87
1/2		1/2		1/2		1/2	4,068.83	1/2	3,932.42	1/2	3,796.00	1/2	3,659.58	1/2	3,517.35	1/2	3,190.30	1/2	2,832.41
3/4		3/4		3/4		3/4	4,065.99	3/4	3,929.57	3/4	3,793.15	3/4	3,656.74	3/4	3,512.96	3/4	3,182.85	3/4	2,824.96
6		6		6		6	4,063.14	6	3,926.73	6	3,790.31	6	3,653.90	6	3,508.57	6	3,175.39	6	2,817.50
1/4		1/4		1/4		1/4	4,060.30	1/4	3,923.89	1/4	3,787.47	1/4	3,651.06	1/4	3,504.18	1/4	3,167.94	1/4	2,810.05
1/2		1/2		1/2		1/2	4,057.46	1/2	3,921.05	1/2	3,784.63	1/2	3,648.22	1/2	3,499.10	1/2	3,160.48	1/2	2,802.59
3/4		3/4		3/4		3/4	4,054.62	3/4	3,918.20	3/4	3,781.78	3/4	3,645.37	3/4	3,494.02	3/4	3,153.02	3/4	2,795.13
7		7		7		7	4,051.78	7	3,915.36	7	3,778.94	7	3,642.53	7	3,488.95	7	3,145.57	7	2,787.68
1/4		1/4		1/4		1/4	4,048.94	1/4	3,912.52	1/4	3,776.10	1/4	3,639.69	1/4	3,483.87	1/4	3,138.11	1/4	2,780.22
1/2		1/2		1/2		1/2	4,046.10	1/2	3,909.68	1/2	3,773.26	1/2	3,636.85	1/2	3,478.11	1/2	3,130.65	1/2	2,772.76
3/4		3/4		3/4		3/4	4,043.26	3/4	3,906.83	3/4	3,770.42	3/4	3,634.00	3/4	3,472.34	3/4	3,123.20	3/4	2,765.31
8		8		8		8	4,040.41	8	3,903.99	8	3,767.58	8	3,631.16	8	3,466.58	8	3,115.74	8	2,757.85
1/4		1/4		1/4		1/4	4,037.57	1/4	3,901.15	1/4	3,764.74	1/4	3,628.32	1/4	3,460.82	1/4	3,108.29	1/4	2,750.40
1/2		1/2		1/2		1/2	4,034.73	1/2	3,898.31	1/2	3,761.90	1/2	3,625.48	1/2	3,454.37	1/2	3,100.83	1/2	2,742.94
3/4		3/4		3/4		3/4	4,031.89	3/4	3,895.46	3/4	3,759.05	3/4	3,622.63	3/4	3,447.93	3/4	3,093.37	3/4	2,735.49
9		9		9		9	4,029.04	9	3,892.62	9	3,756.21	9	3,619.79	9	3,441.48	9	3,085.92	9	2,728.03
1/4		1/4		1/4	4,124.09	1/4	4,026.20	1/4	3,889.78	1/4	3,753.37	1/4	3,616.95	1/4	3,435.04	1/4	3,078.46	1/4	2,720.58
1/2		1/2		1/2	4,123.85	1/2	4,023.36	1/2	3,886.94	1/2	3,750.53	1/2	3,614.11	1/2	3,427.91	1/2	3,071.00	1/2	2,713.12
3/4		3/4		3/4	4,123.61	3/4	4,020.52	3/4	3,884.10	3/4	3,747.68	3/4	3,611.26	3/4	3,420.78	3/4	3,063.55	3/4	2,705.66
10		10		10	4,123.37	10	4,017.67	10	3,881.26	10	3,744.84	10	3,608.42	10	3,413.66	10	3,056.09	10	2,698.21
1/4		1/4		1/4	4,123.13	1/4	4,014.83	1/4	3,878.42	1/4	3,742.00	1/4	3,605.58	1/4	3,406.53	1/4	3,048.64	1/4	2,690.75
1/2		1/2		1/2	4,122.51	1/2	4,011.99	1/2	3,875.58	1/2	3,739.16	1/2	3,602.74	1/2	3,399.07	1/2	3,041.18	1/2	2,683.29
3/4		3/4		3/4	4,121.89	3/4	4,009.15	3/4	3,872.73	3/4	3,736.31	3/4	3,599.90	3/4	3,391.61	3/4	3,033.73	3/4	2,675.84
11		11		11	4,121.26	11	4,006.30	11	3,869.89	11	3,733.47	11	3,597.06	11	3,384.16	11	3,026.27	11	2,668.38
1/4		1/4		1/4	4,120.64	1/4	4,003.46	1/4	3,867.05	1/4	3,730.63	1/4	3,594.22	1/4	3,376.70	1/4	3,018.82	1/4	2,660.93
1/2		1/2		1/2	4,119.60	1/2	4,000.62	1/2	3,864.21	1/2	3,727.79	1/2	3,591.38	1/2	3,369.24	1/2	3,011.36	1/2	2,653.47
3/4		3/4		3/4	4,118.55	3/4	3,997.78	3/4	3,861.36	3/4	3,724.94	3/4	3,588.53	3/4	3,361.79	3/4	3,003.90	3/4	2,646.01

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 56'-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 28747"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 2003"

