



BARGE "KIRBY 27768"

ULLAGE TRIM TABLE HERMETIC

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/4	- 01-1/4
1 STBD	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/4	- 01-1/4
2 PORT	00-1/4	- 00-1/4	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2	01-3/4	- 01-3/4
2 STBD	00-1/4	- 00-1/4	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2	01-3/4	- 01-3/4
3 PORT	00-5/8	- 00-5/8	01-1/4	- 01-1/4	01-3/4	- 01-3/4	02-3/8	- 02-3/8	03-0/8	- 03-0/8	03-5/8	- 03-5/8
3 STBD	00-5/8	- 00-5/8	01-1/4	- 01-1/4	01-3/4	- 01-3/4	02-3/8	- 02-3/8	03-0/8	- 03-0/8	03-5/8	- 03-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00-3/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 5/8"

LENGTH BETWEEN DRAFT MARKS: 261'-00"

October 13, 2021

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 27768"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0		
									4,858.80		4,527.48		4,176.41		3,803.34		3,425.40		3,047.46		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,851.30	1/4	4,520.43	1/4	4,168.82	1/4	3,795.47	1/4	3,417.53	1/4	3,039.58		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,843.80	1/2	4,513.38	1/2	4,161.23	1/2	3,787.59	1/2	3,409.65	1/2	3,031.71		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,836.30	3/4	4,506.34	3/4	4,153.64	3/4	3,779.72	3/4	3,401.78	3/4	3,023.84		
1	1	1	1	1	1	1	1	1	4,828.80	1	4,499.29	1	4,146.05	1	3,771.85	1	3,393.90	1	3,015.96		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,821.87	1/4	4,492.20	1/4	4,138.42	1/4	3,763.97	1/4	3,386.03	1/4	3,008.09		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,814.94	1/2	4,485.11	1/2	4,130.80	1/2	3,756.10	1/2	3,378.16	1/2	3,000.21		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,808.01	3/4	4,478.03	3/4	4,123.17	3/4	3,748.22	3/4	3,370.28	3/4	2,992.34		
2	2	2	2	2	2	2	2	2	4,801.08	2	4,470.94	2	4,115.54	2	3,740.35	2	3,362.41	2	2,984.47		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,794.41	1/4	4,463.81	1/4	4,107.88	1/4	3,732.48	1/4	3,354.53	1/4	2,976.59		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,787.74	1/2	4,456.69	1/2	4,100.21	1/2	3,724.60	1/2	3,346.66	1/2	2,968.72		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,781.08	3/4	4,449.57	3/4	4,092.55	3/4	3,716.73	3/4	3,338.79	3/4	2,960.84		
3	3	3	3	3	3	3	3	3	4,774.41	3	4,442.44	3	4,084.88	3	3,708.86	3	3,330.91	3	2,952.97		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,767.70	1/4	4,435.26	1/4	4,077.18	1/4	3,700.98	1/4	3,323.04	1/4	2,945.10		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,760.99	1/2	4,428.07	1/2	4,069.48	1/2	3,693.11	1/2	3,315.17	1/2	2,937.22		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,754.28	3/4	4,420.89	3/4	4,061.77	3/4	3,685.23	3/4	3,307.29	3/4	2,929.35		
4	4	4	4	4	4	4	4	4	4,747.58	4	4,413.70	4	4,054.07	4	3,677.36	4	3,299.42	4	2,921.48		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,740.83	1/4	4,406.44	1/4	4,046.33	1/4	3,669.49	1/4	3,291.54	1/4	2,913.60		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,734.09	1/2	4,399.18	1/2	4,038.59	1/2	3,661.61	1/2	3,283.67	1/2	2,905.73		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,727.34	3/4	4,391.91	3/4	4,030.85	3/4	3,653.74	3/4	3,275.80	3/4	2,897.85		
5	5	5	5	5	5	5	5	5	4,720.60	5	4,384.65	5	4,023.11	5	3,645.87	5	3,267.92	5	2,889.98		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,713.81	1/4	4,377.32	1/4	4,015.33	1/4	3,637.99	1/4	3,260.05	1/4	2,882.11		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,707.03	1/2	4,370.00	1/2	4,007.55	1/2	3,630.12	1/2	3,252.18	1/2	2,874.23		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,700.25	3/4	4,362.68	3/4	3,999.77	3/4	3,622.24	3/4	3,244.30	3/4	2,866.36		
6	6	6	6	6	6	6	6	6	4,693.47	6	4,355.35	6	3,991.99	6	3,614.37	6	3,236.43	6	2,858.49		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,686.64	1/4	4,347.99	1/4	3,984.17	1/4	3,606.50	1/4	3,228.55	1/4	2,850.61		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,679.82	1/2	4,340.63	1/2	3,976.36	1/2	3,598.62	1/2	3,220.68	1/2	2,842.74		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,673.00	3/4	4,333.27	3/4	3,968.54	3/4	3,590.75	3/4	3,212.81	3/4	2,834.86		
7	7	7	7	7	7	7	7	7	4,666.18	7	4,325.91	7	3,960.72	7	3,582.88	7	3,204.93	7	2,826.99		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,659.32	1/4	4,318.51	1/4	3,952.87	1/4	3,575.00	1/4	3,197.06	1/4	2,819.12		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,652.46	1/2	4,311.11	1/2	3,945.02	1/2	3,567.13	1/2	3,189.19	1/2	2,811.24		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,645.60	3/4	4,303.71	3/4	3,937.17	3/4	3,559.25	3/4	3,181.31	3/4	2,803.37		
8	8	8	8	8	8	8	8	8	4,969.48	8	4,638.75	8	4,296.31	8	3,929.32	8	3,551.38	8	3,173.44	8	2,795.50
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,963.99	1/4	4,631.85	1/4	4,288.88	1/4	3,921.45	1/4	3,543.51	1/4	3,165.56	1/4	2,787.62
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,958.50	1/2	4,624.95	1/2	4,281.44	1/2	3,913.57	1/2	3,535.63	1/2	3,157.69	1/2	2,779.75
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,953.01	3/4	4,618.05	3/4	4,274.00	3/4	3,905.70	3/4	3,527.76	3/4	3,149.82	3/4	2,771.87
9	9	9	9	9	9	9	9	9	4,947.51	9	4,611.16	9	4,266.56	9	3,897.83	9	3,519.88	9	3,141.94	9	2,764.00
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,940.73	1/4	4,604.22	1/4	4,259.09	1/4	3,889.95	1/4	3,512.01	1/4	3,134.07	1/4	2,756.13
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,933.95	1/2	4,597.29	1/2	4,251.61	1/2	3,882.08	1/2	3,504.14	1/2	3,126.19	1/2	2,748.25
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,927.16	3/4	4,590.35	3/4	4,244.14	3/4	3,874.21	3/4	3,496.26	3/4	3,118.32	3/4	2,740.38
10	10	10	10	10	10	10	10	10	4,920.38	10	4,583.42	10	4,236.66	10	3,866.33	10	3,488.39	10	3,110.45	10	2,732.50
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,912.77	1/4	4,576.44	1/4	4,229.15	1/4	3,858.46	1/4	3,480.52	1/4	3,102.57	1/4	2,724.63
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,905.17	1/2	4,569.47	1/2	4,221.64	1/2	3,850.58	1/2	3,472.64	1/2	3,094.70	1/2	2,716.76
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,897.56	3/4	4,562.50	3/4	4,214.12	3/4	3,842.71	3/4	3,464.77	3/4	3,086.83	3/4	2,708.88
11	11	11	11	11	11	11	11	11	4,889.96	11	4,555.53	11	4,206.61	11	3,834.84	11	3,456.89	11	3,078.95	11	2,701.01
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,882.17	1/4	4,548.51	1/4	4,199.06	1/4	3,826.96	1/4	3,449.02	1/4	3,071.08	1/4	2,693.14
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,874.38	1/2	4,541.50	1/2	4,191.51	1/2	3,819.09	1/2	3,441.15	1/2	3,063.20	1/2	2,685.26
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,866.59	3/4	4,534.49	3/4	4,183.96	3/4	3,811.22	3/4	3,433.27	3/4	3,055.33	3/4	2,677.39

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 49'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "KIRBY 27768"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,669.51	0	2,291.57	0	1,913.63	0	1,535.67	0	1,158.58	0	782.90	0	413.75	0	82.77	0		0	
1/4	2,661.64	1/4	2,283.70	1/4	1,905.75	1/4	1,527.79	1/4	1,150.76	1/4	775.03	1/4	406.21	1/4	77.19	1/4		1/4	
1/2	2,653.77	1/2	2,275.82	1/2	1,897.88	1/2	1,519.92	1/2	1,142.94	1/2	767.15	1/2	398.67	1/2	71.62	1/2		1/2	
3/4	2,645.89	3/4	2,267.95	3/4	1,890.00	3/4	1,512.05	3/4	1,135.13	3/4	759.28	3/4	391.13	3/4	66.05	3/4		3/4	
1	2,638.02	1	2,260.08	1	1,882.13	1	1,504.17	1	1,127.31	1	751.41	1	383.59	1	60.48	1		1	
1/4	2,630.15	1/4	2,252.20	1/4	1,874.25	1/4	1,496.31	1/4	1,119.49	1/4	743.53	1/4	376.16	1/4	54.58	1/4		1/4	
1/2	2,622.27	1/2	2,244.33	1/2	1,866.38	1/2	1,488.45	1/2	1,111.67	1/2	735.66	1/2	368.73	1/2	48.68	1/2		1/2	
3/4	2,614.40	3/4	2,236.46	3/4	1,858.51	3/4	1,480.59	3/4	1,103.86	3/4	727.78	3/4	361.30	3/4	42.78	3/4		3/4	
2	2,606.52	2	2,228.58	2	1,850.63	2	1,472.73	2	1,096.04	2	719.91	2	353.87	2	36.88	2		2	
1/4	2,598.65	1/4	2,220.71	1/4	1,842.76	1/4	1,464.88	1/4	1,088.22	1/4	712.03	1/4	346.54	1/4	31.48	1/4		1/4	
1/2	2,590.78	1/2	2,212.83	1/2	1,834.88	1/2	1,457.04	1/2	1,080.41	1/2	704.16	1/2	339.21	1/2	26.08	1/2		1/2	
3/4	2,582.90	3/4	2,204.96	3/4	1,827.01	3/4	1,449.19	3/4	1,072.59	3/4	696.28	3/4	331.88	3/4	20.68	3/4		3/4	
3	2,575.03	3	2,197.09	3	1,819.14	3	1,441.34	3	1,064.78	3	688.41	3	324.55	3	15.29	3		3	
1/4	2,567.15	1/4	2,189.21	1/4	1,811.26	1/4	1,433.50	1/4	1,056.96	1/4	680.54	1/4	317.30	1/4	11.91	1/4		1/4	
1/2	2,559.28	1/2	2,181.34	1/2	1,803.39	1/2	1,425.65	1/2	1,049.14	1/2	672.66	1/2	310.06	1/2	8.54	1/2		1/2	
3/4	2,551.41	3/4	2,173.46	3/4	1,795.51	3/4	1,417.81	3/4	1,041.33	3/4	664.79	3/4	302.82	3/4		3/4		3/4	
4	2,543.53	4	2,165.59	4	1,787.64	4	1,409.96	4	1,033.51	4	656.91	4	295.57	4		4		4	
1/4	2,535.66	1/4	2,157.72	1/4	1,779.77	1/4	1,402.11	1/4	1,025.69	1/4	649.04	1/4	288.43	1/4		1/4		1/4	
1/2	2,527.79	1/2	2,149.84	1/2	1,771.89	1/2	1,394.26	1/2	1,017.88	1/2	641.16	1/2	281.28	1/2		1/2		1/2	
3/4	2,519.91	3/4	2,141.97	3/4	1,764.02	3/4	1,386.42	3/4	1,010.06	3/4	633.29	3/4	274.14	3/4		3/4		3/4	
5	2,512.04	5	2,134.10	5	1,756.14	5	1,378.57	5	1,002.24	5	625.41	5	266.99	5		5		5	
1/4	2,504.16	1/4	2,126.22	1/4	1,748.27	1/4	1,370.72	1/4	994.43	1/4	617.54	1/4	259.95	1/4		1/4		1/4	
1/2	2,496.29	1/2	2,118.35	1/2	1,740.39	1/2	1,362.88	1/2	986.61	1/2	609.67	1/2	252.91	1/2		1/2		1/2	
3/4	2,488.42	3/4	2,110.47	3/4	1,732.52	3/4	1,355.03	3/4	978.79	3/4	601.79	3/4	245.87	3/4		3/4		3/4	
6	2,480.54	6	2,102.60	6	1,724.65	6	1,347.18	6	970.98	6	593.92	6	238.82	6		6		6	
1/4	2,472.67	1/4	2,094.73	1/4	1,716.77	1/4	1,339.34	1/4	963.16	1/4	586.04	1/4	231.89	1/4		1/4		1/4	
1/2	2,464.80	1/2	2,086.85	1/2	1,708.90	1/2	1,331.49	1/2	955.34	1/2	578.17	1/2	224.95	1/2		1/2		1/2	
3/4	2,456.92	3/4	2,078.98	3/4	1,701.02	3/4	1,323.64	3/4	947.53	3/4	570.29	3/4	218.01	3/4		3/4		3/4	
7	2,449.05	7	2,071.11	7	1,693.15	7	1,315.79	7	939.71	7	562.42	7	211.07	7		7		7	
1/4	2,441.17	1/4	2,063.23	1/4	1,685.28	1/4	1,307.93	1/4	931.89	1/4	554.54	1/4	204.24	1/4		1/4		1/4	
1/2	2,433.30	1/2	2,055.36	1/2	1,677.40	1/2	1,300.07	1/2	924.08	1/2	546.67	1/2	197.42	1/2		1/2		1/2	
3/4	2,425.43	3/4	2,047.48	3/4	1,669.53	3/4	1,292.21	3/4	916.26	3/4	538.79	3/4	190.59	3/4		3/4		3/4	
8	2,417.55	8	2,039.61	8	1,661.65	8	1,284.35	8	908.45	8	530.92	8	183.76	8		8		8	
1/4	2,409.68	1/4	2,031.74	1/4	1,653.78	1/4	1,276.48	1/4	900.63	1/4	523.27	1/4	177.06	1/4		1/4		1/4	
1/2	2,401.81	1/2	2,023.86	1/2	1,645.91	1/2	1,268.60	1/2	892.81	1/2	515.63	1/2	170.35	1/2		1/2		1/2	
3/4	2,393.93	3/4	2,015.99	3/4	1,638.03	3/4	1,260.73	3/4	884.99	3/4	507.99	3/4	163.64	3/4		3/4		3/4	
9	2,386.06	9	2,008.11	9	1,630.16	9	1,252.85	9	877.17	9	500.35	9	156.93	9		9		9	
1/4	2,378.18	1/4	2,000.24	1/4	1,622.28	1/4	1,244.98	1/4	869.34	1/4	493.20	1/4	150.34	1/4		1/4		1/4	
1/2	2,370.31	1/2	1,992.37	1/2	1,614.41	1/2	1,237.10	1/2	861.51	1/2	486.05	1/2	143.74	1/2		1/2		1/2	
3/4	2,362.44	3/4	1,984.49	3/4	1,606.54	3/4	1,229.23	3/4	853.67	3/4	478.90	3/4	137.15	3/4		3/4		3/4	
10	2,354.56	10	1,976.62	10	1,598.66	10	1,221.35	10	845.84	10	471.75	10	130.56	10		10		10	
1/4	2,346.69	1/4	1,968.74	1/4	1,590.79	1/4	1,213.49	1/4	837.98	1/4	464.67	1/4	124.30	1/4		1/4		1/4	
1/2	2,338.81	1/2	1,960.87	1/2	1,582.91	1/2	1,205.63	1/2	830.12	1/2	457.60	1/2	118.04	1/2		1/2		1/2	
3/4	2,330.94	3/4	1,953.00	3/4	1,575.04	3/4	1,197.77	3/4	822.26	3/4	450.53	3/4	111.78	3/4		3/4		3/4	
11	2,323.07	11	1,945.12	11	1,567.16	11	1,189.91	11	814.40	11	443.46	11	105.53	11		11		11	
1/4	2,315.19	1/4	1,937.25	1/4	1,559.29	1/4	1,182.08	1/4	806.53	1/4	436.03	1/4	99.84	1/4		1/4		1/4	
1/2	2,307.32	1/2	1,929.37	1/2	1,551.42	1/2	1,174.25	1/2	798.65	1/2	428.60	1/2	94.15	1/2		1/2		1/2	
3/4	2,299.45	3/4	1,921.50	3/4	1,543.54	3/4	1,166.41	3/4	790.78	3/4	421.18	3/4	88.46	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/11/2011 SW
CALCULATED: 10/13/2021 PMA
PRINTED: 10/13/2021 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2021

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



BARGE "KIRBY 27768"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03"

0 FT.			1 FT.			2 FT.			3 FT.			4 FT.			5 FT.			6 FT.			7 FT.			8 FT.			9 FT.					
IN			IN			IN			IN			IN			IN			IN			IN			IN			IN			IN		
0			0			0			0			0	4,845.28	0	0	4,514.84	0	0	4,162.67	0	0	3,789.06	0	0	3,411.11	0	0	3,033.16	0	0	3,033.16	0
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,837.78	1/4	1/4	4,507.79	1/4	1/4	4,155.08	1/4	1/4	3,781.18	1/4	1/4	3,403.24	1/4	1/4	3,025.29	1/4	1/4	3,025.29	1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,830.28	1/2	1/2	4,500.74	1/2	1/2	4,147.49	1/2	1/2	3,773.31	1/2	1/2	3,395.36	1/2	1/2	3,017.42	1/2	1/2	3,017.42	1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,823.35	3/4	3/4	4,493.65	3/4	3/4	4,139.87	3/4	3/4	3,765.44	3/4	3/4	3,387.49	3/4	3/4	3,009.54	3/4	3/4	3,009.54	3/4
1		1	1		1	1		1	1		1	1	4,816.42	1	1	4,486.57	1	1	4,132.24	1	1	3,757.56	1	1	3,379.61	1	1	3,001.67	1	1	3,001.67	1
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,809.49	1/4	1/4	4,479.48	1/4	1/4	4,124.61	1/4	1/4	3,749.69	1/4	1/4	3,371.74	1/4	1/4	2,993.79	1/4	1/4	2,993.79	1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,802.56	1/2	1/2	4,472.39	1/2	1/2	4,116.98	1/2	1/2	3,741.81	1/2	1/2	3,363.87	1/2	1/2	2,985.92	1/2	1/2	2,985.92	1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,795.89	3/4	3/4	4,465.27	3/4	3/4	4,109.32	3/4	3/4	3,733.94	3/4	3/4	3,355.99	3/4	3/4	2,978.05	3/4	3/4	2,978.05	3/4
2		2	2		2	2		2	2		2	2	4,789.22	2	2	4,458.14	2	2	4,101.65	2	2	3,726.07	2	2	3,348.12	2	2	2,970.17	2	2	2,970.17	2
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,782.55	1/4	1/4	4,451.02	1/4	1/4	4,093.99	1/4	1/4	3,718.19	1/4	1/4	3,340.25	1/4	1/4	2,962.30	1/4	1/4	2,962.30	1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,775.88	1/2	1/2	4,443.89	1/2	1/2	4,086.32	1/2	1/2	3,710.32	1/2	1/2	3,332.37	1/2	1/2	2,954.42	1/2	1/2	2,954.42	1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,769.17	3/4	3/4	4,436.71	3/4	3/4	4,078.62	3/4	3/4	3,702.44	3/4	3/4	3,324.50	3/4	3/4	2,946.55	3/4	3/4	2,946.55	3/4
3		3	3		3	3		3	3		3	3	4,762.46	3	3	4,429.52	3	3	4,070.92	3	3	3,694.57	3	3	3,316.62	3	3	2,938.68	3	3	2,938.68	3
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,755.76	1/4	1/4	4,422.34	1/4	1/4	4,063.21	1/4	1/4	3,686.70	1/4	1/4	3,308.75	1/4	1/4	2,930.80	1/4	1/4	2,930.80	1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,749.05	1/2	1/2	4,415.16	1/2	1/2	4,055.51	1/2	1/2	3,678.82	1/2	1/2	3,300.88	1/2	1/2	2,922.93	1/2	1/2	2,922.93	1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,742.30	3/4	3/4	4,407.89	3/4	3/4	4,047.77	3/4	3/4	3,670.95	3/4	3/4	3,293.00	3/4	3/4	2,915.05	3/4	3/4	2,915.05	3/4
4		4	4		4	4		4	4		4	4	4,735.56	4	4	4,400.63	4	4	4,040.03	4	4	3,663.08	4	4	3,285.13	4	4	2,907.18	4	4	2,907.18	4
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,728.81	1/4	1/4	4,393.36	1/4	1/4	4,032.29	1/4	1/4	3,655.20	1/4	1/4	3,277.25	1/4	1/4	2,899.31	1/4	1/4	2,899.31	1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,722.07	1/2	1/2	4,386.10	1/2	1/2	4,024.55	1/2	1/2	3,647.33	1/2	1/2	3,269.38	1/2	1/2	2,891.43	1/2	1/2	2,891.43	1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,715.28	3/4	3/4	4,378.77	3/4	3/4	4,016.77	3/4	3/4	3,639.45	3/4	3/4	3,261.51	3/4	3/4	2,883.56	3/4	3/4	2,883.56	3/4
5		5	5		5	5		5	5		5	5	4,708.50	5	5	4,371.45	5	5	4,008.99	5	5	3,631.58	5	5	3,253.63	5	5	2,875.69	5	5	2,875.69	5
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,701.72	1/4	1/4	4,364.13	1/4	1/4	4,001.21	1/4	1/4	3,623.71	1/4	1/4	3,245.76	1/4	1/4	2,867.81	1/4	1/4	2,867.81	1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,694.93	1/2	1/2	4,356.80	1/2	1/2	3,993.43	1/2	1/2	3,615.83	1/2	1/2	3,237.88	1/2	1/2	2,859.94	1/2	1/2	2,859.94	1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,688.11	3/4	3/4	4,349.44	3/4	3/4	3,985.61	3/4	3/4	3,607.96	3/4	3/4	3,230.01	3/4	3/4	2,852.06	3/4	3/4	2,852.06	3/4
6		6	6		6	6		6	6		6	6	4,681.29	6	6	4,342.08	6	6	3,977.80	6	6	3,600.08	6	6	3,222.14	6	6	2,844.19	6	6	2,844.19	6
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,674.47	1/4	1/4	4,334.72	1/4	1/4	3,969.98	1/4	1/4	3,592.21	1/4	1/4	3,214.26	1/4	1/4	2,836.32	1/4	1/4	2,836.32	1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,667.65	1/2	1/2	4,327.36	1/2	1/2	3,962.16	1/2	1/2	3,584.34	1/2	1/2	3,206.39	1/2	1/2	2,828.44	1/2	1/2	2,828.44	1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,660.79	3/4	3/4	4,319.96	3/4	3/4	3,954.31	3/4	3/4	3,576.46	3/4	3/4	3,198.52	3/4	3/4	2,820.57	3/4	3/4	2,820.57	3/4
7		7	7		7	7		7	7		7	7	4,653.93	7	7	4,312.56	7	7	3,946.46	7	7	3,568.59	7	7	3,190.64	7	7	2,812.69	7	7	2,812.69	7
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,647.07	1/4	1/4	4,305.16	1/4	1/4	3,938.61	1/4	1/4	3,560.71	1/4	1/4	3,182.77	1/4	1/4	2,804.82	1/4	1/4	2,804.82	1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,970.96	1/2	1/2	4,640.21	1/2	1/2	4,297.76	1/2	1/2	3,930.76	1/2	1/2	3,552.84	1/2	1/2	3,174.89	1/2	1/2	2,796.95	1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,965.47	3/4	3/4	4,633.31	3/4	3/4	4,290.32	3/4	3/4	3,922.90	3/4	3/4	3,544.97	3/4	3/4	3,167.02	3/4	3/4	2,789.07	3/4
8		8	8		8	8		8	8		8	8	4,959.97	8	8	4,626.41	8	8	4,282.88	8	8	3,915.03	8	8	3,537.09	8	8	3,159.15	8	8	2,781.20	8
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,954.48	1/4	1/4	4,619.52	1/4	1/4	4,275.45	1/4	1/4	3,907.16	1/4	1/4	3,529.22	1/4	1/4	3,151.27	1/4	1/4	2,773.32	1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,948.99	1/2	1/2	4,612.62	1/2	1/2	4,268.01	1/2	1/2	3,899.29	1/2	1/2	3,521.35	1/2	1/2	3,143.40	1/2	1/2	2,765.45	1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,942.21	3/4	3/4	4,605.68	3/4	3/4	4,260.53	3/4	3/4	3,891.42	3/4	3/4	3,513.47	3/4	3/4	3,135.52	3/4	3/4	2,757.58	3/4
9		9	9		9	9		9	9		9	9	4,935.42	9	9	4,598.75	9	9	4,253.06	9	9	3,883.54	9	9	3,505.60	9	9	3,127.65	9	9	2,749.70	9
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,928.64	1/4	1/4	4,591.81	1/4	1/4	4,245.58	1/4	1/4	3,875.67	1/4	1/4	3,497.72	1/4	1/4	3,119.78	1/4	1/4	2,741.83	1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,921.85	1/2	1/2	4,584.88	1/2	1/2	4,238.11	1/2	1/2	3,867.80	1/2	1/2	3,489.85	1/2	1/2	3,111.90	1/2	1/2	2,733.95	1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,914.25	3/4	3/4	4,577.90	3/4	3/4	4,230.59	3/4	3/4	3,859.92	3/4	3/4	3,481.98	3/4	3/4	3,104.03	3/4	3/4	2,726.08	3/4
10		10	10		10	10		10	10		10	10	4,906.65	10	10	4,570.93	10	10	4,223.08	10	10	3,852.05	10	10	3,474.10	10	10					