GAUGE HEIGHT 17'-04 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	2,638.56	0	2,280.67	0	1,922.78	0	1,564.89	0	1,207.01	0	849.12	0	491.23	0	134.75	0		0	
1/4	2,631.10	1/4	2,273.21	1/4	1,915.33	1/4	1,557.44	1/4	1,199.55	1/4	841.66	1/4	483.78	1/4	127.33	1/4		1/4	
1/2	2,623.64	1/2	2,265.75	1/2	1,907.87	1/2	1,549.98	1/2	1,192.09	1/2	834.20	1/2	476.32	1/2	119.91	1/2		1/2	
3/4	2,616.19	3/4	2,258.30	3/4	1,900.41	3/4	1,542.52	3/4	1,184.64	3/4	826.75	3/4	468.86	3/4	112.49	3/4		3/4	
1	2,608.73	1	2,250.84	1	1,892.96	1	1,535.07	1	1,177.18	1	819.29	1	461.41	1	105.07	1		1	
1/4	2,601.28	1/4	2,243.39	1/4	1,885.50	1/4	1,527.61	1/4	1,169.73	1/4	811.84	1/4	453.95	1/4	97.65	1/4		1/4	
1/2	2,593.82	1/2	2,235.93	1/2	1,878.04	1/2	1,520.15	1/2	1,162.27	1/2	804.38	1/2	446.49	1/2	90.23	1/2		1/2	
3/4	2,586.37	3/4	2,228.48	3/4	1,870.59	3/4	1,512.70	3/4	1,154.81	3/4	796.93	3/4	439.04	3/4	82.81	3/4		3/4	
2	2,578.91	2	2,221.02	2	1,863.13	2	1,505.24	2	1,147.36	2	789.47	2	431.58	2	75.40	2		2	
1/4	2,571.46	1/4	2,213.57	1/4	1,855.68	1/4	1,497.79	1/4	1,139.90	1/4	782.02	1/4	424.13	1/4	67.98	1/4		1/4	
1/2	2,564.00	1/2	2,206.11	1/2	1,848.22	1/2	1,490.33	1/2	1,132.44	1/2	774.56	1/2	416.70	1/2	61.22	1/2		1/2	
3/4	2,556.54	3/4	2,198.65	3/4	1,840.76	3/4	1,482.88	3/4	1,124.99	3/4	767.10	3/4	409.27	3/4	54.46	3/4		3/4	
3	2,549.09	3	2,191.20	3	1,833.31	3	1,475.42	3	1,117.53	3	759.65	3	401.84	3	47.71	3		3	
1/4	2,541.63	1/4	2,183.74	1/4	1,825.85	1/4	1,467.97	1/4	1,110.08	1/4	752.19	1/4	394.41	1/4	40.95	1/4		1/4	
1/2	2,534.17	1/2	2,176.28	1/2	1,818.39	1/2	1,460.51	1/2	1,102.62	1/2	744.73	1/2	386.99	1/2	35.81	1/2		1/2	
3/4	2,526.72	3/4	2,168.83	3/4	1,810.94	3/4	1,453.05	3/4	1,095.17	3/4	737.28	3/4	379.57	3/4	30.67	3/4		3/4	
4	2,519.26	4	2,161.37	4	1,803.48	4	1,445.60	4	1,087.71	4	729.82	4	372.16	4	25.54	4		4	
1/4	2,511.81	1/4	2,153.92	1/4	1,796.03	1/4	1,438.14	1/4	1,080.26	1/4	722.37	1/4	364.74	1/4	20.40	1/4		1/4	
1/2	2,504.35	1/2	2,146.46	1/2	1,788.57	1/2	1,430.68	1/2	1,072.80	1/2	714.91	1/2	357.32	1/2		1/2		1/2	
3/4	2,496.89	3/4	2,139.00	3/4	1,781.12	3/4	1,423.23	3/4	1,065.34	3/4	707.45	3/4	349.90	3/4		3/4		3/4	
5	2,489.44	5	2,131.55	5	1,773.66	5	1,415.77	5	1,057.89	5	700.00	5	342.48	5		5		5	
1/4	2,481.98	1/4	2,124.09	1/4	1,766.21	1/4	1,408.32	1/4	1,050.43	1/4	692.54	1/4	335.06	1/4		1/4		1/4	
1/2	2,474.52	1/2	2,116.63	1/2	1,758.75	1/2	1,400.86	1/2	1,042.97	1/2	685.08	1/2	327.64	1/2		1/2		1/2	
3/4	2,467.07	3/4	2,109.18	3/4	1,751.29	3/4	1,393.41	3/4	1,035.52	3/4	677.63	3/4	320.22	3/4		3/4		3/4	
6	2,459.61	6	2,101.72	6	1,743.84	6	1,385.95	6	1,028.06	6	670.17	6	312.81	6		6		6	
1/4	2,452.16	1/4	2,094.27	1/4	1,736.38	1/4	1,378.50	1/4	1,020.61	1/4	662.72	1/4	305.39	1/4		1/4		1/4	
1/2	2,444.70	1/2	2,086.81	1/2	1,728.92	1/2	1,371.04	1/2	1,013.15	1/2	655.26	1/2	297.97	1/2		1/2		1/2	
3/4	2,437.24	3/4	2,079.36	3/4	1,721.47	3/4	1,363.58	3/4	1,005.69	3/4	647.81	3/4	290.55	3/4		3/4		3/4	
7	2,429.79	7	2,071.90	7	1,714.01	7	1,356.13	7	998.24	7	640.35	7	283.13	7		7		7	