BARGE "KIRBY 27768"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,655.22	0	2,277.27	0	1,899.32	0	1,521.36	0	1,144.15	0	767.20	0	398.71	0	71.64	0		0	
1/4	2,647.34	1/4	2,269.39	1/4	1,891.44	1/4	1,513.49	1/4	1,136.30	1/4	759.32	1/4	391.17	1/4	66.06	1/4		1/4	
1/2	2,639.47	1/2	2,261.52	1/2	1,883.57	1/2	1,505.61	1/2	1,128.45	1/2	751.45	1/2	383.63	1/2	60.49	1/2		1/2	
3/4	2,631.59	3/4	2,253.65	3/4	1,875.70	3/4	1,497.75	3/4	1,120.61	3/4	743.58	3/4	376.20	3/4	54.59	3/4		3/4	
1	2,623.72	1	2,245.77	1	1,867.82	1	1,489.89	1	1,112.76	1	735.70	1	368.77	1	48.69	1		1	
1/4	2,615.85	1/4	2,237.90	1/4	1,859.95	1/4	1,482.03	1/4	1,104.92	1/4	727.83	1/4	361.34	1/4	42.79	1/4		1/4	
1/2	2,607.97	1/2	2,230.03	1/2	1,852.07	1/2	1,474.17	1/2	1,097.07	1/2	719.95	1/2	353.91	1/2	36.89	1/2		1/2	
3/4	2,600.10	3/4	2,222.15	3/4	1,844.20	3/4	1,466.33	3/4	1,089.23	3/4	712.08	3/4	346.58	3/4	31.49	3/4		3/4	
2	2,592.22	2	2,214.28	2	1,836.33	2	1,458.48	2	1,081.38	2	704.20	2	339.25	2	26.09	2		2	
1/4	2,584.35	1/4	2,206.40	1/4	1,828.45	1/4	1,450.63	1/4	1,073.54	1/4	696.33	1/4	331.92	1/4	20.69	1/4		1/4	
1/2	2,576.48	1/2	2,198.53	1/2	1,820.58	1/2	1,442.79	1/2	1,065.69	1/2	688.45	1/2	324.58	1/2	15.29	1/2		1/2	
3/4	2,568.60	3/4	2,190.66	3/4	1,812.70	3/4	1,434.94	3/4	1,057.85	3/4	680.58	3/4	317.34	3/4	11.92	3/4		3/4	
3	2,560.73	3	2,182.78	3	1,804.83	3	1,427.09	3	1,050.00	3	672.71	3	310.10	3	8.54	3		3	
1/4	2,552.86	1/4	2,174.91	1/4	1,796.96	1/4	1,419.25	1/4	1,042.15	1/4	664.83	1/4	302.86	1/4		1/4		1/4	
1/2	2,544.98	1/2	2,167.03	1/2	1,789.08	1/2	1,411.40	1/2	1,034.31	1/2	656.96	1/2	295.61	1/2		1/2		1/2	
3/4	2,537.11	3/4	2,159.16	3/4	1,781.21	3/4	1,403.55	3/4	1,026.46	3/4	649.08	3/4	288.47	3/4		3/4		3/4	
4	2,529.23	4	2,151.29	4	1,773.33	4	1,395.71	4	1,018.62	4	641.21	4	281.32	4		4		4	
1/4	2,521.36	1/4	2,143.41	1/4	1,765.46	1/4	1,387.86	1/4	1,010.77	1/4	633.33	1/4	274.17	1/4		1/4		1/4	
1/2	2,513.49	1/2	2,135.54	1/2	1,757.58	1/2	1,380.01	1/2	1,002.93	1/2	625.46	1/2	267.03	1/2		1/2		1/2	
3/4	2,505.61	3/4	2,127.66	3/4	1,749.71	3/4	1,372.16	3/4	995.08	3/4	617.58	3/4	259.98	3/4		3/4		3/4	
5	2,497.74	5	2,119.79	5	1,741.84	5	1,364.32	5	987.24	5	609.71	5	252.94	5		5		5	
1/4	2,489.86	1/4	2,111.92	1/4	1,733.96	1/4	1,356.47	1/4	979.39	1/4	601.84	1/4	245.90	1/4		1/4		1/4	
1/2	2,481.99	1/2	2,104.04	1/2	1,726.09	1/2	1,348.62	1/2	971.54	1/2	593.96	1/2	238.86	1/2		1/2		1/2	
3/4	2,474.12	3/4	2,096.17	3/4	1,718.21	3/4	1,340.78	3/4	963.70	3/4	586.09	3/4	231.92	3/4		3/4		3/4	
6	2,466.24	6	2,088.30	6	1,710.34	6	1,332.93	6	955.85	6	578.21	6	224.98	6		6		6	
1/4	2,458.37	1/4	2,080.42	1/4	1,702.47	1/4	1,325.08	1/4	948.01	1/4	570.34	1/4	218.04	1/4		1/4		1/4	
1/2	2,450.49	1/2	2,072.55	1/2	1,694.59	1/2	1,317.23	1/2	940.16	1/2	562.46	1/2	211.10	1/2		1/2		1/2	
3/4	2,442.62	3/4	2,064.67	3/4	1,686.72	3/4	1,309.37	3/4	932.32	3/4	554.59	3/4	204.28	3/4		3/4		3/4	
7	2,434.75	7	2,056.80	7	1,678.84	7	1,301.51	7	924.47	7	546.71	7	197.45	7		7		7	
1/4	2,426.87	1/4	2,048.93	1/4	1,670.97	1/4	1,293.65	1/4	916.63	1/4	538.84	1/4	190.62	1/4		1/4		1/4	
1/2	2,419.00	1/2	2,041.05	1/2	1,663.10	1/2	1,285.79	1/2	908.78	1/2	530.96	1/2	183.80	1/2		1/2		1/2	
3/4	2,411.13	3/4	2,033.18	3/4	1,655.22	3/4	1,277.92	3/4	900.93	3/4	523.32	3/4	177.09	3/4		3/4		3/4	
8	2,403.25	8	2,025.30	8	1,647.35	8	1,270.04	8	893.09	8	515.68	8	170.38	8		8		8	
1/4	2,395.38	1/4	2,017.43	1/4	1,639.47	1/4	1,262.17	1/4	885.24	1/4	508.04	1/4	163.67	1/4		1/4		1/4	
1/2	2,387.50	1/2	2,009.56	1/2	1,631.60	1/2	1,254.29	1/2	877.39	1/2	500.39	1/2	156.96	1/2		1/2		1/2	
3/4	2,379.63	3/4	2,001.68	3/4	1,623.72	3/4	1,246.42	3/4	869.53	3/4	493.24	3/4	150.37	3/4		3/4		3/4	
9	2,371.76	9	1,993.81	9	1,615.85	9	1,238.54	9	861.67	9	486.09	9	143.77	9		9		9	
1/4	2,363.88	1/4	1,985.93	1/4	1,607.98	1/4	1,230.67	1/4	853.80	1/4	478.94	1/4	137.18	1/4		1/4		1/4	
1/2	2,356.01	1/2	1,978.06	1/2	1,600.10	1/2	1,222.79	1/2	845.94	1/2	471.79	1/2	130.58	1/2		1/2		1/2	
3/4	2,348.13	3/4	1,970.19	3/4	1,592.23	3/4	1,214.92	3/4	838.07	3/4	464.72	3/4	124.32	3/4		3/4		3/4	
10	2,340.26	10	1,962.31	10	1,584.35	10	1,207.04	10	830.19	10	457.64	10	118.07	10		10		10	
1/4	2,332.39	1/4	1,954.44	1/4	1,576.48	1/4	1,199.17	1/4	822.32	1/4	450.57	1/4	111.81	1/4		1/4		1/4	
1/2	2,324.51	1/2	1,946.56	1/2	1,568.61	1/2	1,191.29	1/2	814.44	1/2	443.50	1/2	105.55	1/2		1/2		1/2	
3/4	2,316.64	3/4	1,938.69	3/4	1,560.73	3/4	1,183.43	3/4	806.57	3/4	436.07	3/4	99.86	3/4		3/4		3/4	
11	2,308.76	11	1,930.81	11	1,552.86	11	1,175.57	11	798.70	11	428.64	11	94.17	11		11		11	
1/4	2,300.89	1/4	1,922.94	1/4	1,544.98	1/4	1,167.71	1/4	790.82	1/4	421.22	1/4	88.48	1/4		1/4		1/4	
1/2	2,293.02	1/2	1,915.07	1/2	1,537.11	1/2	1,159.85	1/2	782.95	1/2	413.79	1/2	82.79	1/2		1/2		1/2	
3/4	2,285.14	3/4	1,907.19	3/4	1,529.24	3/4	1,152.00	3/4	775.07	3/4	406.25	3/4	77.21	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/11/2011 SW
RECALCULATED: 10/13/2021 PMA
REPRINTED: 10/13/2021 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2021

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



BARGE "KIRBY 27768"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0		0	4,681.53	0	4,366.41	0	4,033.66	0	3,679.80	0	3,320.97	0	2,962.14
1/4		1/4		1/4		1/4		1/4	4,674.14	1/4	4,359.76	1/4	4,026.49	1/4	3,672.33	1/4	3,313.50	1/4	2,954.66
1/2		1/2		1/2		1/2		1/2	4,667.02	1/2	4,353.07	1/2	4,019.29	1/2	3,664.85	1/2	3,306.02	1/2	2,947.19
3/4		3/4		3/4		3/4		3/4	4,659.91	3/4	4,346.38	3/4	4,012.08	3/4	3,657.38	3/4	3,298.54	3/4	2,939.71
1		1		1		1		1	4,652.79	1	4,339.69	1	4,004.88	1	3,649.90	1	3,291.07	1	2,932.23
1/4		1/4		1/4		1/4		1/4	4,645.68	1/4	4,333.00	1/4	3,997.67	1/4	3,642.43	1/4	3,283.59	1/4	2,924.76
1/2		1/2		1/2		1/2		1/2	4,639.10	1/2	4,326.28	1/2	3,990.43	1/2	3,634.95	1/2	3,276.12	1/2	2,917.28
3/4		3/4		3/4		3/4		3/4	4,632.52	3/4	4,319.56	3/4	3,983.19	3/4	3,627.47	3/4	3,268.64	3/4	2,909.81
2		2		2		2		2	4,625.95	2	4,312.83	2	3,975.95	2	3,620.00	2	3,261.17	2	2,902.33
1/4		1/4		1/4		1/4		1/4	4,619.37	1/4	4,306.11	1/4	3,968.71	1/4	3,612.52	1/4	3,253.69	1/4	2,894.86
1/2		1/2		1/2		1/2		1/2	4,613.04	1/2	4,299.35	1/2	3,961.43	1/2	3,605.05	1/2	3,246.21	1/2	2,887.38
3/4		3/4		3/4		3/4		3/4	4,606.72	3/4	4,292.59	3/4	3,954.15	3/4	3,597.57	3/4	3,238.74	3/4	2,879.90
3		3		3		3		3	4,600.39	3	4,285.82	3	3,946.87	3	3,590.10	3	3,231.26	3	2,872.43
1/4		1/4		1/4		1/4		1/4	4,594.06	1/4	4,279.06	1/4	3,939.60	1/4	3,582.62	1/4	3,223.79	1/4	2,864.95
1/2		1/2		1/2		1/2		1/2	4,587.69	1/2	4,272.25	1/2	3,932.28	1/2	3,575.14	1/2	3,216.31	1/2	2,857.48
3/4		3/4		3/4		3/4		3/4	4,581.33	3/4	4,265.43	3/4	3,924.97	3/4	3,567.67	3/4	3,208.84	3/4	2,850.00
4		4		4		4		4	4,574.97	4	4,258.61	4	3,917.66	4	3,560.19	4	3,201.36	4	2,842.53
1/4		1/4		1/4		1/4		1/4	4,568.60	1/4	4,251.79	1/4	3,910.34	1/4	3,552.72	1/4	3,193.88	1/4	2,835.05
1/2		1/2		1/2		1/2		1/2	4,562.20	1/2	4,244.90	1/2	3,902.99	1/2	3,545.24	1/2	3,186.41	1/2	2,827.57
3/4		3/4		3/4		3/4		3/4	4,555.80	3/4	4,238.00	3/4	3,895.64	3/4	3,537.77	3/4	3,178.93	3/4	2,820.10
5		5		5		5		5	4,549.40	5	4,231.11	5	3,888.29	5	3,530.29	5	3,171.46	5	2,812.62
1/4		1/4		1/4		1/4		1/4	4,543.00	1/4	4,224.21	1/4	3,880.95	1/4	3,522.82	1/4	3,163.98	1/4	2,805.15
1/2		1/2		1/2		1/2		1/2	4,536.56	1/2	4,217.26	1/2	3,873.56	1/2	3,515.34	1/2	3,156.51	1/2	2,797.67
3/4		3/4		3/4		3/4		3/4	4,530.13	3/4	4,210.30	3/4	3,866.17	3/4	3,507.86	3/4	3,149.03	3/4	2,790.20
6		6		6		6		6	4,523.69	6	4,203.35	6	3,858.79	6	3,500.39	6	3,141.55	6	2,782.72
1/4		1/4		1/4		1/4		1/4	4,517.26	1/4	4,196.40	1/4	3,851.40	1/4	3,492.91	1/4	3,134.08	1/4	2,775.25
1/2		1/2		1/2		1/2		1/2	4,510.78	1/2	4,189.41	1/2	3,843.98	1/2	3,485.44	1/2	3,126.60	1/2	2,767.77
3/4		3/4		3/4		3/4		3/4	4,504.31	3/4	4,182.42	3/4	3,836.56	3/4	3,477.96	3/4	3,119.13	3/4	2,760.29
7		7		7		7		7	4,497.84	7	4,175.43	7	3,829.14	7	3,470.49	7	3,111.65	7	2,752.82
1/4		1/4		1/4		1/4		1/4	4,491.37	1/4	4,168.44	1/4	3,821.72	1/4	3,463.01	1/4	3,104.18	1/4	2,745.34
1/2		1/2		1/2		1/2		1/2	4,484.86	1/2	4,161.41	1/2	3,814.26	1/2	3,455.53	1/2	3,096.70	1/2	2,737.87
3/4		3/4		3/4		3/4		3/4	4,478.35	3/4	4,154.39	3/4	3,806.81	3/4	3,448.06	3/4	3,089.22	3/4	2,730.39
8		8		8		8		8	4,471.84	8	4,147.36	8	3,799.36	8	3,440.58	8	3,081.75	8	2,722.92
1/4		1/4		1/4		1/4	4,779.15	1/4	4,465.33	1/4	4,140.34	1/4	3,791.90	1/4	3,433.11	1/4	3,074.27	1/4	2,715.44
1/2		1/2		1/2		1/2	4,773.94	1/2	4,458.79	1/2	4,133.28	1/2	3,784.44	1/2	3,425.63	1/2	3,066.80	1/2	2,707.96
3/4		3/4		3/4		3/4	4,768.73	3/4	4,452.24	3/4	4,126.22	3/4	3,776.97	3/4	3,418.16	3/4	3,059.32	3/4	2,700.49
9		9		9		9	4,763.52	9	4,445.70	9	4,119.16	9	3,769.50	9	3,410.68	9	3,051.85	9	2,693.01
1/4		1/4		1/4		1/4	4,758.31	1/4	4,439.16	1/4	4,112.09	1/4	3,762.04	1/4	3,403.20	1/4	3,044.37	1/4	2,685.54
1/2		1/2		1/2		1/2	4,751.88	1/2	4,432.58	1/2	4,105.00	1/2	3,754.56	1/2	3,395.73	1/2	3,036.89	1/2	2,678.06
3/4		3/4		3/4		3/4	4,745.44	3/4	4,426.00	3/4	4,097.90	3/4	3,747.09	3/4	3,388.25	3/4	3,029.42	3/4	2,670.59
10		10		10		10	4,739.00	10	4,419.42	10	4,090.80	10	3,739.61	10	3,380.78	10	3,021.94	10	2,663.11
1/4		1/4		1/4		1/4	4,732.57	1/4	4,412.83	1/4	4,083.70	1/4	3,732.13	1/4	3,373.30	1/4	3,014.47	1/4	2,655.63
1/2		1/2		1/2		1/2	4,725.35	1/2	4,406.22	1/2	4,076.57	1/2	3,724.66	1/2	3,365.83	1/2	3,006.99	1/2	2,648.16
3/4		3/4		3/4		3/4	4,718.14	3/4	4,399.60	3/4	4,069.44	3/4	3,717.18	3/4	3,358.35	3/4	2,999.52	3/4	2,640.68
11		11		11		11	4,710.92	11	4,392.99	11	4,062.30	11	3,709.71	11	3,350.87	11	2,992.04	11	2,633.21
1/4		1/4		1/4		1/4	4,703.71	1/4	4,386.37	1/4	4,055.17	1/4	3,702.23	1/4	3,343.40	1/4	2,984.56	1/4	2,625.73
1/2		1/2		1/2		1/2	4,696.31	1/2	4,379.72	1/2	4,048.00	1/2	3,694.76	1/2	3,335.92	1/2	2,977.09	1/2	2,618.26
3/4		3/4		3/4		3/4	4,688.92	3/4	4,373.06	3/4	4,040.83	3/4	3,687.28	3/4	3,328.45	3/4	2,969.61	3/4	2,610.78

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" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 49'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 27768"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,603.30	0	2,244.47	0	1,885.63	0	1,526.79	0	1,173.37	0	829.60	0	477.75	0	122.80	0		0	
1/4	2,595.83	1/4	2,236.99	1/4	1,878.16	1/4	1,519.32	1/4	1,166.20	1/4	822.27	1/4	470.51	1/4	116.02	1/4		1/4	
1/2	2,588.35	1/2	2,229.52	1/2	1,870.68	1/2	1,511.92	1/2	1,159.05	1/2	814.80	1/2	463.05	1/2	109.25	1/2		1/2	
3/4	2,580.88	3/4	2,222.04	3/4	1,863.21	3/4	1,504.53	3/4	1,151.91	3/4	807.32	3/4	455.60	3/4	102.48	3/4		3/4	
1	2,573.40	1	2,214.57	1	1,855.73	1	1,497.13	1	1,144.76	1	799.84	1	448.14	1	95.71	1		1	
1/4	2,565.93	1/4	2,207.09	1/4	1,848.25	1/4	1,489.74	1/4	1,137.61	1/4	792.37	1/4	440.69	1/4	88.93	1/4		1/4	
1/2	2,558.45	1/2	2,199.62	1/2	1,840.78	1/2	1,482.42	1/2	1,130.46	1/2	784.89	1/2	433.24	1/2	81.75	1/2		1/2	
3/4	2,550.97	3/4	2,192.14	3/4	1,833.30	3/4	1,475.11	3/4	1,123.32	3/4	777.42	3/4	425.80	3/4	74.57	3/4		3/4	
2	2,543.50	2	2,184.66	2	1,825.83	2	1,467.80	2	1,116.17	2	769.94	2	418.35	2	67.39	2		2	
1/4	2,536.02	1/4	2,177.19	1/4	1,818.35	1/4	1,460.48	1/4	1,109.03	1/4	762.46	1/4	410.90	1/4	60.21	1/4		1/4	
1/2	2,528.55	1/2	2,169.71	1/2	1,810.87	1/2	1,453.17	1/2	1,101.88	1/2	754.99	1/2	403.45	1/2	53.41	1/2		1/2	
3/4	2,521.07	3/4	2,162.24	3/4	1,803.40	3/4	1,445.86	3/4	1,094.73	3/4	747.51	3/4	396.00	3/4	46.61	3/4		3/4	
3	2,513.60	3	2,154.76	3	1,795.92	3	1,438.54	3	1,087.59	3	740.04	3	388.54	3	39.80	3		3	
1/4	2,506.12	1/4	2,147.29	1/4	1,788.45	1/4	1,431.23	1/4	1,080.44	1/4	732.56	1/4	381.09	1/4	33.00	1/4		1/4	
1/2	2,498.64	1/2	2,139.81	1/2	1,780.97	1/2	1,423.91	1/2	1,073.29	1/2	725.08	1/2	373.62	1/2	28.02	1/2		1/2	
3/4	2,491.17	3/4	2,132.33	3/4	1,773.50	3/4	1,416.60	3/4	1,066.15	3/4	717.61	3/4	366.15	3/4	23.04	3/4		3/4	
4	2,483.69	4	2,124.86	4	1,766.02	4	1,409.29	4	1,059.00	4	710.13	4	358.68	4		4		4	
1/4	2,476.22	1/4	2,117.38	1/4	1,758.54	1/4	1,401.97	1/4	1,051.86	1/4	702.65	1/4	351.21	1/4		1/4		1/4	
1/2	2,468.74	1/2	2,109.91	1/2	1,751.07	1/2	1,394.66	1/2	1,044.71	1/2	695.18	1/2	343.74	1/2		1/2		1/2	
3/4	2,461.27	3/4	2,102.43	3/4	1,743.59	3/4	1,387.34	3/4	1,037.56	3/4	687.70	3/4	336.26	3/4		3/4		3/4	
5	2,453.79	5	2,094.96	5	1,736.12	5	1,380.03	5	1,030.42	5	680.23	5	328.79	5		5		5	
1/4	2,446.31	1/4	2,087.48	1/4	1,728.64	1/4	1,372.72	1/4	1,023.27	1/4	672.75	1/4	321.31	1/4		1/4		1/4	
1/2	2,438.84	1/2	2,080.00	1/2	1,721.16	1/2	1,365.40	1/2	1,016.13	1/2	665.27	1/2	313.84	1/2		1/2		1/2	
3/4	2,431.36	3/4	2,072.53	3/4	1,713.69	3/4	1,358.09	3/4	1,008.98	3/4	657.80	3/4	306.36	3/4		3/4		3/4	
6	2,423.89	6	2,065.05	6	1,706.21	6	1,350.77	6	1,001.83	6	650.32	6	298.89	6		6		6	
1/4	2,416.41	1/4	2,057.58	1/4	1,698.74	1/4	1,343.46	1/4	994.69	1/4	642.85	1/4	291.41	1/4		1/4		1/4	
1/2	2,408.94	1/2	2,050.10	1/2	1,691.26	1/2	1,336.06	1/2	987.54	1/2	635.37	1/2	283.94	1/2		1/2		1/2	
3/4	2,401.46	3/4	2,042.63	3/4	1,683.79	3/4	1,328.67	3/4	980.40	3/4	627.89	3/4	276.46	3/4		3/4		3/4	
7	2,393.98	7	2,035.15	7	1,676.31	7	1,321.27	7	973.25	7	620.41	7	268.99	7		7		7	
1/4	2,386.51	1/4	2,027.68	1/4	1,668.83	1/4	1,313.88	1/4	966.10	1/4	612.94	1/4	261.51	1/4		1/4		1/4	
1/2	2,379.03	1/2	2,020.20	1/2	1,661.36	1/2	1,306.40	1/2	958.96	1/2	605.46	1/2	254.04	1/2		1/2		1/2	
3/4	2,371.56	3/4	2,012.72	3/4	1,653.88	3/4	1,298.92	3/4	951.81	3/4	597.98	3/4	246.57	3/4		3/4		3/4	
8	2,364.08	8	2,005.25	8	1,646.41	8	1,291.45	8	944.67	8	590.51	8	239.11	8		8		8	
1/4	2,356.61	1/4	1,997.77	1/4	1,638.93	1/4	1,283.97	1/4	937.52	1/4	583.03	1/4	231.64	1/4		1/4		1/4	
1/2	2,349.13	1/2	1,990.30	1/2	1,631.46	1/2	1,276.49	1/2	930.37	1/2	575.78	1/2	224.18	1/2		1/2		1/2	
3/4	2,341.65	3/4	1,982.82	3/4	1,623.98	3/4	1,269.02	3/4	923.22	3/4	568.52	3/4	216.73	3/4		3/4		3/4	
9	2,334.18	9	1,975.34	9	1,616.50	9	1,261.54	9	916.07	9	561.26	9	209.28	9		9		9	
1/4	2,326.70	1/4	1,967.87	1/4	1,609.03	1/4	1,254.06	1/4	908.93	1/4	554.01	1/4	201.83	1/4		1/4		1/4	
1/2	2,319.23	1/2	1,960.39	1/2	1,601.55	1/2	1,246.59	1/2	901.76	1/2	547.20	1/2	194.38	1/2		1/2		1/2	
3/4	2,311.75	3/4	1,952.91	3/4	1,594.08	3/4	1,239.11	3/4	894.60	3/4	540.38	3/4	186.94	3/4		3/4		3/4	
10	2,304.28	10	1,945.44	10	1,586.60	10	1,231.63	10	887.44	10	533.57	10	179.49	10		10		10	
1/4	2,296.80	1/4	1,937.96	1/4	1,579.12	1/4	1,224.16	1/4	880.28	1/4	526.75	1/4	172.05	1/4		1/4		1/4	
1/2	2,289.32	1/2	1,930.49	1/2	1,571.65	1/2	1,216.83	1/2	873.10	1/2	519.94	1/2	164.83	1/2		1/2		1/2	
3/4	2,281.85	3/4	1,923.01	3/4	1,564.17	3/4	1,209.51	3/4	865.93	3/4	513.13	3/4	157.60	3/4		3/4		3/4	
11	2,274.37	11	1,915.54	11	1,556.70	11	1,202.18	11	858.75	11	506.31	11	150.38	11		11		11	
1/4	2,266.90	1/4	1,908.06	1/4	1,549.22	1/4	1,194.85	1/4	851.58	1/4	499.50	1/4	143.16	1/4		1/4		1/4	
1/2	2,259.42	1/2	1,900.58	1/2	1,541.75	1/2	1,187.69	1/2	844.25	1/2	492.25	1/2	136.37	1/2		1/2		1/2	
3/4	2,251.95	3/4	1,893.11	3/4	1,534.27	3/4	1,180.53	3/4	836.92	3/4	485.00	3/4	129.59	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/11/2011 SW
RECALCULATED: 10/13/2021 PMA
REPRINTED: 10/13/2021 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2021

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



BARGE "KIRBY 27768"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0		0	4,690.88	0	4,376.45	0	4,043.12	0	3,688.85	0	3,329.93	0	2,971.02
1/4		1/4		1/4		1/4		1/4	4,683.76	1/4	4,369.76	1/4	4,035.92	1/4	3,681.37	1/4	3,322.46	1/4	2,963.54
1/2		1/2		1/2		1/2		1/2	4,676.64	1/2	4,363.07	1/2	4,028.71	1/2	3,673.89	1/2	3,314.98	1/2	2,956.06
3/4		3/4		3/4		3/4		3/4	4,669.52	3/4	4,356.38	3/4	4,021.50	3/4	3,666.42	3/4	3,307.50	3/4	2,948.59
1		1		1		1		1	4,662.41	1	4,349.69	1	4,014.30	1	3,658.94	1	3,300.02	1	2,941.11
1/4		1/4		1/4		1/4		1/4	4,655.83	1/4	4,342.97	1/4	4,007.05	1/4	3,651.46	1/4	3,292.55	1/4	2,933.63
1/2		1/2		1/2		1/2		1/2	4,649.25	1/2	4,336.24	1/2	3,999.81	1/2	3,643.98	1/2	3,285.07	1/2	2,926.15
3/4		3/4		3/4		3/4		3/4	4,642.68	3/4	4,329.52	3/4	3,992.57	3/4	3,636.51	3/4	3,277.59	3/4	2,918.68
2		2		2		2		2	4,636.10	2	4,322.79	2	3,985.32	2	3,629.03	2	3,270.11	2	2,911.20
1/4		1/4		1/4		1/4		1/4	4,629.77	1/4	4,316.03	1/4	3,978.04	1/4	3,621.55	1/4	3,262.64	1/4	2,903.72
1/2		1/2		1/2		1/2		1/2	4,623.44	1/2	4,309.27	1/2	3,970.77	1/2	3,614.07	1/2	3,255.16	1/2	2,896.24
3/4		3/4		3/4		3/4		3/4	4,617.11	3/4	4,302.50	3/4	3,963.49	3/4	3,606.60	3/4	3,247.68	3/4	2,888.77
3		3		3		3		3	4,610.78	3	4,295.74	3	3,956.21	3	3,599.12	3	3,240.20	3	2,881.29
1/4		1/4		1/4		1/4		1/4	4,604.42	1/4	4,288.92	1/4	3,948.89	1/4	3,591.64	1/4	3,232.73	1/4	2,873.81
1/2		1/2		1/2		1/2		1/2	4,598.05	1/2	4,282.11	1/2	3,941.58	1/2	3,584.16	1/2	3,225.25	1/2	2,866.33
3/4		3/4		3/4		3/4		3/4	4,591.69	3/4	4,275.29	3/4	3,934.26	3/4	3,576.69	3/4	3,217.77	3/4	2,858.86
4		4		4		4		4	4,585.32	4	4,268.47	4	3,926.95	4	3,569.21	4	3,210.29	4	2,851.38
1/4		1/4		1/4		1/4		1/4	4,578.92	1/4	4,261.57	1/4	3,919.60	1/4	3,561.73	1/4	3,202.82	1/4	2,843.90
1/2		1/2		1/2		1/2		1/2	4,572.52	1/2	4,254.67	1/2	3,912.24	1/2	3,554.25	1/2	3,195.34	1/2	2,836.42
3/4		3/4		3/4		3/4		3/4	4,566.12	3/4	4,247.78	3/4	3,904.89	3/4	3,546.78	3/4	3,187.86	3/4	2,828.95
5		5		5		5		5	4,559.72	5	4,240.88	5	3,897.54	5	3,539.30	5	3,180.38	5	2,821.47
1/4		1/4		1/4		1/4		1/4	4,553.28	1/4	4,233.92	1/4	3,890.15	1/4	3,531.82	1/4	3,172.91	1/4	2,813.99
1/2		1/2		1/2		1/2		1/2	4,546.84	1/2	4,226.97	1/2	3,882.77	1/2	3,524.35	1/2	3,165.43	1/2	2,806.51
3/4		3/4		3/4		3/4		3/4	4,540.41	3/4	4,220.01	3/4	3,875.38	3/4	3,516.87	3/4	3,157.95	3/4	2,799.04
6		6		6		6		6	4,533.97	6	4,213.06	6	3,867.99	6	3,509.39	6	3,150.48	6	2,791.56
1/4		1/4		1/4		1/4		1/4	4,527.50	1/4	4,206.07	1/4	3,860.57	1/4	3,501.91	1/4	3,143.00	1/4	2,784.08
1/2		1/2		1/2		1/2		1/2	4,521.02	1/2	4,199.08	1/2	3,853.15	1/2	3,494.44	1/2	3,135.52	1/2	2,776.61
3/4		3/4		3/4		3/4		3/4	4,514.55	3/4	4,192.09	3/4	3,845.72	3/4	3,486.96	3/4	3,128.04	3/4	2,769.13
7		7		7		7		7	4,508.08	7	4,185.10	7	3,838.30	7	3,479.48	7	3,120.57	7	2,761.65
1/4		1/4		1/4		1/4		1/4	4,501.57	1/4	4,178.07	1/4	3,830.84	1/4	3,472.00	1/4	3,113.09	1/4	2,754.17
1/2		1/2		1/2		1/2		1/2	4,495.06	1/2	4,171.05	1/2	3,823.39	1/2	3,464.53	1/2	3,105.61	1/2	2,746.70
3/4		3/4		3/4		3/4		3/4	4,488.55	3/4	4,164.02	3/4	3,815.93	3/4	3,457.05	3/4	3,098.13	3/4	2,739.22
8		8		8		8	4,795.93	8	4,482.04	8	4,156.99	8	3,808.48	8	3,449.57	8	3,090.66	8	2,731.74
1/4		1/4		1/4		1/4	4,790.71	1/4	4,475.50	1/4	4,149.93	1/4	3,801.00	1/4	3,442.09	1/4	3,083.18	1/4	2,724.26
1/2		1/2		1/2		1/2	4,785.50	1/2	4,468.95	1/2	4,142.87	1/2	3,793.53	1/2	3,434.62	1/2	3,075.70	1/2	2,716.79
3/4		3/4		3/4		3/4	4,780.29	3/4	4,462.40	3/4	4,135.80	3/4	3,786.05	3/4	3,427.14	3/4	3,068.22	3/4	2,709.31
9		9		9		9	4,775.08	9	4,455.86	9	4,128.74	9	3,778.58	9	3,419.66	9	3,060.75	9	2,701.83
1/4		1/4		1/4		1/4	4,768.64	1/4	4,449.28	1/4	4,121.64	1/4	3,771.10	1/4	3,412.18	1/4	3,053.27	1/4	2,694.35
1/2		1/2		1/2		1/2	4,762.20	1/2	4,442.70	1/2	4,114.54	1/2	3,763.62	1/2	3,404.71	1/2	3,045.79	1/2	2,686.88
3/4		3/4		3/4		3/4	4,755.76	3/4	4,436.12	3/4	4,107.45	3/4	3,756.14	3/4	3,397.23	3/4	3,038.31	3/4	2,679.40
10		10		10		10	4,749.32	10	4,429.53	10	4,100.35	10	3,748.67	10	3,389.75	10	3,030.84	10	2,671.92
1/4		1/4		1/4		1/4	4,742.10	1/4	4,422.92	1/4	4,093.21	1/4	3,741.19	1/4	3,382.27	1/4	3,023.36	1/4	2,664.44
1/2		1/2		1/2		1/2	4,734.89	1/2	4,416.30	1/2	4,086.08	1/2	3,733.71	1/2	3,374.80	1/2	3,015.88	1/2	2,656.97
3/4		3/4		3/4		3/4	4,727.67	3/4	4,409.68	3/4	4,078.94	3/4	3,726.23	3/4	3,367.32	3/4	3,008.40	3/4	2,649.49
11		11		11		11	4,720.45	11	4,403.06	11	4,071.81	11	3,718.76	11	3,359.84	11	3,000.93	11	2,642.01
1/4		1/4		1/4		1/4	4,713.06	1/4	4,396.41	1/4	4,064.64	1/4	3,711.28	1/4	3,352.36	1/4	2,993.45	1/4	2,634.53
1/2		1/2		1/2		1/2	4,705.66	1/2	4,389.76	1/2	4,057.47	1/2	3,703.80	1/2	3,344.89	1/2	2,985.97	1/2	2,627.06
3/4		3/4		3/4		3/4	4,698.27	3/4	4,383.10	3/4	4,050.29	3/4	3,696.33	3/4	3,337.41	3/4	2,978.49	3/4	2,619.58

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 49'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 27768"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,612.10	0	2,253.19	0	1,894.26	0	1,535.34	0	1,180.33	0	822.46	0	470.62	0	116.05	0		0	
1/4	2,604.62	1/4	2,245.71	1/4	1,886.79	1/4	1,527.94	1/4	1,172.88	1/4	814.99	1/4	463.16	1/4	109.27	1/4		1/4	
1/2	2,597.15	1/2	2,238.23	1/2	1,879.31	1/2	1,520.55	1/2	1,165.43	1/2	807.51	1/2	455.70	1/2	102.50	1/2		1/2	
3/4	2,589.67	3/4	2,230.75	3/4	1,871.83	3/4	1,513.15	3/4	1,157.98	3/4	800.03	3/4	448.25	3/4	95.73	3/4		3/4	
1	2,582.19	1	2,223.28	1	1,864.35	1	1,505.75	1	1,150.53	1	792.55	1	440.79	1	88.96	1		1	
1/4	2,574.72	1/4	2,215.80	1/4	1,856.88	1/4	1,498.44	1/4	1,143.08	1/4	785.07	1/4	433.34	1/4	81.77	1/4		1/4	
1/2	2,567.24	1/2	2,208.32	1/2	1,849.40	1/2	1,491.12	1/2	1,135.63	1/2	777.60	1/2	425.90	1/2	74.59	1/2		1/2	
3/4	2,559.76	3/4	2,200.85	3/4	1,841.92	3/4	1,483.81	3/4	1,128.18	3/4	770.12	3/4	418.45	3/4	67.41	3/4		3/4	
2	2,552.28	2	2,193.37	2	1,834.44	2	1,476.49	2	1,120.73	2	762.64	2	411.00	2	60.23	2		2	
1/4	2,544.81	1/4	2,185.89	1/4	1,826.97	1/4	1,469.18	1/4	1,113.28	1/4	755.16	1/4	403.54	1/4	53.42	1/4		1/4	
1/2	2,537.33	1/2	2,178.41	1/2	1,819.49	1/2	1,461.86	1/2	1,105.83	1/2	747.68	1/2	396.09	1/2	46.62	1/2		1/2	
3/4	2,529.85	3/4	2,170.94	3/4	1,812.01	3/4	1,454.54	3/4	1,098.39	3/4	740.21	3/4	388.63	3/4	39.81	3/4		3/4	
3	2,522.37	3	2,163.46	3	1,804.53	3	1,447.23	3	1,090.94	3	732.73	3	381.18	3	33.01	3		3	
1/4	2,514.90	1/4	2,155.98	1/4	1,797.06	1/4	1,439.91	1/4	1,083.49	1/4	725.25	1/4	373.71	1/4	28.03	1/4		1/4	
1/2	2,507.42	1/2	2,148.50	1/2	1,789.58	1/2	1,432.60	1/2	1,076.04	1/2	717.77	1/2	366.24	1/2	23.04	1/2		1/2	
3/4	2,499.94	3/4	2,141.03	3/4	1,782.10	3/4	1,425.28	3/4	1,068.59	3/4	710.29	3/4	358.77	3/4		3/4		3/4	
4	2,492.46	4	2,133.55	4	1,774.62	4	1,417.97	4	1,061.14	4	702.82	4	351.30	4		4		4	
1/4	2,484.99	1/4	2,126.07	1/4	1,767.15	1/4	1,410.65	1/4	1,053.69	1/4	695.34	1/4	343.82	1/4		1/4		1/4	
1/2	2,477.51	1/2	2,118.59	1/2	1,759.67	1/2	1,403.33	1/2	1,046.24	1/2	687.86	1/2	336.34	1/2		1/2		1/2	
3/4	2,470.03	3/4	2,111.12	3/4	1,752.19	3/4	1,396.02	3/4	1,038.79	3/4	680.38	3/4	328.87	3/4		3/4		3/4	
5	2,462.55	5	2,103.64	5	1,744.71	5	1,388.70	5	1,031.34	5	672.90	5	321.39	5		5		5	
1/4	2,455.08	1/4	2,096.16	1/4	1,737.23	1/4	1,381.39	1/4	1,023.89	1/4	665.43	1/4	313.91	1/4		1/4		1/4	
1/2	2,447.60	1/2	2,088.68	1/2	1,729.76	1/2	1,374.07	1/2	1,016.45	1/2	657.95	1/2	306.43	1/2		1/2		1/2	
3/4	2,440.12	3/4	2,081.21	3/4	1,722.28	3/4	1,366.75	3/4	1,009.00	3/4	650.47	3/4	298.96	3/4		3/4		3/4	
6	2,432.64	6	2,073.73	6	1,714.80	6	1,359.44	6	1,001.55	6	642.99	6	291.48	6		6		6	
1/4	2,425.17	1/4	2,066.25	1/4	1,707.32	1/4	1,352.04	1/4	994.10	1/4	635.51	1/4	284.00	1/4		1/4		1/4	
1/2	2,417.69	1/2	2,058.77	1/2	1,699.85	1/2	1,344.64	1/2	986.65	1/2	628.03	1/2	276.52	1/2		1/2		1/2	
3/4	2,410.21	3/4	2,051.30	3/4	1,692.37	3/4	1,337.25	3/4	979.20	3/4	620.56	3/4	269.05	3/4		3/4		3/4	
7	2,402.74	7	2,043.82	7	1,684.89	7	1,329.85	7	971.75	7	613.08	7	261.57	7		7		7	
1/4	2,395.26	1/4	2,036.34	1/4	1,677.41	1/4	1,322.37	1/4	964.30	1/4	605.60	1/4	254.10	1/4		1/4		1/4	
1/2	2,387.78	1/2	2,028.87	1/2	1,669.94	1/2	1,314.89	1/2	956.85	1/2	598.12	1/2	246.63	1/2		1/2		1/2	
3/4	2,380.30	3/4	2,021.39	3/4	1,662.46	3/4	1,307.41	3/4	949.40	3/4	590.64	3/4	239.16	3/4		3/4		3/4	
8	2,372.83	8	2,013.91	8	1,654.98	8	1,299.94	8	941.95	8	583.16	8	231.69	8		8		8	
1/4	2,365.35	1/4	2,006.43	1/4	1,647.50	1/4	1,292.46	1/4	934.50	1/4	575.91	1/4	224.24	1/4		1/4		1/4	
1/2	2,357.87	1/2	1,998.95	1/2	1,640.03	1/2	1,284.98	1/2	927.05	1/2	568.65	1/2	216.78	1/2		1/2		1/2	
3/4	2,350.39	3/4	1,991.47	3/4	1,632.55	3/4	1,277.50	3/4	919.60	3/4	561.39	3/4	209.32	3/4		3/4		3/4	
9	2,342.92	9	1,984.00	9	1,625.07	9	1,270.02	9	912.15	9	554.13	9	201.87	9		9		9	
1/4	2,335.44	1/4	1,976.52	1/4	1,617.59	1/4	1,262.54	1/4	904.69	1/4	547.32	1/4	194.42	1/4		1/4		1/4	
1/2	2,327.96	1/2	1,969.04	1/2	1,610.12	1/2	1,255.07	1/2	897.22	1/2	540.50	1/2	186.98	1/2		1/2		1/2	
3/4	2,320.48	3/4	1,961.56	3/4	1,602.64	3/4	1,247.59	3/4	889.75	3/4	533.69	3/4	179.53	3/4		3/4		3/4	
10	2,313.01	10	1,954.09	10	1,595.16	10	1,240.11	10	882.29	10	526.87	10	172.09	10		10		10	
1/4	2,305.53	1/4	1,946.61	1/4	1,587.68	1/4	1,232.63	1/4	874.81	1/4	520.06	1/4	164.86	1/4		1/4		1/4	
1/2	2,298.05	1/2	1,939.13	1/2	1,580.21	1/2	1,225.15	1/2	867.33	1/2	513.24	1/2	157.64	1/2		1/2		1/2	
3/4	2,290.57	3/4	1,931.65	3/4	1,572.73	3/4	1,217.67	3/4	859.85	3/4	506.43	3/4	150.41	3/4		3/4		3/4	
11	2,283.10	11	1,924.17	11	1,565.25	11	1,210.20	11	852.38	11	499.61	11	143.19	11		11		11	
1/4	2,275.62	1/4	1,916.70	1/4	1,557.77	1/4	1,202.73	1/4	844.90	1/4	492.36	1/4	136.40	1/4		1/4		1/4	
1/2	2,268.14	1/2	1,909.22	1/2	1,550.29	1/2	1,195.27	1/2	837.42	1/2	485.11	1/2	129.62	1/2		1/2		1/2	
3/4	2,260.66	3/4	1,901.74	3/4	1,542.82	3/4	1,187.80	3/4	829.94	3/4	477.86	3/4	122.83	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/11/2011 SW
CALCULATED: 10/13/2021 PMA
PRINTED: 10/13/2021 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2021