1/4	2,422.33	1/4	2,064.45	1/4	1,706.56	1/4	1,348.67	1/4	990.78	1/4	632.90	1/4	275.71	1/4		1/4		1/4	
1/2	2,414.87	1/2	2,056.99	1/2	1,699.10	1/2	1,341.21	1/2	983.32	1/2	625.44	1/2	268.29	1/2		1/2		1/2	
3/4	2,407.42	3/4	2,049.53	3/4	1,691.64	3/4	1,333.76	3/4	975.87	3/4	617.98	3/4	260.87	3/4		3/4		3/4	
8	2,399.96	8	2,042.08	8	1,684.19	8	1,326.30	8	968.41	8	610.53	8	253.45	8		8		8	
1/4	2,392.51	1/4	2,034.62	1/4	1,676.73	1/4	1,318.85	1/4	960.96	1/4	603.07	1/4	246.03	1/4		1/4		1/4	
1/2	2,385.05	1/2	2,027.16	1/2	1,669.27	1/2	1,311.39	1/2	953.50	1/2	595.61	1/2	238.61	1/2		1/2		1/2	
3/4	2,377.60	3/4	2,019.71	3/4	1,661.82	3/4	1,303.93	3/4	946.05	3/4	588.16	3/4	231.19	3/4		3/4		3/4	
9	2,370.14	9	2,012.25	9	1,654.36	9	1,296.48	9	938.59	9	580.70	9	223.78	9		9		9	
1/4	2,362.69	1/4	2,004.80	1/4	1,646.91	1/4	1,289.02	1/4	931.14	1/4	573.25	1/4	216.36	1/4		1/4		1/4	
1/2	2,355.23	1/2	1,997.34	1/2	1,639.45	1/2	1,281.56	1/2	923.68	1/2	565.79	1/2	208.94	1/2		1/2		1/2	
3/4	2,347.77	3/4	1,989.88	3/4	1,632.00	3/4	1,274.11	3/4	916.22	3/4	558.33	3/4	201.52	3/4		3/4		3/4	
10	2,340.32	10	1,982.43	10	1,624.54	10	1,266.65	10	908.77	10	550.88	10	194.10	10		10		10	
1/4	2,332.86	1/4	1,974.97	1/4	1,617.09	1/4	1,259.20	1/4	901.31	1/4	543.42	1/4	186.68	1/4		1/4		1/4	
1/2	2,325.40	1/2	1,967.51	1/2	1,609.63	1/2	1,251.74	1/2	893.85	1/2	535.96	1/2	179.26	1/2		1/2		1/2	
3/4	2,317.95	3/4	1,960.06	3/4	1,602.17	3/4	1,244.29	3/4	886.40	3/4	528.51	3/4	171.84	3/4		3/4		3/4	
11	2,310.49	11	1,952.60	11	1,594.72	11	1,236.83	11	878.94	11	521.05	11	164.43	11		11		11	
1/4	2,303.04	1/4	1,945.15	1/4	1,587.26	1/4	1,229.38	1/4	871.49	1/4	513.60	1/4	157.01	1/4		1/4		1/4	
1/2	2,295.58	1/2	1,937.69	1/2	1,579.80	1/2	1,221.92	1/2	864.03	1/2	506.14	1/2	149.59	1/2		1/2		1/2	
3/4	2,288.12	3/4	1,930.24	3/4	1,572.35	3/4	1,214.46	3/4	856.57	3/4	498.69	3/4	142.17	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/02/2008 INSP
RECOMPUTED: 08/04/2023 CL
VERIFIED: 08/04/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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BARGE "KIRBY 28747"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 2003"

GAUGE HEIGHT 17'-04 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	IN	0
							4,117.51		3,994.94		3,858.52		3,722.10		3,585.69		3,354.33		2,996.45		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,116.46	1/4	3,992.10	1/4	3,855.68	1/4	3,719.26	1/4	3,582.85	1/4	3,346.88	1/4	2,988.99		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,114.99	1/2	3,989.26	1/2	3,852.84	1/2	3,716.42	1/2	3,580.01	1/2	3,339.42	1/2	2,981.53		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,113.53	3/4	3,986.41	3/4	3,849.99	3/4	3,713.58	3/4	3,577.16	3/4	3,331.97	3/4	2,974.08		
1	1	1	1	1	1	1	4,112.06	1	3,983.57	1	3,847.15	1	3,710.74	1	3,574.32	1	3,324.51	1	2,966.62		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,110.59	1/4	3,980.73	1/4	3,844.31	1/4	3,707.90	1/4	3,571.48	1/4	3,317.06	1/4	2,959.17		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,108.70	1/2	3,977.89	1/2	3,841.47	1/2	3,705.06	1/2	3,568.64	1/2	3,309.60	1/2	2,951.71		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,106.81	3/4	3,975.04	3/4	3,838.62	3/4	3,702.21	3/4	3,565.79	3/4	3,302.14	3/4	2,944.25		
2	2	2	2	2	2	2	4,104.92	2	3,972.20	2	3,835.78	2	3,699.37	2	3,562.95	2	3,294.69	2	2,936.80		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,103.03	1/4	3,969.36	1/4	3,832.94	1/4	3,696.53	1/4	3,560.11	1/4	3,287.23	1/4	2,929.34		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,100.72	1/2	3,966.52	1/2	3,830.10	1/2	3,693.69	1/2	3,557.27	1/2	3,279.77	1/2	2,921.88		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,098.40	3/4	3,963.67	3/4	3,827.26	3/4	3,690.84	3/4	3,554.42	3/4	3,272.32	3/4	2,914.43		
3	3	3	3	3	3	3	4,096.09	3	3,960.83	3	3,824.42	3	3,688.00	3	3,551.58	3	3,264.86	3	2,906.97		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,093.77	1/4	3,957.99	1/4	3,821.58	1/4	3,685.16	1/4	3,548.74	1/4	3,257.41	1/4	2,899.52		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,091.09	1/2	3,955.15	1/2	3,818.74	1/2	3,682.32	1/2	3,545.70	1/2	3,249.95	1/2	2,892.06		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,088.41	3/4	3,952.30	3/4	3,815.89	3/4	3,679.47	3/4	3,542.66	3/4	3,242.49	3/4	2,884.61		
4	4	4	4	4	4	4	4,085.72	4	3,949.46	4	3,813.05	4	3,676.63	4	3,539.62	4	3,235.04	4	2,877.15		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,083.04	1/4	3,946.62	1/4	3,810.21	1/4	3,673.79	1/4	3,536.58	1/4	3,227.58	1/4	2,869.70		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,080.20	1/2	3,943.78	1/2	3,807.37	1/2	3,670.95	1/2	3,532.87	1/2	3,220.12	1/2	2,862.24		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,077.36	3/4	3,940.94	3/4	3,804.52	3/4	3,668.10	3/4	3,529.16	3/4	3,212.67	3/4	2,854.78		
5	5	5	5	5	5	5	4,074.51	5	3,938.10	5	3,801.68	5	3,665.26	5	3,525.45	5	3,205.21	5	2,847.33		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,071.67	1/4	3,935.26	1/4	3,798.84	1/4	3,662.42	1/4	3,521.74	1/4	3,197.76	1/4	2,839.87		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,068.83	1/2	3,932.42	1/2	3,796.00	1/2	3,659.58	1/2	3,517.35	1/2	3,190.30	1/2	2,832.41		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,065.99	3/4	3,929.57	3/4	3,793.15	3/4	3,656.74	3/4	3,512.96	3/4	3,182.85	3/4	2,824.96		
6	6	6	6	6	6	6	4,063.14	6	3,926.73	6	3,790.31	6	3,653.90	6	3,508.57	6	3,175.39	6	2,817.50		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,060.30	1/4	3,923.89	1/4	3,787.47	1/4	3,651.06	1/4	3,504.18	1/4	3,167.94	1/4	2,810.05		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,057.46	1/2	3,921.05	1/2	3,784.63	1/2	3,648.22	1/2	3,499.10	1/2	3,160.48	1/2	2,802.59		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,054.62	3/4	3,918.20	3/4	3,781.78	3/4	3,645.37	3/4	3,494.02	3/4	3,153.02	3/4	2,795.13		