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



BARGE "KIRBY 27768"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01 1/2"

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

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 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 27768"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01 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	2,475.20	0	2,118.53	0	1,761.86	0	1,405.65	0	1,055.08	0	709.35	0	363.76	0	52.76	0		0	
1/4	2,467.77	1/4	2,111.10	1/4	1,754.43	1/4	1,398.40	1/4	1,047.88	1/4	702.13	1/4	356.36	1/4	51.41	1/4		1/4	
1/2	2,460.34	1/2	2,103.67	1/2	1,747.00	1/2	1,391.16	1/2	1,040.69	1/2	694.90	1/2	348.95	1/2	50.06	1/2		1/2	
3/4	2,452.91	3/4	2,096.24	3/4	1,739.57	3/4	1,383.91	3/4	1,033.50	3/4	687.68	3/4	341.54	3/4	48.71	3/4		3/4	
1	2,445.48	1	2,088.81	1	1,732.13	1	1,376.67	1	1,026.30	1	680.45	1	334.14	1	47.35	1		1	
1/4	2,438.05	1/4	2,081.38	1/4	1,724.70	1/4	1,369.40	1/4	1,019.11	1/4	673.23	1/4	326.73	1/4	46.84	1/4		1/4	
1/2	2,430.62	1/2	2,073.95	1/2	1,717.27	1/2	1,362.13	1/2	1,011.92	1/2	666.00	1/2	319.33	1/2	46.33	1/2		1/2	
3/4	2,423.19	3/4	2,066.52	3/4	1,709.84	3/4	1,354.86	3/4	1,004.72	3/4	658.78	3/4	311.92	3/4		3/4		3/4	
2	2,415.76	2	2,059.09	2	1,702.41	2	1,347.59	2	997.53	2	651.55	2	304.52	2		2		2	
1/4	2,408.32	1/4	2,051.66	1/4	1,694.98	1/4	1,340.32	1/4	990.33	1/4	644.33	1/4	297.10	1/4		1/4		1/4	
1/2	2,400.89	1/2	2,044.23	1/2	1,687.55	1/2	1,333.05	1/2	983.14	1/2	637.10	1/2	289.68	1/2		1/2		1/2	
3/4	2,393.46	3/4	2,036.79	3/4	1,680.12	3/4	1,325.78	3/4	975.95	3/4	629.88	3/4	282.26	3/4		3/4		3/4	
3	2,386.03	3	2,029.36	3	1,672.69	3	1,318.51	3	968.75	3	622.65	3	274.84	3		3		3	
1/4	2,378.60	1/4	2,021.93	1/4	1,665.26	1/4	1,311.24	1/4	961.56	1/4	615.43	1/4	267.40	1/4		1/4		1/4	
1/2	2,371.17	1/2	2,014.50	1/2	1,657.83	1/2	1,303.97	1/2	954.37	1/2	608.20	1/2	259.97	1/2		1/2		1/2	
3/4	2,363.74	3/4	2,007.07	3/4	1,650.39	3/4	1,296.70	3/4	947.17	3/4	600.98	3/4	252.53	3/4		3/4		3/4	
4	2,356.31	4	1,999.64	4	1,642.96	4	1,289.43	4	939.98	4	593.75	4	245.10	4		4		4	
1/4	2,348.88	1/4	1,992.21	1/4	1,635.53	1/4	1,282.16	1/4	932.78	1/4	586.53	1/4	237.66	1/4		1/4		1/4	
1/2	2,341.45	1/2	1,984.78	1/2	1,628.10	1/2	1,274.89	1/2	925.59	1/2	579.30	1/2	230.23	1/2		1/2		1/2	
3/4	2,334.02	3/4	1,977.35	3/4	1,620.67	3/4	1,267.62	3/4	918.40	3/4	572.08	3/4	222.79	3/4		3/4		3/4	
5	2,326.59	5	1,969.92	5	1,613.24	5	1,260.35	5	911.20	5	564.85	5	215.36	5		5		5	
1/4	2,319.16	1/4	1,962.49	1/4	1,605.81	1/4	1,253.10	1/4	904.01	1/4	557.42	1/4	207.93	1/4		1/4		1/4	
1/2	2,311.73	1/2	1,955.06	1/2	1,598.38	1/2	1,245.84	1/2	896.81	1/2	549.98	1/2	200.49	1/2		1/2		1/2	
3/4	2,304.30	3/4	1,947.63	3/4	1,590.95	3/4	1,238.59	3/4	889.62	3/4	542.55	3/4	193.06	3/4		3/4		3/4	
6	2,296.87	6	1,940.20	6	1,583.52	6	1,231.34	6	882.42	6	535.11	6	185.62	6		6		6	
1/4	2,289.44	1/4	1,932.77	1/4	1,576.09	1/4	1,223.92	1/4	875.22	1/4	527.68	1/4	178.19	1/4		1/4		1/4	
1/2	2,282.00	1/2	1,925.34	1/2	1,568.65	1/2	1,216.50	1/2	868.03	1/2	520.24	1/2	170.75	1/2		1/2		1/2	
3/4	2,274.57	3/4	1,917.91	3/4	1,561.22	3/4	1,209.09	3/4	860.83	3/4	512.80	3/4	163.32	3/4		3/4		3/4	
7	2,267.14	7	1,910.47	7	1,553.79	7	1,201.67	7	853.64	7	505.37	7	155.88	7		7		7	
1/4	2,259.71	1/4	1,903.04	1/4	1,546.39	1/4	1,194.26	1/4	846.44	1/4	497.93	1/4	148.46	1/4		1/4		1/4	
1/2	2,252.28	1/2	1,895.61	1/2	1,538.98	1/2	1,186.84	1/2	839.24	1/2	490.50	1/2	141.04	1/2		1/2		1/2	
3/4	2,244.85	3/4	1,888.18	3/4	1,531.57	3/4	1,179.43	3/4	832.05	3/4	483.06	3/4	133.62	3/4		3/4		3/4	
8	2,237.42	8	1,880.75	8	1,524.16	8	1,172.01	8	824.85	8	475.62	8	126.20	8		8		8	
1/4	2,229.99	1/4	1,873.32	1/4	1,516.76	1/4	1,164.60	1/4	817.65	1/4	468.63	1/4	119.42	1/4		1/4		1/4	
1/2	2,222.56	1/2	1,865.89	1/2	1,509.35	1/2	1,157.18	1/2	810.45	1/2	461.63	1/2	112.64	1/2		1/2		1/2	
3/4	2,215.13	3/4	1,858.46	3/4	1,501.94	3/4	1,149.77	3/4	803.25	3/4	454.64	3/4	105.85	3/4		3/4		3/4	
9	2,207.70	9	1,851.03	9	1,494.53	9	1,142.35	9	796.05	9	447.64	9	99.07	9		9		9	
1/4	2,200.27	1/4	1,843.60	1/4	1,487.13	1/4	1,134.93	1/4	788.83	1/4	441.09	1/4	93.53	1/4		1/4		1/4	
1/2	2,192.84	1/2	1,836.17	1/2	1,479.72	1/2	1,127.52	1/2	781.60	1/2	434.53	1/2	87.99	1/2		1/2		1/2	
3/4	2,185.41	3/4	1,828.74	3/4	1,472.31	3/4	1,120.10	3/4	774.38	3/4	427.98	3/4	82.45	3/4		3/4		3/4	
10	2,177.98	10	1,821.31	10	1,464.91	10	1,112.69	10	767.15	10	421.43	10	76.92	10		10		10	
1/4	2,170.55	1/4	1,813.87	1/4	1,457.50	1/4	1,105.48	1/4	759.93	1/4	414.43	1/4	73.06	1/4		1/4		1/4	
1/2	2,163.12	1/2	1,806.44	1/2	1,450.09	1/2	1,098.28	1/2	752.70	1/2	407.43	1/2	69.20	1/2		1/2		1/2	
3/4	2,155.68	3/4	1,799.01	3/4	1,442.68	3/4	1,091.07	3/4	745.48	3/4	400.44	3/4	65.33	3/4		3/4		3/4	
11	2,148.25	11	1,791.58	11	1,435.28	11	1,083.87	11	738.25	11	393.44	11	61.47	11		11		11	
1/4	2,140.82	1/4	1,784.15	1/4	1,427.87	1/4	1,076.67	1/4	731.03	1/4	386.02	1/4	59.30	1/4		1/4		1/4	
1/2	2,133.39	1/2	1,776.72	1/2	1,420.46	1/2	1,069.47	1/2	723.80	1/2	378.60	1/2	57.12	1/2		1/2		1/2	
3/4	2,125.96	3/4	1,769.29	3/4	1,413.05	3/4	1,062.28	3/4	716.58	3/4	371.18	3/4	54.94	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/11/2011 SW
CALCULATED: 10/13/2021 PMA
PRINTED: 10/13/2021 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2021

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



BARGE "KIRBY 27768"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
									4,010.33												
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,006.42	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,002.51	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,998.59	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	3,994.68	1	1	1	1	1	1	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,991.06	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,987.44	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,983.82	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2	2	2	2	2	2	3,980.20	2	2	2	2	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,976.86	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,973.52	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,970.19	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	3	3	3	3	3	3	3,966.85	3	3	3	3	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,963.50	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,960.14	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,956.79	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	4	4	4	4	4	4	3,953.43	4	4	4	4	4	4	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,950.06	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,946.68	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,943.31	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	5	5	5	5	5	5	5	3,939.93	5	5	5	5	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,936.54	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,933.14	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,929.75	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	6	6	6	6	6	6	3,926.36	6	6	6	6	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,922.94	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,919.53	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,916.12	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	7	7	7	7	7	7	3,912.70	7	7	7	7	7	7	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,909.27	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,905.84	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,902.41	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	8	8	8	8	8	8	3,898.97	8	8	8	8	8	8	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,895.52	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,892.07	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,888.62	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	9	9	9	9	9	9	4,049.70	9	9	9	9	9	9	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,047.34	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,044.98	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,042.62	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	10	10	10	10	10	10	4,040.25	10	10	10	10	10	10	10	10	10	10	10	10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,036.69	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,033.12	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,029.56	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	11	11	11	11	11	11	4,025.99	11	11	11	11	11	11	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,022.08	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,018.16	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,014.25	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 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 27768"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,528.46	0	2,170.80	0	1,813.14	0	1,455.47	0	1,101.68	0	745.12	0	394.47	0	61.70	0		0	
1/4	2,521.01	1/4	2,163.35	1/4	1,805.69	1/4	1,448.02	1/4	1,094.25	1/4	737.66	1/4	387.03	1/4	59.50	1/4		1/4	
1/2	2,513.56	1/2	2,155.90	1/2	1,798.24	1/2	1,440.57	1/2	1,086.82	1/2	730.21	1/2	379.59	1/2	57.30	1/2		1/2	
3/4	2,506.10	3/4	2,148.45	3/4	1,790.79	3/4	1,433.12	3/4	1,079.39	3/4	722.76	3/4	372.16	3/4	55.11	3/4		3/4	
1	2,498.65	1	2,141.00	1	1,783.33	1	1,425.67	1	1,071.97	1	715.31	1	364.72	1	52.91	1		1	
1/4	2,491.20	1/4	2,133.54	1/4	1,775.88	1/4	1,418.38	1/4	1,064.54	1/4	707.86	1/4	357.30	1/4	51.54	1/4		1/4	
1/2	2,483.75	1/2	2,126.09	1/2	1,768.43	1/2	1,411.09	1/2	1,057.12	1/2	700.41	1/2	349.87	1/2	50.17	1/2		1/2	
3/4	2,476.30	3/4	2,118.64	3/4	1,760.98	3/4	1,403.80	3/4	1,049.70	3/4	692.95	3/4	342.45	3/4	48.79	3/4		3/4	
2	2,468.85	2	2,111.19	2	1,753.53	2	1,396.51	2	1,042.28	2	685.50	2	335.03	2	47.42	2		2	
1/4	2,461.40	1/4	2,103.74	1/4	1,746.08	1/4	1,389.22	1/4	1,034.85	1/4	678.05	1/4	327.61	1/4	46.89	1/4		1/4	
1/2	2,453.95	1/2	2,096.29	1/2	1,738.63	1/2	1,381.93	1/2	1,027.43	1/2	670.60	1/2	320.19	1/2	46.36	1/2		1/2	
3/4	2,446.49	3/4	2,088.84	3/4	1,731.17	3/4	1,374.64	3/4	1,020.01	3/4	663.15	3/4	312.76	3/4		3/4		3/4	
3	2,439.04	3	2,081.39	3	1,723.72	3	1,367.35	3	1,012.59	3	655.70	3	305.34	3		3		3	
1/4	2,431.59	1/4	2,073.93	1/4	1,716.27	1/4	1,360.06	1/4	1,005.16	1/4	648.24	1/4	297.91	1/4		1/4		1/4	
1/2	2,424.14	1/2	2,066.48	1/2	1,708.82	1/2	1,352.77	1/2	997.74	1/2	640.79	1/2	290.47	1/2		1/2		1/2	
3/4	2,416.69	3/4	2,059.03	3/4	1,701.37	3/4	1,345.48	3/4	990.32	3/4	633.34	3/4	283.03	3/4		3/4		3/4	
4	2,409.24	4	2,051.58	4	1,693.92	4	1,338.20	4	982.89	4	625.89	4	275.60	4		4		4	
1/4	2,401.79	1/4	2,044.13	1/4	1,686.47	1/4	1,330.91	1/4	975.47	1/4	618.44	1/4	268.15	1/4		1/4		1/4	
1/2	2,394.34	1/2	2,036.68	1/2	1,679.01	1/2	1,323.62	1/2	968.05	1/2	610.99	1/2	260.69	1/2		1/2		1/2	
3/4	2,386.88	3/4	2,029.23	3/4	1,671.56	3/4	1,316.33	3/4	960.63	3/4	603.53	3/4	253.24	3/4		3/4		3/4	
5	2,379.43	5	2,021.78	5	1,664.11	5	1,309.04	5	953.20	5	596.08	5	245.79	5		5		5	
1/4	2,371.98	1/4	2,014.32	1/4	1,656.66	1/4	1,301.75	1/4	945.78	1/4	588.63	1/4	238.34	1/4		1/4		1/4	
1/2	2,364.53	1/2	2,006.87	1/2	1,649.21	1/2	1,294.46	1/2	938.36	1/2	581.18	1/2	230.89	1/2		1/2		1/2	
3/4	2,357.08	3/4	1,999.42	3/4	1,641.76	3/4	1,287.17	3/4	930.93	3/4	573.73	3/4	223.44	3/4		3/4		3/4	
6	2,349.63	6	1,991.97	6	1,634.31	6	1,279.88	6	923.51	6	566.27	6	215.99	6		6		6	
1/4	2,342.18	1/4	1,984.52	1/4	1,626.86	1/4	1,272.59	1/4	916.09	1/4	558.82	1/4	208.54	1/4		1/4		1/4	
1/2	2,334.73	1/2	1,977.07	1/2	1,619.40	1/2	1,265.30	1/2	908.67	1/2	551.37	1/2	201.09	1/2		1/2		1/2	
3/4	2,327.28	3/4	1,969.62	3/4	1,611.95	3/4	1,258.01	3/4	901.24	3/4	543.92	3/4	193.64	3/4		3/4		3/4	
7	2,319.82	7	1,962.17	7	1,604.50	7	1,250.72	7	893.82	7	536.47	7	186.18	7		7		7	
1/4	2,312.37	1/4	1,954.72	1/4	1,597.05	1/4	1,243.26	1/4	886.40	1/4	529.01	1/4	178.73	1/4		1/4		1/4	
1/2	2,304.92	1/2	1,947.26	1/2	1,589.60	1/2	1,235.81	1/2	878.97	1/2	521.56	1/2	171.28	1/2		1/2		1/2	
3/4	2,297.47	3/4	1,939.81	3/4	1,582.15	3/4	1,228.36	3/4	871.55	3/4	514.11	3/4	163.83	3/4		3/4		3/4	
8	2,290.02	8	1,932.36	8	1,574.70	8	1,220.91	8	864.13	8	506.66	8	156.38	8		8		8	
1/4	2,282.57	1/4	1,924.91	1/4	1,567.24	1/4	1,213.46	1/4	856.71	1/4	499.21	1/4	148.94	1/4		1/4		1/4	
1/2	2,275.12	1/2	1,917.46	1/2	1,559.79	1/2	1,206.00	1/2	849.28	1/2	491.75	1/2	141.51	1/2		1/2		1/2	
3/4	2,267.67	3/4	1,910.01	3/4	1,552.34	3/4	1,198.55	3/4	841.86	3/4	484.30	3/4	134.07	3/4		3/4		3/4	
9	2,260.21	9	1,902.56	9	1,544.89	9	1,191.10	9	834.44	9	476.85	9	126.64	9		9		9	
1/4	2,252.76	1/4	1,895.11	1/4	1,537.44	1/4	1,183.65	1/4	827.01	1/4	469.84	1/4	119.83	1/4		1/4		1/4	
1/2	2,245.31	1/2	1,887.65	1/2	1,529.99	1/2	1,176.20	1/2	819.58	1/2	462.82	1/2	113.03	1/2		1/2		1/2	
3/4	2,237.86	3/4	1,880.20	3/4	1,522.54	3/4	1,168.74	3/4	812.16	3/4	455.81	3/4	106.23	3/4		3/4		3/4	
10	2,230.41	10	1,872.75	10	1,515.08	10	1,161.29	10	804.73	10	448.80	10	99.43	10		10		10	
1/4	2,222.96	1/4	1,865.30	1/4	1,507.63	1/4	1,153.84	1/4	797.28	1/4	442.23	1/4	93.88	1/4		1/4		1/4	
1/2	2,215.51	1/2	1,857.85	1/2	1,500.18	1/2	1,146.39	1/2	789.83	1/2	435.66	1/2	88.32	1/2		1/2		1/2	
3/4	2,208.06	3/4	1,850.40	3/4	1,492.73	3/4	1,138.94	3/4	782.37	3/4	429.09	3/4	82.77	3/4		3/4		3/4	
11	2,200.60	11	1,842.95	11	1,485.28	11	1,131.48	11	774.92	11	422.51	11	77.21	11		11		11	
1/4	2,193.15	1/4	1,835.49	1/4	1,477.83	1/4	1,124.03	1/4	767.47	1/4	415.50	1/4	73.33	1/4		1/4		1/4	
1/2	2,185.70	1/2	1,828.04	1/2	1,470.38	1/2	1,116.58	1/2	760.02	1/2	408.49	1/2	69.45	1/2		1/2		1/2	
3/4	2,178.25	3/4	1,820.59	3/4	1,462.92	3/4	1,109.13	3/4	752.57	3/4	401.48	3/4	65.57	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/11/2011 SW
RECALCULATED: 10/13/2021 PMA
REPRINTED: 10/13/2021 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2021

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



BARGE "KIRBY 27768"

INNAGE TRIM TABLE 2" STANDPIPE

	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	00-1/8	- 00-1/8	00-1/8	- 00-1/8
1 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
2 PORT	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-4/8	00-4/8
2 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-4/8	00-4/8
3 PORT	- 00-3/8	00-3/8	- 00-3/4	00-3/4	- 01-1/8	01-1/8	- 01-1/2	01-1/2	- 02-0/8	02-0/8	- 02-3/8	02-3/8
3 STBD	- 00-3/8	00-3/8	- 00-3/4	00-3/4	- 01-2/8	01-2/8	- 01-1/2	01-1/2	- 02-0/8	02-0/8	- 02-3/8	02-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 261'-00"

October 13, 2021

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 27768"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-09"

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	8.54	0	310.06	0	672.66	0	1,049.14	0	1,425.65	0	1,803.39	0	2,181.34	0	2,559.28	0	2,937.22	0	3,315.17
1/4	11.91	1/4	317.30	1/4	680.54	1/4	1,056.96	1/4	1,433.50	1/4	1,811.26	1/4	2,189.21	1/4	2,567.15	1/4	2,945.10	1/4	3,323.04
1/2	15.29	1/2	324.55	1/2	688.41	1/2	1,064.78	1/2	1,441.34	1/2	1,819.14	1/2	2,197.09	1/2	2,575.03	1/2	2,952.97	1/2	3,330.91
3/4	20.68	3/4	331.88	3/4	696.28	3/4	1,072.59	3/4	1,449.19	3/4	1,827.01	3/4	2,204.96	3/4	2,582.90	3/4	2,960.84	3/4	3,338.79
1	26.08	1	339.21	1	704.16	1	1,080.41	1	1,457.04	1	1,834.88	1	2,212.83	1	2,590.78	1	2,968.72	1	3,346.66
1/4	31.48	1/4	346.54	1/4	712.03	1/4	1,088.22	1/4	1,464.88	1/4	1,842.76	1/4	2,220.71	1/4	2,598.65	1/4	2,976.59	1/4	3,354.53
1/2	36.88	1/2	353.87	1/2	719.91	1/2	1,096.04	1/2	1,472.73	1/2	1,850.63	1/2	2,228.58	1/2	2,606.52	1/2	2,984.47	1/2	3,362.41
3/4	42.78	3/4	361.30	3/4	727.78	3/4	1,103.86	3/4	1,480.59	3/4	1,858.51	3/4	2,236.46	3/4	2,614.40	3/4	2,992.34	3/4	3,370.28
2	48.68	2	368.73	2	735.66	2	1,111.67	2	1,488.45	2	1,866.38	2	2,244.33	2	2,622.27	2	3,000.21	2	3,378.16
1/4	54.58	1/4	376.16	1/4	743.53	1/4	1,119.49	1/4	1,496.31	1/4	1,874.25	1/4	2,252.20	1/4	2,630.15	1/4	3,008.09	1/4	3,386.03
1/2	60.48	1/2	383.59	1/2	751.41	1/2	1,127.31	1/2	1,504.17	1/2	1,882.13	1/2	2,260.08	1/2	2,638.02	1/2	3,015.96	1/2	3,393.90
3/4	66.05	3/4	391.13	3/4	759.28	3/4	1,135.13	3/4	1,512.05	3/4	1,890.00	3/4	2,267.95	3/4	2,645.89	3/4	3,023.84	3/4	3,401.78
3	71.62	3	398.67	3	767.15	3	1,142.94	3	1,519.92	3	1,897.88	3	2,275.82	3	2,653.77	3	3,031.71	3	3,409.65
1/4	77.19	1/4	406.21	1/4	775.03	1/4	1,150.76	1/4	1,527.79	1/4	1,905.75	1/4	2,283.70	1/4	2,661.64	1/4	3,039.58	1/4	3,417.53
1/2	82.77	1/2	413.75	1/2	782.90	1/2	1,158.58	1/2	1,535.67	1/2	1,913.63	1/2	2,291.57	1/2	2,669.51	1/2	3,047.46	1/2	3,425.40
3/4	88.46	3/4	421.18	3/4	790.78	3/4	1,166.41	3/4	1,543.54	3/4	1,921.50	3/4	2,299.45	3/4	2,677.39	3/4	3,055.33	3/4	3,433.27
4	94.15	4	428.60	4	798.65	4	1,174.25	4	1,551.42	4	1,929.37	4	2,307.32	4	2,685.26	4	3,063.20	4	3,441.15
1/4	99.84	1/4	436.03	1/4	806.53	1/4	1,182.08	1/4	1,559.29	1/4	1,937.25	1/4	2,315.19	1/4	2,693.14	1/4	3,071.08	1/4	3,449.02
1/2	105.53	1/2	443.46	1/2	814.40	1/2	1,189.91	1/2	1,567.16	1/2	1,945.12	1/2	2,323.07	1/2	2,701.01	1/2	3,078.95	1/2	3,456.89
3/4	111.78	3/4	450.53	3/4	822.26	3/4	1,197.77	3/4	1,575.04	3/4	1,953.00	3/4	2,330.94	3/4	2,708.88	3/4	3,086.83	3/4	3,464.77
5	118.04	5	457.60	5	830.12	5	1,205.63	5	1,582.91	5	1,960.87	5	2,338.81	5	2,716.76	5	3,094.70	5	3,472.64
1/4	124.30	1/4	464.67	1/4	837.98	1/4	1,213.49	1/4	1,590.79	1/4	1,968.74	1/4	2,346.69	1/4	2,724.63	1/4	3,102.57	1/4	3,480.52
1/2	130.56	1/2	471.75	1/2	845.84	1/2	1,221.35	1/2	1,598.66	1/2	1,976.62	1/2	2,354.56	1/2	2,732.50	1/2	3,110.45	1/2	3,488.39
3/4	137.15	3/4	478.90	3/4	853.67	3/4	1,229.23	3/4	1,606.54	3/4	1,984.49	3/4	2,362.44	3/4	2,740.38	3/4	3,118.32	3/4	3,496.26
6	143.74	6	486.05	6	861.51	6	1,237.10	6	1,614.41	6	1,992.37	6	2,370.31	6	2,748.25	6	3,126.19	6	3,504.14
1/4	150.34	1/4	493.20	1/4	869.34	1/4	1,244.98	1/4	1,622.28	1/4	2,000.24	1/4	2,378.18	1/4	2,756.13	1/4	3,134.07	1/4	3,512.01
1/2	156.93	1/2	500.35	1/2	877.17	1/2	1,252.85	1/2	1,630.16	1/2	2,008.11	1/2	2,386.06	1/2	2,764.00	1/2	3,141.94	1/2	3,519.88
3/4	163.64	3/4	507.99	3/4	884.99	3/4	1,260.73	3/4	1,638.03	3/4	2,015.99	3/4	2,393.93	3/4	2,771.87	3/4	3,149.82	3/4	3,527.76
7	170.35	7	515.63	7	892.81	7	1,268.60	7	1,645.91	7	2,023.86	7	2,401.80	7	2,779.75	7	3,157.69	7	3,535.63
1/4	177.06	1/4	523.27	1/4	900.63	1/4	1,276.48	1/4	1,653.78	1/4	2,031.74	1/4	2,409.68	1/4	2,787.62	1/4	3,165.56	1/4	3,543.51
1/2	183.76	1/2	530.92	1/2	908.45	1/2	1,284.35	1/2	1,661.65	1/2	2,039.61	1/2	2,417.55	1/2	2,795.49	1/2	3,173.44	1/2	3,551.38
3/4	190.59	3/4	538.79	3/4	916.26	3/4	1,292.21	3/4	1,669.53	3/4	2,047.48	3/4	2,425.43	3/4	2,803.37	3/4	3,181.31	3/4	3,559.25
8	197.42	8	546.67	8	924.08	8	1,300.07	8	1,677.40	8	2,055.36	8	2,433.30	8	2,811.24	8	3,189.18	8	3,567.13
1/4	204.24	1/4	554.54	1/4	931.89	1/4	1,307.93	1/4	1,685.28	1/4	2,063.23	1/4	2,441.17	1/4	2,819.12	1/4	3,197.06	1/4	3,575.00
1/2	211.07	1/2	562.42	1/2	939.71	1/2	1,315.79	1/2	1,693.15	1/2	2,071.11	1/2	2,449.05	1/2	2,826.99	1/2	3,204.93	1/2	3,582.87
3/4	218.01	3/4	570.29	3/4	947.53	3/4	1,323.64	3/4	1,701.02	3/4	2,078.98	3/4	2,456.92	3/4	2,834.86	3/4	3,212.81	3/4	3,590.75
9	224.95	9	578.17	9	955.34	9	1,331.49	9	1,708.90	9	2,086.85	9	2,464.80	9	2,842.74	9	3,220.68	9	3,598.62
1/4	231.89	1/4	586.04	1/4	963.16	1/4	1,339.34	1/4	1,716.77	1/4	2,094.73	1/4	2,472.67	1/4	2,850.61	1/4	3,228.55	1/4	3,606.50
1/2	238.82	1/2	593.92	1/2	970.98	1/2	1,347.18	1/2	1,724.65	1/2	2,102.60	1/2	2,480.54	1/2	2,858.49	1/2	3,236.43	1/2	3,614.37
3/4	245.87	3/4	601.79	3/4	978.79	3/4	1,355.03	3/4	1,732.52	3/4	2,110.47	3/4	2,488.42	3/4	2,866.36	3/4	3,244.30	3/4	3,622.24
10	252.91	10	609.67	10	986.61	10	1,362.88	10	1,740.39	10	2,118.35	10	2,496.29	10	2,874.23	10	3,252.18	10	3,630.12
1/4	259.95	1/4	617.54	1/4	994.43	1/4	1,370.72	1/4	1,748.27	1/4	2,126.22	1/4	2,504.16	1/4	2,882.11	1/4	3,260.05	1/4	3,637.99
1/2	266.99	1/2	625.41	1/2	1,002.24	1/2	1,378.57	1/2	1,756.14	1/2	2,134.10	1/2	2,512.04	1/2	2,889.98	1/2	3,267.92	1/2	3,645.87
3/4	274.14	3/4	633.29	3/4	1,010.06	3/4	1,386.42	3/4	1,764.02	3/4	2,141.97	3/4	2,519.91	3/4	2,897.85	3/4	3,275.80	3/4	3,653.74
11	281.28	11	641.16	11	1,017.88	11	1,394.26	11	1,771.89	11	2,149.84	11	2,527.79	11	2,905.73	11	3,283.67	11	3,661.61
1/4	288.43	1/4	649.04	1/4	1,025.69	1/4	1,402.11	1/4	1,779.77	1/4	2,157.72	1/4	2,535.66	1/4	2,913.60	1/4	3,291.54	1/4	3,669.49
1/2	295.57	1/2	656.91	1/2	1,033.51	1/2	1,409.96	1/2	1,787.64	1/2	2,165.59	1/2	2,543.53	1/2	2,921.48	1/2	3,299.42	1/2	3,677.36
3/4	302.82	3/4	664.79	3/4	1,041.33	3/4	1,417.81	3/4	1,795.51	3/4	2,173.46	3/4	2,551.41	3/4	2,929.35	3/4	3,307.29	3/4	3,685.23

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE.
 GAUGE POINT: (MANUAL) LOCATED 12'-09" OFF CENTERLINE AND 45'-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 27768"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-09"

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	3,693.11	0	4,069.47	0	4,428.07	0	4,760.99	0		0		0		0		0		0	
1/4	3,700.98	1/4	4,077.18	1/4	4,435.26	1/4	4,767.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,708.86	1/2	4,084.88	1/2	4,442.44	1/2	4,774.41	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,716.73	3/4	4,092.55	3/4	4,449.56	3/4	4,781.08	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,724.60	1	4,100.21	1	4,456.69	1	4,787.74	1		1		1		1		1		1	
1/4	3,732.48	1/4	4,107.88	1/4	4,463.81	1/4	4,794.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,740.35	1/2	4,115.54	1/2	4,470.94	1/2	4,801.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,748.22	3/4	4,123.17	3/4	4,478.03	3/4	4,808.01	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,756.10	2	4,130.80	2	4,485.11	2	4,814.94	2		2		2		2		2		2	
1/4	3,763.97	1/4	4,138.42	1/4	4,492.20	1/4	4,821.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,771.85	1/2	4,146.05	1/2	4,499.29	1/2	4,828.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,779.72	3/4	4,153.64	3/4	4,506.34	3/4	4,836.30	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,787.59	3	4,161.23	3	4,513.38	3	4,843.80	3		3		3		3		3		3	
1/4	3,795.47	1/4	4,168.82	1/4	4,520.43	1/4	4,851.30	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,803.34	1/2	4,176.41	1/2	4,527.48	1/2	4,858.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,811.22	3/4	4,183.96	3/4	4,534.49	3/4	4,866.59	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,819.09	4	4,191.51	4	4,541.50	4	4,874.38	4		4		4		4		4		4	
1/4	3,826.96	1/4	4,199.06	1/4	4,548.51	1/4	4,882.17	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,834.84	1/2	4,206.61	1/2	4,555.53	1/2	4,889.96	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,842.71	3/4	4,214.12	3/4	4,562.50	3/4	4,897.56	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,850.58	5	4,221.64	5	4,569.47	5	4,905.17	5		5		5		5		5		5	
1/4	3,858.46	1/4	4,229.15	1/4	4,576.44	1/4	4,912.77	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,866.33	1/2	4,236.66	1/2	4,583.42	1/2	4,920.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,874.21	3/4	4,244.14	3/4	4,590.35	3/4	4,927.16	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,882.08	6	4,251.61	6	4,597.29	6	4,933.95	6		6		6		6		6		6	
1/4	3,889.95	1/4	4,259.09	1/4	4,604.22	1/4	4,940.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,897.83	1/2	4,266.56	1/2	4,611.16	1/2	4,947.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,905.70	3/4	4,274.00	3/4	4,618.05	3/4	4,953.01	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,913.57	7	4,281.44	7	4,624.95	7	4,958.50	7		7		7		7		7		7	
1/4	3,921.45	1/4	4,288.88	1/4	4,631.85	1/4	4,963.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,929.32	1/2	4,296.31	1/2	4,638.74	1/2	4,969.48	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,937.17	3/4	4,303.71	3/4	4,645.60	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,945.02	8	4,311.11	8	4,652.46	8		8		8		8		8		8		8	
1/4	3,952.87	1/4	4,318.51	1/4	4,659.32	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,960.72	1/2	4,325.91	1/2	4,666.18	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,968.54	3/4	4,333.27	3/4	4,673.00	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,976.36	9	4,340.63	9	4,679.82	9		9		9		9		9		9		9	
1/4	3,984.17	1/4	4,347.99	1/4	4,686.64	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,991.99	1/2	4,355.35	1/2	4,693.46	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,999.77	3/4	4,362.68	3/4	4,700.25	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	4,007.55	10	4,370.00	10	4,707.03	10		10		10		10		10		10		10	
1/4	4,015.33	1/4	4,377.32	1/4	4,713.81	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,023.10	1/2	4,384.65	1/2	4,720.60	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,030.85	3/4	4,391.91	3/4	4,727.34	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	4,038.59	11	4,399.18	11	4,734.09	11		11		11		11		11		11		11	
1/4	4,046.33	1/4	4,406.44	1/4	4,740.83	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,054.07	1/2	4,413.70	1/2	4,747.58	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,061.77	3/4	4,420.89	3/4	4,754.28	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/11/2011 CL - SW
 RECALCULATED: 10/13/2021 PMA
 REPRINTED: 10/13/2021 PMA

CANCELS AND SUPERCEDES
 ALL PRIOR TO 10/2021

PRECISION MEASUREMENT
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BARGE "KIRBY 27768"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08 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	8.54	0	310.10	0	672.71	0	1,050.00	0	1,427.09	0	1,804.83	0	2,182.78	0	2,560.73	0	2,938.68	0	3,316.62
1/4	11.92	1/4	317.34	1/4	680.58	1/4	1,057.85	1/4	1,434.94	1/4	1,812.70	1/4	2,190.66	1/4	2,568.60	1/4	2,946.55	1/4	3,324.50
1/2	15.29	1/2	324.58	1/2	688.45	1/2	1,065.69	1/2	1,442.79	1/2	1,820.58	1/2	2,198.53	1/2	2,576.48	1/2	2,954.42	1/2	3,332.37
3/4	20.69	3/4	331.92	3/4	696.33	3/4	1,073.54	3/4	1,450.63	3/4	1,828.45	3/4	2,206.40	3/4	2,584.35	3/4	2,962.30	3/4	3,340.25
1	26.09	1	339.25	1	704.20	1	1,081.38	1	1,458.48	1	1,836.33	1	2,214.28	1	2,592.22	1	2,970.17	1	3,348.12
1/4	31.49	1/4	346.58	1/4	712.08	1/4	1,089.23	1/4	1,466.33	1/4	1,844.20	1/4	2,222.15	1/4	2,600.10	1/4	2,978.05	1/4	3,355.99
1/2	36.89	1/2	353.91	1/2	719.95	1/2	1,097.07	1/2	1,474.17	1/2	1,852.07	1/2	2,230.03	1/2	2,607.97	1/2	2,985.92	1/2	3,363.87
3/4	42.79	3/4	361.34	3/4	727.83	3/4	1,104.92	3/4	1,482.03	3/4	1,859.95	3/4	2,237.90	3/4	2,615.85	3/4	2,993.79	3/4	3,371.74
2	48.69	2	368.77	2	735.70	2	1,112.76	2	1,489.89	2	1,867.82	2	2,245.77	2	2,623.72	2	3,001.67	2	3,379.61
1/4	54.59	1/4	376.20	1/4	743.58	1/4	1,120.61	1/4	1,497.75	1/4	1,875.70	1/4	2,253.65	1/4	2,631.59	1/4	3,009.54	1/4	3,387.49
1/2	60.49	1/2	383.63	1/2	751.45	1/2	1,128.46	1/2	1,505.61	1/2	1,883.57	1/2	2,261.52	1/2	2,639.47	1/2	3,017.42	1/2	3,395.36
3/4	66.06	3/4	391.17	3/4	759.32	3/4	1,136.30	3/4	1,513.49	3/4	1,891.44	3/4	2,269.39	3/4	2,647.34	3/4	3,025.29	3/4	3,403.24
3	71.64	3	398.71	3	767.20	3	1,144.15	3	1,521.36	3	1,899.32	3	2,277.27	3	2,655.22	3	3,033.16	3	3,411.11
1/4	77.21	1/4	406.25	1/4	775.07	1/4	1,152.00	1/4	1,529.24	1/4	1,907.19	1/4	2,285.14	1/4	2,663.09	1/4	3,041.04	1/4	3,418.98
1/2	82.79	1/2	413.79	1/2	782.95	1/2	1,159.85	1/2	1,537.11	1/2	1,915.07	1/2	2,293.02	1/2	2,670.96	1/2	3,048.91	1/2	3,426.86
3/4	88.48	3/4	421.22	3/4	790.82	3/4	1,167.71	3/4	1,544.98	3/4	1,922.94	3/4	2,300.89	3/4	2,678.84	3/4	3,056.78	3/4	3,434.73
4	94.17	4	428.64	4	798.70	4	1,175.57	4	1,552.86	4	1,930.81	4	2,308.76	4	2,686.71	4	3,064.66	4	3,442.61
1/4	99.86	1/4	436.07	1/4	806.57	1/4	1,183.43	1/4	1,560.73	1/4	1,938.69	1/4	2,316.64	1/4	2,694.59	1/4	3,072.53	1/4	3,450.48
1/2	105.55	1/2	443.50	1/2	814.45	1/2	1,191.29	1/2	1,568.61	1/2	1,946.56	1/2	2,324.51	1/2	2,702.46	1/2	3,080.41	1/2	3,458.35
3/4	111.81	3/4	450.57	3/4	822.32	3/4	1,199.17	3/4	1,576.48	3/4	1,954.44	3/4	2,332.39	3/4	2,710.33	3/4	3,088.28	3/4	3,466.23
5	118.07	5	457.64	5	830.19	5	1,207.04	5	1,584.35	5	1,962.31	5	2,340.26	5	2,718.21	5	3,096.15	5	3,474.10
1/4	124.32	1/4	464.72	1/4	838.07	1/4	1,214.92	1/4	1,592.23	1/4	1,970.19	1/4	2,348.13	1/4	2,726.08	1/4	3,104.03	1/4	3,481.98
1/2	130.58	1/2	471.79	1/2	845.94	1/2	1,222.79	1/2	1,600.10	1/2	1,978.06	1/2	2,356.01	1/2	2,733.96	1/2	3,111.90	1/2	3,489.85
3/4	137.18	3/4	478.94	3/4	853.80	3/4	1,230.67	3/4	1,607.98	3/4	1,985.93	3/4	2,363.88	3/4	2,741.83	3/4	3,119.78	3/4	3,497.72
6	143.77	6	486.09	6	861.67	6	1,238.54	6	1,615.85	6	1,993.81	6	2,371.76	6	2,749.70	6	3,127.65	6	3,505.60
1/4	150.37	1/4	493.24	1/4	869.53	1/4	1,246.42	1/4	1,623.72	1/4	2,001.68	1/4	2,379.63	1/4	2,757.58	1/4	3,135.52	1/4	3,513.47
1/2	156.96	1/2	500.39	1/2	877.39	1/2	1,254.29	1/2	1,631.60	1/2	2,009.56	1/2	2,387.50	1/2	2,765.45	1/2	3,143.40	1/2	3,521.35
3/4	163.67	3/4	508.04	3/4	885.24	3/4	1,262.17	3/4	1,639.47	3/4	2,017.43	3/4	2,395.38	3/4	2,773.32	3/4	3,151.27	3/4	3,529.22
7	170.38	7	515.68	7	893.09	7	1,270.04	7	1,647.35	7	2,025.30	7	2,403.25	7	2,781.20	7	3,159.15	7	3,537.09
1/4	177.09	1/4	523.32	1/4	900.93	1/4	1,277.92	1/4	1,655.22	1/4	2,033.18	1/4	2,411.13	1/4	2,789.07	1/4	3,167.02	1/4	3,544.97
1/2	183.80	1/2	530.96	1/2	908.78	1/2	1,285.79	1/2	1,663.10	1/2	2,041.05	1/2	2,419.00	1/2	2,796.95	1/2	3,174.89	1/2	3,552.84
3/4	190.62	3/4	538.84	3/4	916.63	3/4	1,293.65	3/4	1,670.97	3/4	2,048.93	3/4	2,426.87	3/4	2,804.82	3/4	3,182.77	3/4	3,560.71
8	197.45	8	546.71	8	924.47	8	1,301.51	8	1,678.84	8	2,056.80	8	2,434.75	8	2,812.69	8	3,190.64	8	3,568.59
1/4	204.28	1/4	554.59	1/4	932.32	1/4	1,309.37	1/4	1,686.72	1/4	2,064.67	1/4	2,442.62	1/4	2,820.57	1/4	3,198.52	1/4	3,576.46
1/2	211.10	1/2	562.46	1/2	940.16	1/2	1,317.23	1/2	1,694.59	1/2	2,072.55	1/2	2,450.49	1/2	2,828.44	1/2	3,206.39	1/2	3,584.34
3/4	218.04	3/4	570.34	3/4	948.01	3/4	1,325.08	3/4	1,702.47	3/4	2,080.42	3/4	2,458.37	3/4	2,836.32	3/4	3,214.26	3/4	3,592.21
9	224.98	9	578.21	9	955.85	9	1,332.93	9	1,710.34	9	2,088.30	9	2,466.24	9	2,844.19	9	3,222.14	9	3,600.08
1/4	231.92	1/4	586.09	1/4	963.70	1/4	1,340.78	1/4	1,718.21	1/4	2,096.17	1/4	2,474.12	1/4	2,852.06	1/4	3,230.01	1/4	3,607.96
1/2	238.86	1/2	593.96	1/2	971.55	1/2	1,348.62	1/2	1,726.09	1/2	2,104.04	1/2	2,481.99	1/2	2,859.94	1/2	3,237.88	1/2	3,615.83
3/4	245.90	3/4	601.84	3/4	979.39	3/4	1,356.47	3/4	1,733.96	3/4	2,111.92	3/4	2,489.86	3/4	2,867.81	3/4	3,245.76	3/4	3,623.71
10	252.94	10	609.71	10	987.24	10	1,364.32	10	1,741.84	10	2,119.79	10	2,497.74	10	2,875.69	10	3,253.63	10	3,631.58
1/4	259.99	1/4	617.58	1/4	995.08	1/4	1,372.17	1/4	1,749.71	1/4	2,127.66	1/4	2,505.61	1/4	2,883.56	1/4	3,261.51	1/4	3,639.45
1/2	267.03	1/2	625.46	1/2	1,002.93	1/2	1,380.01	1/2	1,757.58	1/2	2,135.54	1/2	2,513.49	1/2	2,891.43	1/2	3,269.38	1/2	3,647.33
3/4	274.17	3/4	633.33	3/4	1,010.77	3/4	1,387.86	3/4	1,765.46	3/4	2,143.41	3/4	2,521.36	3/4	2,899.31	3/4	3,277.25	3/4	3,655.20
11	281.32	11	641.21	11	1,018.62	11	1,395.71	11	1,773.33	11	2,151.29	11	2,529.23	11	2,907.18	11	3,285.13	11	3,663.08
1/4	288.47	1/4	649.08	1/4	1,026.46	1/4	1,403.55	1/4	1,781.21	1/4	2,159.16	1/4	2,537.11	1/4	2,915.05	1/4	3,293.00	1/4	3,670.95
1/2	295.61	1/2	656.96	1/2	1,034.31	1/2	1,411.40	1/2	1,789.08	1/2	2,167.03	1/2	2,544.98	1/2	2,922.93	1/2	3,300.88	1/2	3,678.82
3/4	302.86	3/4	664.83	3/4	1,042.15	3/4	1,419.25	3/4	1,796.96	3/4	2,174.91	3/4	2,552.86	3/4	2,930.80	3/4	3,308.75	3/4	3,686.70