7	7	7	7	7	7	7	4,051.78	7	3,915.36	7	3,778.94	7	3,642.53	7	3,488.95	7	3,145.57	7	2,787.68		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,048.94	1/4	3,912.52	1/4	3,776.10	1/4	3,639.69	1/4	3,483.87	1/4	3,138.11	1/4	2,780.22		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,046.10	1/2	3,909.68	1/2	3,773.26	1/2	3,636.85	1/2	3,478.11	1/2	3,130.65	1/2	2,772.76		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,043.26	3/4	3,906.83	3/4	3,770.42	3/4	3,634.00	3/4	3,472.34	3/4	3,123.20	3/4	2,765.31		
8	8	8	8	8	8	8	4,040.41	8	3,903.99	8	3,767.58	8	3,631.16	8	3,466.58	8	3,115.74	8	2,757.85		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,037.57	1/4	3,901.15	1/4	3,764.74	1/4	3,628.32	1/4	3,460.82	1/4	3,108.29	1/4	2,750.40		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,034.73	1/2	3,898.31	1/2	3,761.90	1/2	3,625.48	1/2	3,454.37	1/2	3,100.83	1/2	2,742.94		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,031.89	3/4	3,895.46	3/4	3,759.05	3/4	3,622.63	3/4	3,447.93	3/4	3,093.37	3/4	2,735.49		
9	9	9	9	9	9	9	4,029.04	9	3,892.62	9	3,756.21	9	3,619.79	9	3,441.48	9	3,085.92	9	2,728.03		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,124.09	1/4	4,026.20	1/4	3,889.78	1/4	3,753.37	1/4	3,616.95	1/4	3,435.04	1/4	3,078.46	1/4	2,720.58
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,123.85	1/2	4,023.36	1/2	3,886.94	1/2	3,750.53	1/2	3,614.11	1/2	3,427.91	1/2	3,071.00	1/2	2,713.12
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,123.61	3/4	4,020.52	3/4	3,884.10	3/4	3,747.68	3/4	3,611.26	3/4	3,420.78	3/4	3,063.55	3/4	2,705.66
10	10	10	10	10	10	10	4,123.37	10	4,017.67	10	3,881.26	10	3,744.84	10	3,608.42	10	3,413.66	10	3,056.09	10	2,698.21
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,123.13	1/4	4,014.83	1/4	3,878.42	1/4	3,742.00	1/4	3,605.58	1/4	3,406.53	1/4	3,048.64	1/4	2,690.75
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,122.51	1/2	4,011.99	1/2	3,875.58	1/2	3,739.16	1/2	3,602.74	1/2	3,399.07	1/2	3,041.18	1/2	2,683.29
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,121.89	3/4	4,009.15	3/4	3,872.73	3/4	3,736.31	3/4	3,599.90	3/4	3,391.61	3/4	3,033.73	3/4	2,675.84
11	11	11	11	11	11	11	4,121.26	11	4,006.30	11	3,869.89	11	3,733.47	11	3,597.06	11	3,384.16	11	3,026.27	11	2,668.38
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,120.64	1/4	4,003.46	1/4	3,867.05	1/4	3,730.63	1/4	3,594.22	1/4	3,376.70	1/4	3,018.82	1/4	2,660.93
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,119.60	1/2	4,000.62	1/2	3,864.21	1/2	3,727.79	1/2	3,591.38	1/2	3,369.24	1/2	3,011.36	1/2	2,653.47
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,118.55	3/4	3,997.78	3/4	3,861.36	3/4	3,724.94	3/4	3,588.53	3/4	3,361.79	3/4	3,003.90	3/4	2,646.01

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 56'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "KIRBY 28747"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 2003"

GAUGE HEIGHT 17'-04 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	2,638.56	0	2,280.67	0	1,922.78	0	1,564.89	0	1,207.01	0	849.12	0	491.23	0	134.75	0		0	
1/4	2,631.10	1/4	2,273.21	1/4	1,915.33	1/4	1,557.44	1/4	1,199.55	1/4	841.66	1/4	483.78	1/4	127.33	1/4		1/4	
1/2	2,623.64	1/2	2,265.75	1/2	1,907.87	1/2	1,549.98	1/2	1,192.09	1/2	834.20	1/2	476.32	1/2	119.91	1/2		1/2	
3/4	2,616.19	3/4	2,258.30	3/4	1,900.41	3/4	1,542.52	3/4	1,184.64	3/4	826.75	3/4	468.86	3/4	112.49	3/4		3/4	
1	2,608.73	1	2,250.84	1	1,892.96	1	1,535.07	1	1,177.18	1	819.29	1	461.41	1	105.07	1		1	
1/4	2,601.28	1/4	2,243.39	1/4	1,885.50	1/4	1,527.61	1/4	1,169.73	1/4	811.84	1/4	453.95	1/4	97.65	1/4		1/4	
1/2	2,593.82	1/2	2,235.93	1/2	1,878.04	1/2	1,520.15	1/2	1,162.27	1/2	804.38	1/2	446.49	1/2	90.23	1/2		1/2	
3/4	2,586.37	3/4	2,228.48	3/4	1,870.59	3/4	1,512.70	3/4	1,154.81	3/4	796.93	3/4	439.04	3/4	82.81	3/4		3/4	
2	2,578.91	2	2,221.02	2	1,863.13	2	1,505.24	2	1,147.36	2	789.47	2	431.58	2	75.40	2		2	
1/4	2,571.46	1/4	2,213.57	1/4	1,855.68	1/4	1,497.79	1/4	1,139.90	1/4	782.02	1/4	424.13	1/4	67.98	1/4		1/4	
1/2	2,564.00	1/2	2,206.11	1/2	1,848.22	1/2	1,490.33	1/2	1,132.44	1/2	774.56	1/2	416.70	1/2	61.22	1/2		1/2	
3/4	2,556.54	3/4	2,198.65	3/4	1,840.76	3/4	1,482.88	3/4	1,124.99	3/4	767.10	3/4	409.27	3/4	54.46	3/4		3/4	
3	2,549.09	3	2,191.20	3	1,833.31	3	1,475.42	3	1,117.53	3	759.65	3	401.84	3	47.71	3		3	
1/4	2,541.63	1/4	2,183.74	1/4	1,825.85	1/4	1,467.97	1/4	1,110.08	1/4	752.19	1/4	394.41	1/4	40.95	1/4		1/4	
1/2	2,534.17	1/2	2,176.28	1/2	1,818.39	1/2	1,460.51	1/2	1,102.62	1/2	744.73	1/2	386.99	1/2	35.81	1/2		1/2	
3/4	2,526.72	3/4	2,168.83	3/4	1,810.94	3/4	1,453.05	3/4	1,095.17	3/4	737.28	3/4	379.57	3/4	30.67	3/4		3/4	
4	2,519.26	4	2,161.37	4	1,803.48	4	1,445.60	4	1,087.71	4	729.82	4	372.16	4	25.54	4		4	
1/4	2,511.81	1/4	2,153.92	1/4	1,796.03	1/4	1,438.14	1/4	1,080.26	1/4	722.37	1/4	364.74	1/4	20.40	1/4		1/4	
1/2	2,504.35	1/2	2,146.46	1/2	1,788.57	1/2	1,430.68	1/2	1,072.80	1/2	714.91	1/2	357.32	1/2		1/2		1/2	
3/4	2,496.89	3/4	2,139.00	3/4	1,781.12	3/4	1,423.23	3/4	1,065.34	3/4	707.45	3/4	349.90	3/4		3/4		3/4	
5	2,489.44	5	2,131.55	5	1,773.66	5	1,415.77	5	1,057.89	5	700.00	5	342.48	5		5		5	
1/4	2,481.98	1/4	2,124.09	1/4	1,766.21	1/4	1,408.32	1/4	1,050.43	1/4	692.54	1/4	335.06	1/4		1/4		1/4	
1/2	2,474.52	1/2	2,116.63	1/2	1,758.75	1/2	1,400.86	1/2	1,042.97	1/2	685.08	1/2	327.64	1/2		1/2		1/2	
3/4	2,467.07	3/4	2,109.18	3/4	1,751.29	3/4	1,393.41	3/4	1,035.52	3/4	677.63	3/4	320.22	3/4		3/4		3/4	
6	2,459.61	6	2,101.72	6	1,743.84	6	1,385.95	6	1,028.06	6	670.17	6	312.81	6		6		6	
1/4	2,452.16	1/4	2,094.27	1/4	1,736.38	1/4	1,378.50	1/4	1,020.61	1/4	662.72	1/4	305.39	1/4		1/4		1/4	
1/2	2,444.70	1/2	2,086.81	1/2	1,728.92	1/2	1,371.04	1/2	1,013.15	1/2	655.26	1/2	297.97	1/2		1/2		1/2	
3/4	2,437.24	3/4	2,079.36	3/4	1,721.47	3/4	1,363.58	3/4	1,005.69	3/4	647.81	3/4	290.55	3/4		3/4		3/4	
7	2,429.79	7	2,071.90	7	1,714.01	7	1,356.13	7	998.24	7	640.35	7	283.13	7		7		7	