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE.
 GAUGE POINT: (MANUAL) LOCATED 12'-09" OFF CENTERLINE AND 45'-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 27768"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	3,694.57	0	4,070.92	0	4,429.52	0	4,762.46	0		0		0		0		0		0	
1/4	3,702.44	1/4	4,078.62	1/4	4,436.71	1/4	4,769.17	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,710.32	1/2	4,086.32	1/2	4,443.89	1/2	4,775.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,718.19	3/4	4,093.99	3/4	4,451.02	3/4	4,782.55	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,726.07	1	4,101.65	1	4,458.14	1	4,789.22	1		1		1		1		1		1	
1/4	3,733.94	1/4	4,109.32	1/4	4,465.27	1/4	4,795.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,741.81	1/2	4,116.98	1/2	4,472.39	1/2	4,802.56	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,749.69	3/4	4,124.61	3/4	4,479.48	3/4	4,809.49	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,757.56	2	4,132.24	2	4,486.57	2	4,816.42	2		2		2		2		2		2	
1/4	3,765.44	1/4	4,139.87	1/4	4,493.65	1/4	4,823.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,773.31	1/2	4,147.49	1/2	4,500.74	1/2	4,830.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,781.18	3/4	4,155.08	3/4	4,507.79	3/4	4,837.78	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,789.06	3	4,162.67	3	4,514.84	3	4,845.28	3		3		3		3		3		3	
1/4	3,796.93	1/4	4,170.26	1/4	4,521.89	1/4	4,852.78	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,804.81	1/2	4,177.85	1/2	4,528.94	1/2	4,860.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,812.68	3/4	4,185.40	3/4	4,535.95	3/4	4,868.07	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,820.55	4	4,192.95	4	4,542.96	4	4,875.86	4		4		4		4		4		4	
1/4	3,828.43	1/4	4,200.50	1/4	4,549.97	1/4	4,883.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,836.30	1/2	4,208.05	1/2	4,556.98	1/2	4,891.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,844.17	3/4	4,215.57	3/4	4,563.96	3/4	4,899.04	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,852.05	5	4,223.08	5	4,570.93	5	4,906.65	5		5		5		5		5		5	
1/4	3,859.92	1/4	4,230.59	1/4	4,577.90	1/4	4,914.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,867.80	1/2	4,238.11	1/2	4,584.88	1/2	4,921.85	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,875.67	3/4	4,245.58	3/4	4,591.81	3/4	4,928.64	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,883.54	6	4,253.06	6	4,598.75	6	4,935.42	6		6		6		6		6		6	
1/4	3,891.42	1/4	4,260.53	1/4	4,605.68	1/4	4,942.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,899.29	1/2	4,268.01	1/2	4,612.62	1/2	4,948.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,907.16	3/4	4,275.45	3/4	4,619.52	3/4	4,954.48	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,915.03	7	4,282.88	7	4,626.41	7	4,959.97	7		7		7		7		7		7	
1/4	3,922.90	1/4	4,290.32	1/4	4,633.31	1/4	4,965.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,930.76	1/2	4,297.76	1/2	4,640.21	1/2	4,970.96	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,938.61	3/4	4,305.16	3/4	4,647.07	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,946.46	8	4,312.56	8	4,653.93	8		8		8		8		8		8		8	
1/4	3,954.31	1/4	4,319.96	1/4	4,660.79	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,962.16	1/2	4,327.36	1/2	4,667.65	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,969.98	3/4	4,334.72	3/4	4,674.47	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,977.80	9	4,342.08	9	4,681.29	9		9		9		9		9		9		9	
1/4	3,985.61	1/4	4,349.44	1/4	4,688.11	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,993.43	1/2	4,356.80	1/2	4,694.93	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,001.21	3/4	4,364.13	3/4	4,701.72	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	4,008.99	10	4,371.45	10	4,708.50	10		10		10		10		10		10		10	
1/4	4,016.77	1/4	4,378.77	1/4	4,715.28	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,024.55	1/2	4,386.10	1/2	4,722.07	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,032.29	3/4	4,393.36	3/4	4,728.81	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	4,040.03	11	4,400.63	11	4,735.56	11		11		11		11		11		11		11	
1/4	4,047.77	1/4	4,407.89	1/4	4,742.30	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,055.51	1/2	4,415.16	1/2	4,749.05	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,063.21	3/4	4,422.34	3/4	4,755.76	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/11/2011 CL - SW
RECALCULATED: 10/13/2021 PMA
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CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2021

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "KIRBY 27768"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08 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	23.04	0	366.15	0	717.61	0	1,066.15	0	1,416.60	0	1,773.50	0	2,132.33	0	2,491.17	0	2,850.00	0	3,208.84
1/4	28.02	1/4	373.62	1/4	725.08	1/4	1,073.29	1/4	1,423.91	1/4	1,780.97	1/4	2,139.81	1/4	2,498.64	1/4	2,857.48	1/4	3,216.31
1/2	33.00	1/2	381.09	1/2	732.56	1/2	1,080.44	1/2	1,431.23	1/2	1,788.45	1/2	2,147.29	1/2	2,506.12	1/2	2,864.95	1/2	3,223.79
3/4	39.80	3/4	388.54	3/4	740.04	3/4	1,087.59	3/4	1,438.54	3/4	1,795.92	3/4	2,154.76	3/4	2,513.60	3/4	2,872.43	3/4	3,231.26
1	46.61	1	396.00	1	747.51	1	1,094.73	1	1,445.86	1	1,803.40	1	2,162.24	1	2,521.07	1	2,879.90	1	3,238.74
1/4	53.41	1/4	403.45	1/4	754.99	1/4	1,101.88	1/4	1,453.17	1/4	1,810.87	1/4	2,169.71	1/4	2,528.55	1/4	2,887.38	1/4	3,246.21
1/2	60.21	1/2	410.90	1/2	762.46	1/2	1,109.03	1/2	1,460.48	1/2	1,818.35	1/2	2,177.19	1/2	2,536.02	1/2	2,894.86	1/2	3,253.69
3/4	67.39	3/4	418.35	3/4	769.94	3/4	1,116.17	3/4	1,467.80	3/4	1,825.83	3/4	2,184.66	3/4	2,543.50	3/4	2,902.33	3/4	3,261.17
2	74.57	2	425.80	2	777.42	2	1,123.32	2	1,475.11	2	1,833.30	2	2,192.14	2	2,550.97	2	2,909.81	2	3,268.64
1/4	81.75	1/4	433.24	1/4	784.89	1/4	1,130.46	1/4	1,482.42	1/4	1,840.78	1/4	2,199.62	1/4	2,558.45	1/4	2,917.28	1/4	3,276.12
1/2	88.93	1/2	440.69	1/2	792.37	1/2	1,137.61	1/2	1,489.74	1/2	1,848.25	1/2	2,207.09	1/2	2,565.93	1/2	2,924.76	1/2	3,283.59
3/4	95.71	3/4	448.14	3/4	799.84	3/4	1,144.76	3/4	1,497.13	3/4	1,855.73	3/4	2,214.57	3/4	2,573.40	3/4	2,932.23	3/4	3,291.07
3	102.48	3	455.60	3	807.32	3	1,151.91	3	1,504.53	3	1,863.21	3	2,222.04	3	2,580.88	3	2,939.71	3	3,298.54
1/4	109.25	1/4	463.05	1/4	814.80	1/4	1,159.05	1/4	1,511.92	1/4	1,870.68	1/4	2,229.52	1/4	2,588.35	1/4	2,947.19	1/4	3,306.02
1/2	116.02	1/2	470.51	1/2	822.27	1/2	1,166.20	1/2	1,519.32	1/2	1,878.16	1/2	2,236.99	1/2	2,595.83	1/2	2,954.66	1/2	3,313.50
3/4	122.80	3/4	477.75	3/4	829.60	3/4	1,173.37	3/4	1,526.79	3/4	1,885.63	3/4	2,244.47	3/4	2,603.30	3/4	2,962.14	3/4	3,320.97
4	129.59	4	485.00	4	836.92	4	1,180.53	4	1,534.27	4	1,893.11	4	2,251.95	4	2,610.78	4	2,969.61	4	3,328.45
1/4	136.37	1/4	492.25	1/4	844.25	1/4	1,187.69	1/4	1,541.75	1/4	1,900.58	1/4	2,259.42	1/4	2,618.26	1/4	2,977.09	1/4	3,335.92
1/2	143.16	1/2	499.50	1/2	851.58	1/2	1,194.85	1/2	1,549.22	1/2	1,908.06	1/2	2,266.90	1/2	2,625.73	1/2	2,984.56	1/2	3,343.40
3/4	150.38	3/4	506.31	3/4	858.75	3/4	1,202.18	3/4	1,556.70	3/4	1,915.54	3/4	2,274.37	3/4	2,633.21	3/4	2,992.04	3/4	3,350.87
5	157.60	5	513.13	5	865.93	5	1,209.51	5	1,564.17	5	1,923.01	5	2,281.85	5	2,640.68	5	2,999.52	5	3,358.35
1/4	164.83	1/4	519.94	1/4	873.10	1/4	1,216.83	1/4	1,571.65	1/4	1,930.49	1/4	2,289.32	1/4	2,648.16	1/4	3,006.99	1/4	3,365.83
1/2	172.05	1/2	526.75	1/2	880.28	1/2	1,224.16	1/2	1,579.12	1/2	1,937.96	1/2	2,296.80	1/2	2,655.63	1/2	3,014.47	1/2	3,373.30
3/4	179.49	3/4	533.57	3/4	887.44	3/4	1,231.63	3/4	1,586.60	3/4	1,945.44	3/4	2,304.28	3/4	2,663.11	3/4	3,021.94	3/4	3,380.78
6	186.94	6	540.38	6	894.60	6	1,239.11	6	1,594.08	6	1,952.91	6	2,311.75	6	2,670.59	6	3,029.42	6	3,388.25
1/4	194.38	1/4	547.20	1/4	901.76	1/4	1,246.59	1/4	1,601.55	1/4	1,960.39	1/4	2,319.23	1/4	2,678.06	1/4	3,036.89	1/4	3,395.73
1/2	201.83	1/2	554.01	1/2	908.93	1/2	1,254.06	1/2	1,609.03	1/2	1,967.87	1/2	2,326.70	1/2	2,685.54	1/2	3,044.37	1/2	3,403.20
3/4	209.28	3/4	561.26	3/4	916.07	3/4	1,261.54	3/4	1,616.50	3/4	1,975.34	3/4	2,334.18	3/4	2,693.01	3/4	3,051.85	3/4	3,410.68
7	216.73	7	568.52	7	923.22	7	1,269.02	7	1,623.98	7	1,982.82	7	2,341.65	7	2,700.49	7	3,059.32	7	3,418.16
1/4	224.18	1/4	575.78	1/4	930.37	1/4	1,276.49	1/4	1,631.46	1/4	1,990.30	1/4	2,349.13	1/4	2,707.96	1/4	3,066.80	1/4	3,425.63
1/2	231.64	1/2	583.03	1/2	937.52	1/2	1,283.97	1/2	1,638.93	1/2	1,997.77	1/2	2,356.61	1/2	2,715.44	1/2	3,074.27	1/2	3,433.11
3/4	239.11	3/4	590.51	3/4	944.67	3/4	1,291.45	3/4	1,646.41	3/4	2,005.25	3/4	2,364.08	3/4	2,722.92	3/4	3,081.75	3/4	3,440.58
8	246.57	8	597.98	8	951.81	8	1,298.92	8	1,653.88	8	2,012.72	8	2,371.56	8	2,730.39	8	3,089.22	8	3,448.06
1/4	254.04	1/4	605.46	1/4	958.96	1/4	1,306.40	1/4	1,661.36	1/4	2,020.20	1/4	2,379.03	1/4	2,737.87	1/4	3,096.70	1/4	3,455.53
1/2	261.51	1/2	612.94	1/2	966.10	1/2	1,313.88	1/2	1,668.83	1/2	2,027.68	1/2	2,386.51	1/2	2,745.34	1/2	3,104.18	1/2	3,463.01
3/4	268.99	3/4	620.41	3/4	973.25	3/4	1,321.27	3/4	1,676.31	3/4	2,035.15	3/4	2,393.98	3/4	2,752.82	3/4	3,111.65	3/4	3,470.49
9	276.46	9	627.89	9	980.40	9	1,328.67	9	1,683.79	9	2,042.63	9	2,401.46	9	2,760.29	9	3,119.13	9	3,477.96
1/4	283.94	1/4	635.37	1/4	987.54	1/4	1,336.06	1/4	1,691.26	1/4	2,050.10	1/4	2,408.94	1/4	2,767.77	1/4	3,126.60	1/4	3,485.44
1/2	291.41	1/2	642.85	1/2	994.69	1/2	1,343.46	1/2	1,698.74	1/2	2,057.58	1/2	2,416.41	1/2	2,775.24	1/2	3,134.08	1/2	3,492.91
3/4	298.89	3/4	650.32	3/4	1,001.83	3/4	1,350.77	3/4	1,706.21	3/4	2,065.05	3/4	2,423.89	3/4	2,782.72	3/4	3,141.55	3/4	3,500.39
10	306.36	10	657.80	10	1,008.98	10	1,358.09	10	1,713.69	10	2,072.53	10	2,431.36	10	2,790.20	10	3,149.03	10	3,507.86
1/4	313.84	1/4	665.27	1/4	1,016.13	1/4	1,365.40	1/4	1,721.16	1/4	2,080.00	1/4	2,438.84	1/4	2,797.67	1/4	3,156.51	1/4	3,515.34
1/2	321.31	1/2	672.75	1/2	1,023.27	1/2	1,372.72	1/2	1,728.64	1/2	2,087.48	1/2	2,446.31	1/2	2,805.15	1/2	3,163.98	1/2	3,522.81
3/4	328.79	3/4	680.23	3/4	1,030.42	3/4	1,380.03	3/4	1,736.12	3/4	2,094.96	3/4	2,453.79	3/4	2,812.62	3/4	3,171.46	3/4	3,530.29
11	336.26	11	687.70	11	1,037.56	11	1,387.34	11	1,743.59	11	2,102.43	11	2,461.27	11	2,820.10	11	3,178.93	11	3,537.77
1/4	343.74	1/4	695.18	1/4	1,044.71	1/4	1,394.66	1/4	1,751.07	1/4	2,109.91	1/4	2,468.74	1/4	2,827.57	1/4	3,186.41	1/4	3,545.24
1/2	351.21	1/2	702.65	1/2	1,051.86	1/2	1,401.97	1/2	1,758.54	1/2	2,117.38	1/2	2,476.22	1/2	2,835.05	1/2	3,193.88	1/2	3,552.72
3/4	358.68	3/4	710.13	3/4	1,059.00	3/4	1,409.29	3/4	1,766.02	3/4	2,124.86	3/4	2,483.69	3/4	2,842.53	3/4	3,201.36	3/4	3,560.19

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE.
 GAUGE POINT: (MANUAL) LOCATED 12'-09" OFF CENTERLINE AND 45'-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 27768"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,567.67	0	3,924.97	0	4,265.43	0	4,581.33	0		0		0		0		0		0	
1/4	3,575.14	1/4	3,932.28	1/4	4,272.25	1/4	4,587.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,582.62	1/2	3,939.60	1/2	4,279.06	1/2	4,594.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,590.10	3/4	3,946.87	3/4	4,285.82	3/4	4,600.39	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,597.57	1	3,954.15	1	4,292.59	1	4,606.72	1		1		1		1		1		1	
1/4	3,605.05	1/4	3,961.43	1/4	4,299.35	1/4	4,613.04	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,612.52	1/2	3,968.71	1/2	4,306.11	1/2	4,619.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,620.00	3/4	3,975.95	3/4	4,312.83	3/4	4,625.95	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,627.47	2	3,983.19	2	4,319.56	2	4,632.52	2		2		2		2		2		2	
1/4	3,634.95	1/4	3,990.43	1/4	4,326.28	1/4	4,639.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,642.43	1/2	3,997.67	1/2	4,333.00	1/2	4,645.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,649.90	3/4	4,004.88	3/4	4,339.69	3/4	4,652.79	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,657.38	3	4,012.08	3	4,346.38	3	4,659.91	3		3		3		3		3		3	
1/4	3,664.85	1/4	4,019.29	1/4	4,353.07	1/4	4,667.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,672.33	1/2	4,026.49	1/2	4,359.76	1/2	4,674.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,679.80	3/4	4,033.66	3/4	4,366.41	3/4	4,681.53	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,687.28	4	4,040.83	4	4,373.06	4	4,688.92	4		4		4		4		4		4	
1/4	3,694.76	1/4	4,048.00	1/4	4,379.72	1/4	4,696.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,702.23	1/2	4,055.17	1/2	4,386.37	1/2	4,703.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,709.71	3/4	4,062.30	3/4	4,392.99	3/4	4,710.92	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,717.18	5	4,069.44	5	4,399.60	5	4,718.14	5		5		5		5		5		5	
1/4	3,724.66	1/4	4,076.57	1/4	4,406.22	1/4	4,725.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,732.13	1/2	4,083.70	1/2	4,412.83	1/2	4,732.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,739.61	3/4	4,090.80	3/4	4,419.41	3/4	4,739.00	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,747.09	6	4,097.90	6	4,426.00	6	4,745.44	6		6		6		6		6		6	
1/4	3,754.56	1/4	4,105.00	1/4	4,432.58	1/4	4,751.88	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,762.04	1/2	4,112.09	1/2	4,439.16	1/2	4,758.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,769.50	3/4	4,119.16	3/4	4,445.70	3/4	4,763.52	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,776.97	7	4,126.22	7	4,452.24	7	4,768.73	7		7		7		7		7		7	
1/4	3,784.44	1/4	4,133.28	1/4	4,458.79	1/4	4,773.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,791.90	1/2	4,140.34	1/2	4,465.33	1/2	4,779.15	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,799.36	3/4	4,147.36	3/4	4,471.84	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,806.81	8	4,154.39	8	4,478.35	8		8		8		8		8		8		8	
1/4	3,814.26	1/4	4,161.41	1/4	4,484.86	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,821.72	1/2	4,168.44	1/2	4,491.37	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,829.14	3/4	4,175.43	3/4	4,497.84	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,836.56	9	4,182.42	9	4,504.31	9		9		9		9		9		9		9	
1/4	3,843.98	1/4	4,189.41	1/4	4,510.78	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,851.40	1/2	4,196.40	1/2	4,517.26	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,858.79	3/4	4,203.35	3/4	4,523.69	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,866.17	10	4,210.30	10	4,530.13	10		10		10		10		10		10		10	
1/4	3,873.56	1/4	4,217.26	1/4	4,536.56	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,880.95	1/2	4,224.21	1/2	4,543.00	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,888.29	3/4	4,231.11	3/4	4,549.40	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,895.64	11	4,238.00	11	4,555.80	11		11		11		11		11		11		11	
1/4	3,902.99	1/4	4,244.90	1/4	4,562.20	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,910.34	1/2	4,251.79	1/2	4,568.60	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,917.66	3/4	4,258.61	3/4	4,574.97	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/11/2011 CL - SW
 RECALCULATED: 10/13/2021 PMA
 REPRINTED: 10/13/2021 PMA