1/4	2,422.33	1/4	2,064.45	1/4	1,706.56	1/4	1,348.67	1/4	990.78	1/4	632.90	1/4	275.71	1/4		1/4		1/4	
1/2	2,414.87	1/2	2,056.99	1/2	1,699.10	1/2	1,341.21	1/2	983.32	1/2	625.44	1/2	268.29	1/2		1/2		1/2	
3/4	2,407.42	3/4	2,049.53	3/4	1,691.64	3/4	1,333.76	3/4	975.87	3/4	617.98	3/4	260.87	3/4		3/4		3/4	
8	2,399.96	8	2,042.08	8	1,684.19	8	1,326.30	8	968.41	8	610.53	8	253.45	8		8		8	
1/4	2,392.51	1/4	2,034.62	1/4	1,676.73	1/4	1,318.85	1/4	960.96	1/4	603.07	1/4	246.03	1/4		1/4		1/4	
1/2	2,385.05	1/2	2,027.16	1/2	1,669.27	1/2	1,311.39	1/2	953.50	1/2	595.61	1/2	238.61	1/2		1/2		1/2	
3/4	2,377.60	3/4	2,019.71	3/4	1,661.82	3/4	1,303.93	3/4	946.05	3/4	588.16	3/4	231.19	3/4		3/4		3/4	
9	2,370.14	9	2,012.25	9	1,654.36	9	1,296.48	9	938.59	9	580.70	9	223.78	9		9		9	
1/4	2,362.69	1/4	2,004.80	1/4	1,646.91	1/4	1,289.02	1/4	931.14	1/4	573.25	1/4	216.36	1/4		1/4		1/4	
1/2	2,355.23	1/2	1,997.34	1/2	1,639.45	1/2	1,281.56	1/2	923.68	1/2	565.79	1/2	208.94	1/2		1/2		1/2	
3/4	2,347.77	3/4	1,989.88	3/4	1,632.00	3/4	1,274.11	3/4	916.22	3/4	558.33	3/4	201.52	3/4		3/4		3/4	
10	2,340.32	10	1,982.43	10	1,624.54	10	1,266.65	10	908.77	10	550.88	10	194.10	10		10		10	
1/4	2,332.86	1/4	1,974.97	1/4	1,617.09	1/4	1,259.20	1/4	901.31	1/4	543.42	1/4	186.68	1/4		1/4		1/4	
1/2	2,325.40	1/2	1,967.51	1/2	1,609.63	1/2	1,251.74	1/2	893.85	1/2	535.96	1/2	179.26	1/2		1/2		1/2	
3/4	2,317.95	3/4	1,960.06	3/4	1,602.17	3/4	1,244.29	3/4	886.40	3/4	528.51	3/4	171.84	3/4		3/4		3/4	
11	2,310.49	11	1,952.60	11	1,594.72	11	1,236.83	11	878.94	11	521.05	11	164.43	11		11		11	
1/4	2,303.04	1/4	1,945.15	1/4	1,587.26	1/4	1,229.38	1/4	871.49	1/4	513.60	1/4	157.01	1/4		1/4		1/4	
1/2	2,295.58	1/2	1,937.69	1/2	1,579.80	1/2	1,221.92	1/2	864.03	1/2	506.14	1/2	149.59	1/2		1/2		1/2	
3/4	2,288.12	3/4	1,930.24	3/4	1,572.35	3/4	1,214.46	3/4	856.57	3/4	498.69	3/4	142.17	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/02/2008 INSP
RECOMPUTED: 08/04/2023 CL
VERIFIED: 08/04/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "KIRBY 28747"

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	2,320	0	4,640	0	6,964	0	9,284	0	11,608	0		0		0		0	
1/4	48	1/4	2,368	1/4	4,688	1/4	7,013	1/4	9,333	1/4	11,657	1/4		1/4		1/4		1/4	
1/2	96	1/2	2,417	1/2	4,737	1/2	7,061	1/2	9,381	1/2	11,705	1/2		1/2		1/2		1/2	
3/4	144	3/4	2,465	3/4	4,785	3/4	7,110	3/4	9,429	3/4	11,754	3/4		3/4		3/4		3/4	
1	192	1	2,514	1	4,834	1	7,158	1	9,478	1	11,802	1		1		1		1	
1/4	240	1/4	2,562	1/4	4,882	1/4	7,206	1/4	9,526	1/4	11,851	1/4		1/4		1/4		1/4	
1/2	288	1/2	2,611	1/2	4,930	1/2	7,255	1/2	9,575	1/2	11,899	1/2		1/2		1/2		1/2	
3/4	336	3/4	2,659	3/4	4,979	3/4	7,303	3/4	9,623	3/4	11,947	3/4		3/4		3/4		3/4	
2	384	2	2,707	2	5,027	2	7,352	2	9,672	2	11,996	2		2		2		2	
1/4	432	1/4	2,756	1/4	5,076	1/4	7,400	1/4	9,720	1/4	12,044	1/4		1/4		1/4		1/4	
1/2	481	1/2	2,804	1/2	5,124	1/2	7,449	1/2	9,768	1/2	12,093	1/2		1/2		1/2		1/2	
3/4	529	3/4	2,853	3/4	5,173	3/4	7,497	3/4	9,817	3/4	12,141	3/4		3/4		3/4		3/4	
3	577	3	2,901	3	5,221	3	7,545	3	9,865	3	12,190	3		3		3		3	
1/4	625	1/4	2,950	1/4	5,269	1/4	7,594	1/4	9,914	1/4	12,238	1/4		1/4		1/4		1/4	
1/2	674	1/2	2,998	1/2	5,318	1/2	7,642	1/2	9,962	1/2	12,286	1/2		1/2		1/2		1/2	
3/4	722	3/4	3,046	3/4	5,366	3/4	7,691	3/4	10,010	3/4	12,335	3/4		3/4		3/4		3/4	
4	770	4	3,095	4	5,415	4	7,739	4	10,059	4	12,383	4		4		4		4	
1/4	819	1/4	3,143	1/4	5,463	1/4	7,787	1/4	10,107	1/4	12,432	1/4		1/4		1/4		1/4	
1/2	867	1/2	3,192	1/2	5,512	1/2	7,835	1/2	10,156	1/2	12,480	1/2		1/2		1/2		1/2	
3/4	916	3/4	3,240	3/4	5,560	3/4	7,883	3/4	10,204	3/4	12,529	3/4		3/4		3/4		3/4	
5	964	5	3,289	5	5,608	5	7,931	5	10,253	5	12,577	5		5		5		5	
1/4	1,013	1/4	3,337	1/4	5,657	1/4	7,979	1/4	10,301	1/4	12,625	1/4		1/4		1/4		1/4	
1/2	1,061	1/2	3,385	1/2	5,705	1/2	8,027	1/2	10,349	1/2	12,674	1/2		1/2		1/2		1/2	
3/4	1,109	3/4	3,434	3/4	5,754	3/4	8,075	3/4	10,398	3/4	12,722	3/4		3/4		3/4		3/4	
6	1,158	6	3,482	6	5,802	6	8,123	6	10,446	6	12,771	6		6		6		6	
1/4	1,206	1/4	3,531	1/4	5,851	1/4	8,172	1/4	10,495	1/4	12,819	1/4		1/4		1/4		1/4	
1/2	1,255	1/2	3,579	1/2	5,899	1/2	8,220	1/2	10,543	1/2	12,868	1/2		1/2		1/2		1/2	
3/4	1,303	3/4	3,628	3/4	5,947	3/4	8,268	3/4	10,592	3/4	12,916	3/4		3/4		3/4		3/4	
7	1,352	7	3,676	7	5,996	7	8,316	7	10,640	7	12,964	7		7		7		7	
1/4	1,400	1/4	3,724	1/4	6,044	1/4	8,364	1/4	10,688	1/4	13,013	1/4		1/4		1/4		1/4	
1/2	1,448	1/2	3,773	1/2	6,093	1/2	8,412	1/2	10,737	1/2	13,061	1/2		1/2		1/2		1/2	
3/4	1,497	3/4	3,821	3/4	6,141	3/4	8,461	3/4	10,785	3/4	13,110	3/4		3/4		3/4		3/4	
8	1,545	8	3,870	8	6,189	8	8,509	8	10,834	8	13,158	8		8		8		8	
1/4	1,594	1/4	3,918	1/4	6,238	1/4	8,558	1/4	10,882	1/4	13,206	1/4		1/4		1/4		1/4	
1/2	1,642	1/2	3,966	1/2	6,286	1/2	8,606	1/2	10,931	1/2	13,255	1/2		1/2		1/2		1/2	
3/4	1,691	3/4	4,014	3/4	6,335	3/4	8,655	3/4	10,979	3/4		3/4		3/4		3/4		3/4	
9	1,739	9	4,062	9	6,383	9	8,703	9	11,027	9		9		9		9		9	
1/4	1,787	1/4	4,110	1/4	6,432	1/4	8,751	1/4	11,076	1/4		1/4		1/4		1/4		1/4	
1/2	1,836	1/2	4,158	1/2	6,480	1/2	8,800	1/2	11,124	1/2		1/2		1/2		1/2		1/2	
3/4	1,884	3/4	4,206	3/4	6,528	3/4	8,848	3/4	11,173	3/4		3/4		3/4		3/4		3/4	
10	1,933	10	4,254	10	6,577	10	8,897	10	11,221	10		10		10		10		10	
1/4	1,981	1/4	4,302	1/4	6,625	1/4	8,945	1/4	11,270	1/4		1/4		1/4		1/4		1/4	
1/2	2,030	1/2	4,350	1/2	6,674	1/2	8,994	1/2	11,318	1/2		1/2		1/2		1/2		1/2	
3/4	2,078	3/4	4,398	3/4	6,722	3/4	9,042	3/4	11,366	3/4		3/4		3/4		3/4		3/4	
11	2,126	11	4,446	11	6,771	11	9,090	11	11,415	11		11		11		11		11	
1/4	2,175	1/4	4,495	1/4	6,819	1/4	9,139	1/4	11,463	1/4		1/4		1/4		1/4		1/4	
1/2	2,223	1/2	4,543	1/2	6,867	1/2	9,187	1/2	11,512	1/2		1/2		1/2		1/2		1/2	
3/4	2,272	3/4	4,591	3/4	6,916	3/4	9,236	3/4	11,560	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.

STRAPPED: 07/12/2018 SW
 CALCULATED: 07/12/2018 CL
 VERIFIED: 08/04/2023 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 08/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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