CANCELS AND SUPERCEDES
 ALL PRIOR TO 10/2021

PRECISION MEASUREMENT
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BARGE "KIRBY 27768"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08 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	23.04	0	366.24	0	717.77	0	1,076.04	0	1,432.60	0	1,789.58	0	2,148.50	0	2,507.42	0	2,866.33	0	3,225.25
1/4	28.03	1/4	373.71	1/4	725.25	1/4	1,083.49	1/4	1,439.91	1/4	1,797.06	1/4	2,155.98	1/4	2,514.90	1/4	2,873.81	1/4	3,232.73
1/2	33.01	1/2	381.18	1/2	732.73	1/2	1,090.94	1/2	1,447.23	1/2	1,804.53	1/2	2,163.46	1/2	2,522.37	1/2	2,881.29	1/2	3,240.20
3/4	39.81	3/4	388.63	3/4	740.21	3/4	1,098.39	3/4	1,454.54	3/4	1,812.01	3/4	2,170.94	3/4	2,529.85	3/4	2,888.77	3/4	3,247.68
1	46.62	1	396.09	1	747.68	1	1,105.83	1	1,461.86	1	1,819.49	1	2,178.41	1	2,537.33	1	2,896.24	1	3,255.16
1/4	53.42	1/4	403.54	1/4	755.16	1/4	1,113.28	1/4	1,469.18	1/4	1,826.97	1/4	2,185.89	1/4	2,544.81	1/4	2,903.72	1/4	3,262.64
1/2	60.23	1/2	411.00	1/2	762.64	1/2	1,120.73	1/2	1,476.49	1/2	1,834.44	1/2	2,193.37	1/2	2,552.28	1/2	2,911.20	1/2	3,270.11
3/4	67.41	3/4	418.45	3/4	770.12	3/4	1,128.18	3/4	1,483.81	3/4	1,841.92	3/4	2,200.85	3/4	2,559.76	3/4	2,918.68	3/4	3,277.59
2	74.59	2	425.90	2	777.60	2	1,135.63	2	1,491.12	2	1,849.40	2	2,208.32	2	2,567.24	2	2,926.15	2	3,285.07
1/4	81.77	1/4	433.34	1/4	785.07	1/4	1,143.08	1/4	1,498.44	1/4	1,856.88	1/4	2,215.80	1/4	2,574.72	1/4	2,933.63	1/4	3,292.55
1/2	88.96	1/2	440.79	1/2	792.55	1/2	1,150.53	1/2	1,505.75	1/2	1,864.35	1/2	2,223.28	1/2	2,582.19	1/2	2,941.11	1/2	3,300.02
3/4	95.73	3/4	448.25	3/4	800.03	3/4	1,157.98	3/4	1,513.15	3/4	1,871.83	3/4	2,230.75	3/4	2,589.67	3/4	2,948.59	3/4	3,307.50
3	102.50	3	455.70	3	807.51	3	1,165.43	3	1,520.55	3	1,879.31	3	2,238.23	3	2,597.15	3	2,956.06	3	3,314.98
1/4	109.27	1/4	463.16	1/4	814.99	1/4	1,172.88	1/4	1,527.94	1/4	1,886.79	1/4	2,245.71	1/4	2,604.62	1/4	2,963.54	1/4	3,322.46
1/2	116.05	1/2	470.62	1/2	822.46	1/2	1,180.33	1/2	1,535.34	1/2	1,894.26	1/2	2,253.19	1/2	2,612.10	1/2	2,971.02	1/2	3,329.93
3/4	122.83	3/4	477.86	3/4	829.94	3/4	1,187.80	3/4	1,542.82	3/4	1,901.74	3/4	2,260.66	3/4	2,619.58	3/4	2,978.49	3/4	3,337.41
4	129.62	4	485.11	4	837.42	4	1,195.27	4	1,550.29	4	1,909.22	4	2,268.14	4	2,627.06	4	2,985.97	4	3,344.89
1/4	136.40	1/4	492.36	1/4	844.90	1/4	1,202.73	1/4	1,557.77	1/4	1,916.70	1/4	2,275.62	1/4	2,634.53	1/4	2,993.45	1/4	3,352.36
1/2	143.19	1/2	499.61	1/2	852.38	1/2	1,210.20	1/2	1,565.25	1/2	1,924.17	1/2	2,283.10	1/2	2,642.01	1/2	3,000.93	1/2	3,359.84
3/4	150.41	3/4	506.43	3/4	859.85	3/4	1,217.68	3/4	1,572.73	3/4	1,931.65	3/4	2,290.57	3/4	2,649.49	3/4	3,008.40	3/4	3,367.32
5	157.64	5	513.24	5	867.33	5	1,225.15	5	1,580.21	5	1,939.13	5	2,298.05	5	2,656.97	5	3,015.88	5	3,374.80
1/4	164.86	1/4	520.06	1/4	874.81	1/4	1,232.63	1/4	1,587.68	1/4	1,946.61	1/4	2,305.53	1/4	2,664.44	1/4	3,023.36	1/4	3,382.27
1/2	172.09	1/2	526.87	1/2	882.29	1/2	1,240.11	1/2	1,595.16	1/2	1,954.09	1/2	2,313.01	1/2	2,671.92	1/2	3,030.84	1/2	3,389.75
3/4	179.53	3/4	533.69	3/4	889.75	3/4	1,247.59	3/4	1,602.64	3/4	1,961.56	3/4	2,320.48	3/4	2,679.40	3/4	3,038.31	3/4	3,397.23
6	186.98	6	540.50	6	897.22	6	1,255.07	6	1,610.12	6	1,969.04	6	2,327.96	6	2,686.88	6	3,045.79	6	3,404.71
1/4	194.42	1/4	547.32	1/4	904.69	1/4	1,262.54	1/4	1,617.59	1/4	1,976.52	1/4	2,335.44	1/4	2,694.35	1/4	3,053.27	1/4	3,412.18
1/2	201.87	1/2	554.13	1/2	912.15	1/2	1,270.02	1/2	1,625.07	1/2	1,984.00	1/2	2,342.92	1/2	2,701.83	1/2	3,060.75	1/2	3,419.66
3/4	209.32	3/4	561.39	3/4	919.60	3/4	1,277.50	3/4	1,632.55	3/4	1,991.47	3/4	2,350.39	3/4	2,709.31	3/4	3,068.22	3/4	3,427.14
7	216.78	7	568.65	7	927.05	7	1,284.98	7	1,640.03	7	1,998.95	7	2,357.87	7	2,716.79	7	3,075.70	7	3,434.62
1/4	224.24	1/4	575.91	1/4	934.50	1/4	1,292.46	1/4	1,647.50	1/4	2,006.43	1/4	2,365.35	1/4	2,724.26	1/4	3,083.18	1/4	3,442.09
1/2	231.69	1/2	583.16	1/2	941.95	1/2	1,299.94	1/2	1,654.98	1/2	2,013.91	1/2	2,372.83	1/2	2,731.74	1/2	3,090.66	1/2	3,449.57
3/4	239.16	3/4	590.64	3/4	949.40	3/4	1,307.41	3/4	1,662.46	3/4	2,021.39	3/4	2,380.30	3/4	2,739.22	3/4	3,098.13	3/4	3,457.05
8	246.63	8	598.12	8	956.85	8	1,314.89	8	1,669.94	8	2,028.87	8	2,387.78	8	2,746.70	8	3,105.61	8	3,464.53
1/4	254.10	1/4	605.60	1/4	964.30	1/4	1,322.37	1/4	1,677.41	1/4	2,036.34	1/4	2,395.26	1/4	2,754.17	1/4	3,113.09	1/4	3,472.00
1/2	261.57	1/2	613.08	1/2	971.75	1/2	1,329.85	1/2	1,684.89	1/2	2,043.82	1/2	2,402.74	1/2	2,761.65	1/2	3,120.57	1/2	3,479.48
3/4	269.05	3/4	620.56	3/4	979.20	3/4	1,337.25	3/4	1,692.37	3/4	2,051.30	3/4	2,410.21	3/4	2,769.13	3/4	3,128.04	3/4	3,486.96
9	276.52	9	628.03	9	986.65	9	1,344.64	9	1,699.85	9	2,058.77	9	2,417.69	9	2,776.61	9	3,135.52	9	3,494.44
1/4	284.00	1/4	635.51	1/4	994.10	1/4	1,352.04	1/4	1,707.32	1/4	2,066.25	1/4	2,425.17	1/4	2,784.08	1/4	3,143.00	1/4	3,501.91
1/2	291.48	1/2	642.99	1/2	1,001.55	1/2	1,359.44	1/2	1,714.80	1/2	2,073.73	1/2	2,432.64	1/2	2,791.56	1/2	3,150.48	1/2	3,509.39
3/4	298.96	3/4	650.47	3/4	1,009.00	3/4	1,366.75	3/4	1,722.28	3/4	2,081.21	3/4	2,440.12	3/4	2,799.04	3/4	3,157.95	3/4	3,516.87
10	306.43	10	657.95	10	1,016.45	10	1,374.07	10	1,729.76	10	2,088.68	10	2,447.60	10	2,806.51	10	3,165.43	10	3,524.35
1/4	313.91	1/4	665.43	1/4	1,023.89	1/4	1,381.39	1/4	1,737.23	1/4	2,096.16	1/4	2,455.08	1/4	2,813.99	1/4	3,172.91	1/4	3,531.82
1/2	321.39	1/2	672.90	1/2	1,031.34	1/2	1,388.70	1/2	1,744.71	1/2	2,103.64	1/2	2,462.55	1/2	2,821.47	1/2	3,180.38	1/2	3,539.30
3/4	328.87	3/4	680.38	3/4	1,038.79	3/4	1,396.02	3/4	1,752.19	3/4	2,111.12	3/4	2,470.03	3/4	2,828.95	3/4	3,187.86	3/4	3,546.78
11	336.34	11	687.86	11	1,046.24	11	1,403.33	11	1,759.67	11	2,118.59	11	2,477.51	11	2,836.42	11	3,195.34	11	3,554.25
1/4	343.82	1/4	695.34	1/4	1,053.69	1/4	1,410.65	1/4	1,767.15	1/4	2,126.07	1/4	2,484.99	1/4	2,843.90	1/4	3,202.82	1/4	3,561.73
1/2	351.30	1/2	702.82	1/2	1,061.14	1/2	1,417.97	1/2	1,774.62	1/2	2,133.55	1/2	2,492.46	1/2	2,851.38	1/2	3,210.29	1/2	3,569.21
3/4	358.77	3/4	710.29	3/4	1,068.59	3/4	1,425.28	3/4	1,782.10	3/4	2,141.03	3/4	2,499.94	3/4	2,858.86	3/4	3,217.77	3/4	3,576.69

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE.
 GAUGE POINT: (MANUAL) LOCATED 12'-09" OFF CENTERLINE AND 45'-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 27768"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,584.16	0	3,941.58	0	4,282.11	0	4,598.05	0		0		0		0		0		0	
1/4	3,591.64	1/4	3,948.89	1/4	4,288.92	1/4	4,604.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,599.12	1/2	3,956.21	1/2	4,295.74	1/2	4,610.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,606.60	3/4	3,963.49	3/4	4,302.50	3/4	4,617.11	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,614.07	1	3,970.77	1	4,309.27	1	4,623.44	1		1		1		1		1		1	
1/4	3,621.55	1/4	3,978.04	1/4	4,316.03	1/4	4,629.77	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,629.03	1/2	3,985.32	1/2	4,322.79	1/2	4,636.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,636.51	3/4	3,992.57	3/4	4,329.52	3/4	4,642.68	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,643.98	2	3,999.81	2	4,336.24	2	4,649.25	2		2		2		2		2		2	
1/4	3,651.46	1/4	4,007.05	1/4	4,342.97	1/4	4,655.83	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,658.94	1/2	4,014.30	1/2	4,349.69	1/2	4,662.41	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,666.42	3/4	4,021.50	3/4	4,356.38	3/4	4,669.52	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,673.89	3	4,028.71	3	4,363.07	3	4,676.64	3		3		3		3		3		3	
1/4	3,681.37	1/4	4,035.92	1/4	4,369.76	1/4	4,683.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,688.85	1/2	4,043.12	1/2	4,376.45	1/2	4,690.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,696.33	3/4	4,050.29	3/4	4,383.10	3/4	4,698.27	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,703.80	4	4,057.47	4	4,389.76	4	4,705.66	4		4		4		4		4		4	
1/4	3,711.28	1/4	4,064.64	1/4	4,396.41	1/4	4,713.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,718.76	1/2	4,071.81	1/2	4,403.06	1/2	4,720.45	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,726.23	3/4	4,078.94	3/4	4,409.68	3/4	4,727.67	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,733.71	5	4,086.08	5	4,416.30	5	4,734.89	5		5		5		5		5		5	
1/4	3,741.19	1/4	4,093.21	1/4	4,422.92	1/4	4,742.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,748.67	1/2	4,100.35	1/2	4,429.53	1/2	4,749.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,756.14	3/4	4,107.45	3/4	4,436.12	3/4	4,755.76	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,763.62	6	4,114.54	6	4,442.70	6	4,762.20	6		6		6		6		6		6	
1/4	3,771.10	1/4	4,121.64	1/4	4,449.28	1/4	4,768.64	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,778.58	1/2	4,128.74	1/2	4,455.86	1/2	4,775.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,786.05	3/4	4,135.80	3/4	4,462.40	3/4	4,780.29	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,793.53	7	4,142.87	7	4,468.95	7	4,785.50	7		7		7		7		7		7	
1/4	3,801.00	1/4	4,149.93	1/4	4,475.50	1/4	4,790.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,808.48	1/2	4,156.99	1/2	4,482.04	1/2	4,795.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,815.93	3/4	4,164.02	3/4	4,488.55	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,823.39	8	4,171.05	8	4,495.06	8		8		8		8		8		8		8	
1/4	3,830.84	1/4	4,178.07	1/4	4,501.57	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,838.30	1/2	4,185.10	1/2	4,508.08	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,845.72	3/4	4,192.09	3/4	4,514.55	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,853.15	9	4,199.08	9	4,521.02	9		9		9		9		9		9		9	
1/4	3,860.57	1/4	4,206.07	1/4	4,527.50	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,867.99	1/2	4,213.06	1/2	4,533.97	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,875.38	3/4	4,220.01	3/4	4,540.41	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,882.77	10	4,226.97	10	4,546.84	10		10		10		10		10		10		10	
1/4	3,890.15	1/4	4,233.92	1/4	4,553.28	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,897.54	1/2	4,240.88	1/2	4,559.72	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,904.89	3/4	4,247.78	3/4	4,566.12	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,912.24	11	4,254.67	11	4,572.52	11		11		11		11		11		11		11	
1/4	3,919.60	1/4	4,261.57	1/4	4,578.92	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,926.95	1/2	4,268.47	1/2	4,585.32	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,934.26	3/4	4,275.29	3/4	4,591.69	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/11/2011 CL - SW
 RECALCULATED: 10/13/2021 PMA
 REPRINTED: 10/13/2021 PMA

CANCELS AND SUPERCEDES
 ALL PRIOR TO 10/2021

PRECISION MEASUREMENT
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BARGE "KIRBY 27768"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06"

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	46.33	0	319.33	0	666.00	0	1,011.92	0	1,362.13	0	1,717.27	0	2,073.95	0	2,430.62	0	2,787.29	0	3,144.00
1/4	46.84	1/4	326.73	1/4	673.23	1/4	1,019.11	1/4	1,369.40	1/4	1,724.70	1/4	2,081.38	1/4	2,438.05	1/4	2,794.72	1/4	3,151.45
1/2	47.35	1/2	334.14	1/2	680.45	1/2	1,026.30	1/2	1,376.67	1/2	1,732.13	1/2	2,088.81	1/2	2,445.48	1/2	2,802.15	1/2	3,158.91
3/4	48.71	3/4	341.54	3/4	687.68	3/4	1,033.50	3/4	1,383.91	3/4	1,739.57	3/4	2,096.24	3/4	2,452.91	3/4	2,809.58	3/4	3,166.36
1	50.06	1	348.95	1	694.90	1	1,040.69	1	1,391.16	1	1,747.00	1	2,103.67	1	2,460.34	1	2,817.01	1	3,173.81
1/4	51.41	1/4	356.36	1/4	702.13	1/4	1,047.88	1/4	1,398.40	1/4	1,754.43	1/4	2,111.10	1/4	2,467.77	1/4	2,824.44	1/4	3,181.26
1/2	52.76	1/2	363.76	1/2	709.35	1/2	1,055.08	1/2	1,405.65	1/2	1,761.86	1/2	2,118.53	1/2	2,475.20	1/2	2,831.87	1/2	3,188.72
3/4	54.94	3/4	371.18	3/4	716.58	3/4	1,062.28	3/4	1,413.05	3/4	1,769.29	3/4	2,125.96	3/4	2,482.63	3/4	2,839.30	3/4	3,196.17
2	57.12	2	378.60	2	723.80	2	1,069.47	2	1,420.46	2	1,776.72	2	2,133.39	2	2,490.06	2	2,846.73	2	3,203.62
1/4	59.30	1/4	386.02	1/4	731.03	1/4	1,076.67	1/4	1,427.87	1/4	1,784.15	1/4	2,140.82	1/4	2,497.49	1/4	2,854.16	1/4	3,211.08
1/2	61.47	1/2	393.44	1/2	738.25	1/2	1,083.87	1/2	1,435.28	1/2	1,791.58	1/2	2,148.25	1/2	2,504.92	1/2	2,861.59	1/2	3,218.53
3/4	65.33	3/4	400.44	3/4	745.48	3/4	1,091.07	3/4	1,442.68	3/4	1,799.01	3/4	2,155.68	3/4	2,512.35	3/4	2,869.02	3/4	3,225.98
3	69.20	3	407.43	3	752.70	3	1,098.28	3	1,450.09	3	1,806.44	3	2,163.12	3	2,519.78	3	2,876.45	3	3,233.44
1/4	73.06	1/4	414.43	1/4	759.93	1/4	1,105.48	1/4	1,457.50	1/4	1,813.87	1/4	2,170.55	1/4	2,527.21	1/4	2,883.88	1/4	3,240.89
1/2	76.92	1/2	421.43	1/2	767.15	1/2	1,112.69	1/2	1,464.91	1/2	1,821.31	1/2	2,177.98	1/2	2,534.65	1/2	2,891.31	1/2	3,248.34
3/4	82.45	3/4	427.98	3/4	774.38	3/4	1,120.10	3/4	1,472.31	3/4	1,828.74	3/4	2,185.41	3/4	2,542.08	3/4	2,898.74	3/4	3,255.80
4	87.99	4	434.53	4	781.60	4	1,127.52	4	1,479.72	4	1,836.17	4	2,192.84	4	2,549.51	4	2,906.18	4	3,263.25
1/4	93.53	1/4	441.09	1/4	788.83	1/4	1,134.93	1/4	1,487.13	1/4	1,843.60	1/4	2,200.27	1/4	2,556.94	1/4	2,913.61	1/4	3,270.70
1/2	99.07	1/2	447.64	1/2	796.05	1/2	1,142.35	1/2	1,494.53	1/2	1,851.03	1/2	2,207.70	1/2	2,564.37	1/2	2,921.04	1/2	3,278.16
3/4	105.85	3/4	454.64	3/4	803.25	3/4	1,149.77	3/4	1,501.94	3/4	1,858.46	3/4	2,215.13	3/4	2,571.80	3/4	2,928.47	3/4	3,285.61
5	112.64	5	461.63	5	810.45	5	1,157.18	5	1,509.35	5	1,865.89	5	2,222.56	5	2,579.23	5	2,935.90	5	3,293.06
1/4	119.42	1/4	468.63	1/4	817.65	1/4	1,164.60	1/4	1,516.76	1/4	1,873.32	1/4	2,229.99	1/4	2,586.66	1/4	2,943.33	1/4	3,300.51
1/2	126.20	1/2	475.62	1/2	824.85	1/2	1,172.01	1/2	1,524.16	1/2	1,880.75	1/2	2,237.42	1/2	2,594.09	1/2	2,950.76	1/2	3,307.97
3/4	133.62	3/4	483.06	3/4	832.05	3/4	1,179.43	3/4	1,531.57	3/4	1,888.18	3/4	2,244.85	3/4	2,601.52	3/4	2,958.19	3/4	3,311.97
6	141.04	6	490.50	6	839.24	6	1,186.84	6	1,538.98	6	1,895.61	6	2,252.28	6	2,608.95	6	2,965.62	6	3,315.97
1/4	148.46	1/4	497.93	1/4	846.44	1/4	1,194.26	1/4	1,546.39	1/4	1,903.04	1/4	2,259.71	1/4	2,616.38	1/4	2,973.05	1/4	3,319.96
1/2	155.88	1/2	505.37	1/2	853.64	1/2	1,201.67	1/2	1,553.79	1/2	1,910.47	1/2	2,267.14	1/2	2,623.81	1/2	2,980.48	1/2	3,323.96
3/4	163.32	3/4	512.80	3/4	860.83	3/4	1,209.09	3/4	1,561.22	3/4	1,917.91	3/4	2,274.57	3/4	2,631.24	3/4	2,987.91	3/4	3,327.96
7	170.75	7	520.24	7	868.03	7	1,216.50	7	1,568.65	7	1,925.34	7	2,282.00	7	2,638.67	7	2,995.34	7	3,331.96
1/4	178.19	1/4	527.68	1/4	875.22	1/4	1,223.92	1/4	1,576.09	1/4	1,932.77	1/4	2,289.44	1/4	2,646.10	1/4	3,002.77	1/4	3,335.96
1/2	185.62	1/2	535.11	1/2	882.42	1/2	1,231.34	1/2	1,583.52	1/2	1,940.20	1/2	2,296.87	1/2	2,653.53	1/2	3,010.20	1/2	3,339.96
3/4	193.06	3/4	542.55	3/4	889.62	3/4	1,238.59	3/4	1,590.95	3/4	1,947.63	3/4	2,304.30	3/4	2,660.97	3/4	3,017.63	3/4	3,343.96
8	200.49	8	549.98	8	896.81	8	1,245.84	8	1,598.38	8	1,955.06	8	2,311.73	8	2,668.40	8	3,025.06	8	3,347.96
1/4	207.93	1/4	557.42	1/4	904.01	1/4	1,253.10	1/4	1,605.81	1/4	1,962.49	1/4	2,319.16	1/4	2,675.83	1/4	3,032.50	1/4	3,351.95
1/2	215.36	1/2	564.85	1/2	911.20	1/2	1,260.35	1/2	1,613.24	1/2	1,969.92	1/2	2,326.59	1/2	2,683.26	1/2	3,039.93	1/2	3,355.95
3/4	222.79	3/4	572.08	3/4	918.40	3/4	1,267.62	3/4	1,620.67	3/4	1,977.35	3/4	2,334.02	3/4	2,690.69	3/4	3,047.36	3/4	3,359.95
9	230.23	9	579.30	9	925.59	9	1,274.89	9	1,628.10	9	1,984.78	9	2,341.45	9	2,698.12	9	3,054.79	9	3,363.95
1/4	237.66	1/4	586.53	1/4	932.78	1/4	1,282.16	1/4	1,635.53	1/4	1,992.21	1/4	2,348.88	1/4	2,705.55	1/4	3,062.22	1/4	3,367.95
1/2	245.10	1/2	593.75	1/2	939.98	1/2	1,289.43	1/2	1,642.96	1/2	1,999.64	1/2	2,356.31	1/2	2,712.98	1/2	3,069.65	1/2	3,371.95
3/4	252.53	3/4	600.98	3/4	947.17	3/4	1,296.70	3/4	1,650.39	3/4	2,007.07	3/4	2,363.74	3/4	2,720.41	3/4	3,077.08	3/4	3,375.95
10	259.97	10	608.20	10	954.37	10	1,303.97	10	1,657.83	10	2,014.50	10	2,371.17	10	2,727.84	10	3,084.51	10	3,379.95
1/4	267.40	1/4	615.43	1/4	961.56	1/4	1,311.24	1/4	1,665.26	1/4	2,021.93	1/4	2,378.60	1/4	2,735.27	1/4	3,091.94	1/4	3,383.94
1/2	274.84	1/2	622.65	1/2	968.75	1/2	1,318.51	1/2	1,672.69	1/2	2,029.36	1/2	2,386.03	1/2	2,742.70	1/2	3,099.37	1/2	3,387.94
3/4	282.26	3/4	629.88	3/4	975.95	3/4	1,325.78	3/4	1,680.12	3/4	2,036.79	3/4	2,393.46	3/4	2,750.13	3/4	3,106.80	3/4	3,391.94
11	289.68	11	637.10	11	983.14	11	1,333.05	11	1,687.55	11	2,044.23	11	2,400.89	11	2,757.56	11	3,114.23	11	3,395.94
1/4	297.10	1/4	644.33	1/4	990.33	1/4	1,340.32	1/4	1,694.98	1/4	2,051.66	1/4	2,408.32	1/4	2,764.99	1/4	3,121.66	1/4	3,399.94
1/2	304.52	1/2	651.55	1/2	997.53	1/2	1,347.59	1/2	1,702.41	1/2	2,059.09	1/2	2,415.76	1/2	2,772.42	1/2	3,129.09	1/2	3,403.94
3/4	311.92	3/4	658.78	3/4	1,004.72	3/4	1,354.86	3/4	1,709.84	3/4	2,066.52	3/4	2,423.19	3/4	2,779.85	3/4	3,136.55	3/4	3,407.94

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 AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE.
 GAUGE POINT: (MANUAL) LOCATED 12'-09" OFF CENTERLINE AND 51'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 27768"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06"

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	3,411.94	0	3,602.47	0	3,782.63	0	3,948.30	0		0		0		0		0		0	
1/4	3,415.94	1/4	3,606.35	1/4	3,786.19	1/4	3,951.64	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,419.93	1/2	3,610.23	1/2	3,789.76	1/2	3,954.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,423.93	3/4	3,614.10	3/4	3,793.31	3/4	3,958.60	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,427.93	1	3,617.96	1	3,796.86	1	3,962.22	1		1		1		1		1		1	
1/4	3,431.93	1/4	3,621.82	1/4	3,800.41	1/4	3,965.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,435.93	1/2	3,625.69	1/2	3,803.95	1/2	3,969.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,439.93	3/4	3,629.53	3/4	3,807.48	3/4	3,973.37	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,443.93	2	3,633.38	2	3,811.01	2	3,977.29	2		2		2		2		2		2	
1/4	3,447.93	1/4	3,637.22	1/4	3,814.54	1/4	3,981.20	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,451.92	1/2	3,641.07	1/2	3,818.07	1/2	3,985.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,455.92	3/4	3,644.89	3/4	3,821.58	3/4	3,989.03	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,459.92	3	3,648.72	3	3,825.09	3	3,992.94	3		3		3		3		3		3	
1/4	3,463.92	1/4	3,652.54	1/4	3,828.60	1/4	3,996.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,467.92	1/2	3,656.37	1/2	3,832.11	1/2	4,000.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,471.92	3/4	3,660.17	3/4	3,835.60	3/4	4,004.34	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,475.92	4	3,663.98	4	3,839.09	4	4,007.90	4		4		4		4		4		4	
1/4	3,479.92	1/4	3,667.79	1/4	3,842.58	1/4	4,011.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,483.91	1/2	3,671.59	1/2	3,846.07	1/2	4,015.03	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,487.91	3/4	3,675.38	3/4	3,849.54	3/4	4,017.39	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,491.91	5	3,679.16	5	3,853.01	5	4,019.75	5		5		5		5		5		5	
1/4	3,495.91	1/4	3,682.95	1/4	3,856.48	1/4	4,022.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,499.91	1/2	3,686.74	1/2	3,859.95	1/2	4,024.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,503.90	3/4	3,690.51	3/4	3,863.40	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,507.90	6	3,694.27	6	3,866.85	6		6		6		6		6		6		6	
1/4	3,511.89	1/4	3,698.04	1/4	3,870.31	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,515.88	1/2	3,701.81	1/2	3,873.76	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,519.86	3/4	3,705.56	3/4	3,877.19	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,523.84	7	3,709.30	7	3,880.62	7		7		7		7		7		7		7	
1/4	3,527.82	1/4	3,713.05	1/4	3,884.05	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,531.80	1/2	3,716.80	1/2	3,887.49	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,535.76	3/4	3,720.53	3/4	3,890.90	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,539.72	8	3,724.26	8	3,894.31	8		8		8		8		8		8		8	
1/4	3,543.68	1/4	3,727.99	1/4	3,897.73	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,547.64	1/2	3,731.72	1/2	3,901.14	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,551.58	3/4	3,735.43	3/4	3,904.53	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,555.52	9	3,739.14	9	3,907.93	9		9		9		9		9		9		9	
1/4	3,559.46	1/4	3,742.84	1/4	3,911.32	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,563.40	1/2	3,746.55	1/2	3,914.71	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,567.33	3/4	3,750.20	3/4	3,918.09	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,571.25	10	3,753.85	10	3,921.46	10		10		10		10		10		10		10	
1/4	3,575.17	1/4	3,757.50	1/4	3,924.84	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,579.09	1/2	3,761.15	1/2	3,928.21	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,582.99	3/4	3,764.73	3/4	3,931.57	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,586.90	11	3,768.32	11	3,934.92	11		11		11		11		11		11		11	
1/4	3,590.80	1/4	3,771.91	1/4	3,938.28	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,594.70	1/2	3,775.49	1/2	3,941.63	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,598.58	3/4	3,779.06	3/4	3,944.97	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/11/2011 CL - SW
 RECALCULATED: 10/13/2021 PMA
 REPRINTED: 10/13/2021 PMA

CANCELS AND SUPERCEDES
 ALL PRIOR TO 10/2021

PRECISION MEASUREMENT
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BARGE "KIRBY 27768"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 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	46.36	0	320.19	0	670.60	0	1,027.43	0	1,381.93	0	1,738.63	0	2,096.29	0	2,453.94	0	2,811.60	0	3,169.26
1/4	46.89	1/4	327.61	1/4	678.05	1/4	1,034.85	1/4	1,389.22	1/4	1,746.08	1/4	2,103.74	1/4	2,461.40	1/4	2,819.05	1/4	3,176.71
1/2	47.42	1/2	335.03	1/2	685.50	1/2	1,042.28	1/2	1,396.51	1/2	1,753.53	1/2	2,111.19	1/2	2,468.85	1/2	2,826.50	1/2	3,184.16
3/4	48.79	3/4	342.45	3/4	692.95	3/4	1,049.70	3/4	1,403.80	3/4	1,760.98	3/4	2,118.64	3/4	2,476.30	3/4	2,833.96	3/4	3,191.61
1	50.16	1	349.87	1	700.40	1	1,057.12	1	1,411.09	1	1,768.43	1	2,126.09	1	2,483.75	1	2,841.41	1	3,199.06
1/4	51.54	1/4	357.30	1/4	707.86	1/4	1,064.54	1/4	1,418.38	1/4	1,775.88	1/4	2,133.54	1/4	2,491.20	1/4	2,848.86	1/4	3,206.52
1/2	52.91	1/2	364.72	1/2	715.31	1/2	1,071.97	1/2	1,425.67	1/2	1,783.33	1/2	2,140.99	1/2	2,498.65	1/2	2,856.31	1/2	3,213.97
3/4	55.11	3/4	372.15	3/4	722.76	3/4	1,079.39	3/4	1,433.12	3/4	1,790.78	3/4	2,148.45	3/4	2,506.10	3/4	2,863.76	3/4	3,221.42
2	57.30	2	379.59	2	730.21	2	1,086.82	2	1,440.57	2	1,798.24	2	2,155.90	2	2,513.55	2	2,871.21	2	3,228.87
1/4	59.50	1/4	387.03	1/4	737.66	1/4	1,094.25	1/4	1,448.02	1/4	1,805.69	1/4	2,163.35	1/4	2,521.01	1/4	2,878.66	1/4	3,236.32
1/2	61.70	1/2	394.47	1/2	745.11	1/2	1,101.68	1/2	1,455.47	1/2	1,813.14	1/2	2,170.80	1/2	2,528.46	1/2	2,886.11	1/2	3,243.77
3/4	65.57	3/4	401.48	3/4	752.57	3/4	1,109.13	3/4	1,462.92	3/4	1,820.59	3/4	2,178.25	3/4	2,535.91	3/4	2,893.57	3/4	3,251.22
3	69.45	3	408.49	3	760.02	3	1,116.58	3	1,470.37	3	1,828.04	3	2,185.70	3	2,543.36	3	2,901.02	3	3,258.67
1/4	73.33	1/4	415.50	1/4	767.47	1/4	1,124.03	1/4	1,477.83	1/4	1,835.49	1/4	2,193.15	1/4	2,550.81	1/4	2,908.47	1/4	3,266.13
1/2	77.21	1/2	422.51	1/2	774.92	1/2	1,131.48	1/2	1,485.28	1/2	1,842.94	1/2	2,200.60	1/2	2,558.26	1/2	2,915.92	1/2	3,273.58
3/4	82.77	3/4	429.09	3/4	782.37	3/4	1,138.94	3/4	1,492.73	3/4	1,850.40	3/4	2,208.05	3/4	2,565.71	3/4	2,923.37	3/4	3,281.03
4	88.32	4	435.66	4	789.82	4	1,146.39	4	1,500.18	4	1,857.85	4	2,215.51	4	2,573.16	4	2,930.82	4	3,288.48
1/4	93.88	1/4	442.23	1/4	797.28	1/4	1,153.84	1/4	1,507.63	1/4	1,865.30	1/4	2,222.96	1/4	2,580.61	1/4	2,938.27	1/4	3,295.93
1/2	99.43	1/2	448.80	1/2	804.73	1/2	1,161.29	1/2	1,515.08	1/2	1,872.75	1/2	2,230.41	1/2	2,588.07	1/2	2,945.72	1/2	3,303.38
3/4	106.23	3/4	455.81	3/4	812.16	3/4	1,168.74	3/4	1,522.53	3/4	1,880.20	3/4	2,237.86	3/4	2,595.52	3/4	2,953.17	3/4	3,310.83
5	113.03	5	462.82	5	819.58	5	1,176.20	5	1,529.99	5	1,887.65	5	2,245.31	5	2,602.97	5	2,960.63	5	3,318.28
1/4	119.83	1/4	469.84	1/4	827.01	1/4	1,183.65	1/4	1,537.44	1/4	1,895.10	1/4	2,252.76	1/4	2,610.42	1/4	2,968.08	1/4	3,325.73
1/2	126.63	1/2	476.85	1/2	834.44	1/2	1,191.10	1/2	1,544.89	1/2	1,902.56	1/2	2,260.21	1/2	2,617.87	1/2	2,975.53	1/2	3,333.19
3/4	134.07	3/4	484.30	3/4	841.86	3/4	1,198.55	3/4	1,552.34	3/4	1,910.01	3/4	2,267.66	3/4	2,625.32	3/4	2,982.98	3/4	3,337.18
6	141.51	6	491.75	6	849.28	6	1,206.00	6	1,559.79	6	1,917.46	6	2,275.12	6	2,632.77	6	2,990.43	6	3,341.18
1/4	148.94	1/4	499.20	1/4	856.71	1/4	1,213.46	1/4	1,567.24	1/4	1,924.91	1/4	2,282.57	1/4	2,640.22	1/4	2,997.88	1/4	3,345.18
1/2	156.38	1/2	506.66	1/2	864.13	1/2	1,220.91	1/2	1,574.69	1/2	1,932.36	1/2	2,290.02	1/2	2,647.68	1/2	3,005.33	1/2	3,349.18
3/4	163.83	3/4	514.11	3/4	871.55	3/4	1,228.36	3/4	1,582.15	3/4	1,939.81	3/4	2,297.47	3/4	2,655.13	3/4	3,012.78	3/4	3,353.18
7	171.28	7	521.56	7	878.97	7	1,235.81	7	1,589.60	7	1,947.26	7	2,304.92	7	2,662.58	7	3,020.24	7	3,357.18
1/4	178.73	1/4	529.01	1/4	886.40	1/4	1,243.26	1/4	1,597.05	1/4	1,954.71	1/4	2,312.37	1/4	2,670.03	1/4	3,027.69	1/4	3,361.18
1/2	186.18	1/2	536.47	1/2	893.82	1/2	1,250.72	1/2	1,604.50	1/2	1,962.17	1/2	2,319.82	1/2	2,677.48	1/2	3,035.14	1/2	3,365.18
3/4	193.63	3/4	543.92	3/4	901.24	3/4	1,258.01	3/4	1,611.95	3/4	1,969.62	3/4	2,327.27	3/4	2,684.93	3/4	3,042.59	3/4	3,369.17
8	201.09	8	551.37	8	908.66	8	1,265.30	8	1,619.40	8	1,977.07	8	2,334.73	8	2,692.38	8	3,050.04	8	3,373.17
1/4	208.54	1/4	558.82	1/4	916.09	1/4	1,272.59	1/4	1,626.85	1/4	1,984.52	1/4	2,342.18	1/4	2,699.83	1/4	3,057.49	1/4	3,377.17
1/2	215.99	1/2	566.27	1/2	923.51	1/2	1,279.88	1/2	1,634.31	1/2	1,991.97	1/2	2,349.63	1/2	2,707.29	1/2	3,064.94	1/2	3,381.17
3/4	223.44	3/4	573.73	3/4	930.93	3/4	1,287.17	3/4	1,641.76	3/4	1,999.42	3/4	2,357.08	3/4	2,714.74	3/4	3,072.39	3/4	3,385.17
9	230.89	9	581.18	9	938.36	9	1,294.46	9	1,649.21	9	2,006.87	9	2,364.53	9	2,722.19	9	3,079.85	9	3,389.17
1/4	238.34	1/4	588.63	1/4	945.78	1/4	1,301.75	1/4	1,656.66	1/4	2,014.32	1/4	2,371.98	1/4	2,729.64	1/4	3,087.30	1/4	3,393.17
1/2	245.79	1/2	596.08	1/2	953.20	1/2	1,309.04	1/2	1,664.11	1/2	2,021.77	1/2	2,379.43	1/2	2,737.09	1/2	3,094.75	1/2	3,397.17
3/4	253.24	3/4	603.53	3/4	960.62	3/4	1,316.33	3/4	1,671.56	3/4	2,029.23	3/4	2,386.88	3/4	2,744.54	3/4	3,102.20	3/4	3,401.16
10	260.69	10	610.98	10	968.05	10	1,323.62	10	1,679.01	10	2,036.68	10	2,394.33	10	2,751.99	10	3,109.65	10	3,405.16
1/4	268.14	1/4	618.44	1/4	975.47	1/4	1,330.91	1/4	1,686.47	1/4	2,044.13	1/4	2,401.79	1/4	2,759.44	1/4	3,117.10	1/4	3,409.16
1/2	275.60	1/2	625.89	1/2	982.89	1/2	1,338.19	1/2	1,693.92	1/2	2,051.58	1/2	2,409.24	1/2	2,766.89	1/2	3,124.55	1/2	3,413.16
3/4	283.03	3/4	633.34	3/4	990.32	3/4	1,345.48	3/4	1,701.37	3/4	2,059.03	3/4	2,416.69	3/4	2,774.35	3/4	3,132.00	3/4	3,417.16
11	290.47	11	640.79	11	997.74	11	1,352.77	11	1,708.82	11	2,066.48	11	2,424.14	11	2,781.80	11	3,139.45	11	3,421.16
1/4	297.91	1/4	648.24	1/4	1,005.16	1/4	1,360.06	1/4	1,716.27	1/4	2,073.93	1/4	2,431.59	1/4	2,789.25	1/4	3,146.91	1/4	3,425.16
1/2	305.34	1/2	655.69	1/2	1,012.58	1/2	1,367.35	1/2	1,723.72	1/2	2,081.38	1/2	2,439.04	1/2	2,796.70	1/2	3,154.36	1/2	3,429.15
3/4	312.76	3/4	663.15	3/4	1,020.01	3/4	1,374.64	3/4	1,731.17	3/4	2,088.84	3/4	2,446.49	3/4	2,804.15	3/4	3,161.81	3/4	3,433.15

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 AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE.
 GAUGE POINT: (MANUAL) LOCATED 12'-09" OFF CENTERLINE AND 51'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 27768"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,437.15	0	3,627.68	0	3,807.84	0	3,973.52	0		0		0		0		0		0	
1/4	3,441.15	1/4	3,631.56	1/4	3,811.41	1/4	3,976.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,445.15	1/2	3,635.44	1/2	3,814.97	1/2	3,980.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,449.15	3/4	3,639.31	3/4	3,818.52	3/4	3,983.82	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,453.15	1	3,643.17	1	3,822.07	1	3,987.44	1		1		1		1		1		1	
1/4	3,457.15	1/4	3,647.04	1/4	3,825.62	1/4	3,991.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,461.14	1/2	3,650.90	1/2	3,829.17	1/2	3,994.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,465.14	3/4	3,654.74	3/4	3,832.69	3/4	3,998.59	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,469.14	2	3,658.59	2	3,836.22	2	4,002.50	2		2		2		2		2		2	
1/4	3,473.14	1/4	3,662.43	1/4	3,839.75	1/4	4,006.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,477.14	1/2	3,666.28	1/2	3,843.28	1/2	4,010.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,481.14	3/4	3,670.10	3/4	3,846.79	3/4	4,014.25	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,485.14	3	3,673.93	3	3,850.30	3	4,018.16	3		3		3		3		3		3	
1/4	3,489.14	1/4	3,677.75	1/4	3,853.81	1/4	4,022.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,493.13	1/2	3,681.58	1/2	3,857.32	1/2	4,025.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,497.13	3/4	3,685.38	3/4	3,860.81	3/4	4,029.56	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,501.13	4	3,689.19	4	3,864.30	4	4,033.12	4		4		4		4		4		4	
1/4	3,505.13	1/4	3,693.00	1/4	3,867.79	1/4	4,036.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,509.13	1/2	3,696.80	1/2	3,871.28	1/2	4,040.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,513.13	3/4	3,700.59	3/4	3,874.75	3/4	4,042.61	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,517.13	5	3,704.38	5	3,878.22	5	4,044.98	5		5		5		5		5		5	
1/4	3,521.13	1/4	3,708.16	1/4	3,881.69	1/4	4,047.34	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,525.12	1/2	3,711.95	1/2	3,885.16	1/2	4,049.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,529.12	3/4	3,715.72	3/4	3,888.62	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,533.11	6	3,719.48	6	3,892.07	6		6		6		6		6		6		6	
1/4	3,537.10	1/4	3,723.25	1/4	3,895.52	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,541.10	1/2	3,727.02	1/2	3,898.97	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,545.08	3/4	3,730.77	3/4	3,902.40	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,549.06	7	3,734.52	7	3,905.84	7		7		7		7		7		7		7	
1/4	3,553.03	1/4	3,738.26	1/4	3,909.27	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,557.01	1/2	3,742.01	1/2	3,912.70	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,560.97	3/4	3,745.74	3/4	3,916.11	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,564.93	8	3,749.47	8	3,919.53	8		8		8		8		8		8		8	
1/4	3,568.89	1/4	3,753.20	1/4	3,922.94	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,572.85	1/2	3,756.93	1/2	3,926.35	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,576.79	3/4	3,760.64	3/4	3,929.75	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,580.74	9	3,764.35	9	3,933.14	9		9		9		9		9		9		9	
1/4	3,584.68	1/4	3,768.06	1/4	3,936.54	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,588.62	1/2	3,771.77	1/2	3,939.93	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,592.54	3/4	3,775.41	3/4	3,943.30	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,596.46	10	3,779.06	10	3,946.68	10		10		10		10		10		10		10	
1/4	3,600.38	1/4	3,782.71	1/4	3,950.05	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,604.30	1/2	3,786.36	1/2	3,953.43	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,608.21	3/4	3,789.94	3/4	3,956.78	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,612.11	11	3,793.53	11	3,960.14	11		11		11		11		11		11		11	
1/4	3,616.01	1/4	3,797.12	1/4	3,963.50	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,619.91	1/2	3,800.70	1/2	3,966.85	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,623.80	3/4	3,804.27	3/4	3,970.19	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/11/2011 CL - SW
 RECALCULATED: 10/13/2021 PMA
 REPRINTED: 10/13/2021 PMA

CANCELS AND SUPERCEDES
 ALL PRIOR TO 10/2021

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "KIRBY 27768"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 6'-10 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	2,317	0	4,634	0	6,951	0	9,267	0	11,584	0	13,901	0		0		0	
1/4	48	1/4	2,365	1/4	4,682	1/4	6,999	1/4	9,316	1/4	11,633	1/4	13,949	1/4		1/4		1/4	
1/2	97	1/2	2,413	1/2	4,730	1/2	7,047	1/2	9,364	1/2	11,681	1/2	13,998	1/2		1/2		1/2	
3/4	145	3/4	2,462	3/4	4,779	3/4	7,095	3/4	9,412	3/4	11,729	3/4	14,046	3/4		3/4		3/4	
1	193	1	2,510	1	4,827	1	7,144	1	9,461	1	11,777	1	14,094	1		1		1	
1/4	241	1/4	2,558	1/4	4,875	1/4	7,192	1/4	9,509	1/4	11,826	1/4	14,142	1/4		1/4		1/4	
1/2	290	1/2	2,606	1/2	4,923	1/2	7,240	1/2	9,557	1/2	11,874	1/2	14,191	1/2		1/2		1/2	
3/4	338	3/4	2,655	3/4	4,972	3/4	7,288	3/4	9,605	3/4	11,922	3/4	14,239	3/4		3/4		3/4	
2	386	2	2,703	2	5,020	2	7,337	2	9,654	2	11,970	2	14,287	2		2		2	
1/4	434	1/4	2,751	1/4	5,068	1/4	7,385	1/4	9,702	1/4	12,019	1/4	14,336	1/4		1/4		1/4	
1/2	483	1/2	2,800	1/2	5,116	1/2	7,433	1/2	9,750	1/2	12,067	1/2	14,384	1/2		1/2		1/2	
3/4	531	3/4	2,848	3/4	5,165	3/4	7,482	3/4	9,798	3/4	12,115	3/4		3/4		3/4		3/4	
3	579	3	2,896	3	5,213	3	7,530	3	9,847	3	12,164	3		3		3		3	
1/4	627	1/4	2,944	1/4	5,261	1/4	7,578	1/4	9,895	1/4	12,212	1/4		1/4		1/4		1/4	
1/2	676	1/2	2,993	1/2	5,309	1/2	7,626	1/2	9,943	1/2	12,260	1/2		1/2		1/2		1/2	
3/4	724	3/4	3,041	3/4	5,358	3/4	7,675	3/4	9,991	3/4	12,308	3/4		3/4		3/4		3/4	
4	772	4	3,089	4	5,406	4	7,723	4	10,040	4	12,357	4		4		4		4	
1/4	821	1/4	3,137	1/4	5,454	1/4	7,771	1/4	10,088	1/4	12,405	1/4		1/4		1/4		1/4	
1/2	869	1/2	3,186	1/2	5,503	1/2	7,819	1/2	10,136	1/2	12,453	1/2		1/2		1/2		1/2	
3/4	917	3/4	3,234	3/4	5,551	3/4	7,868	3/4	10,185	3/4	12,501	3/4		3/4		3/4		3/4	
5	965	5	3,282	5	5,599	5	7,916	5	10,233	5	12,550	5		5		5		5	
1/4	1,014	1/4	3,330	1/4	5,647	1/4	7,964	1/4	10,281	1/4	12,598	1/4		1/4		1/4		1/4	
1/2	1,062	1/2	3,379	1/2	5,696	1/2	8,012	1/2	10,329	1/2	12,646	1/2		1/2		1/2		1/2	
3/4	1,110	3/4	3,427	3/4	5,744	3/4	8,061	3/4	10,378	3/4	12,694	3/4		3/4		3/4		3/4	
6	1,158	6	3,475	6	5,792	6	8,109	6	10,426	6	12,743	6		6		6		6	
1/4	1,207	1/4	3,524	1/4	5,840	1/4	8,157	1/4	10,474	1/4	12,791	1/4		1/4		1/4		1/4	
1/2	1,255	1/2	3,572	1/2	5,889	1/2	8,206	1/2	10,522	1/2	12,839	1/2		1/2		1/2		1/2	
3/4	1,303	3/4	3,620	3/4	5,937	3/4	8,254	3/4	10,571	3/4	12,888	3/4		3/4		3/4		3/4	
7	1,352	7	3,668	7	5,985	7	8,302	7	10,619	7	12,936	7		7		7		7	
1/4	1,400	1/4	3,717	1/4	6,033	1/4	8,350	1/4	10,667	1/4	12,984	1/4		1/4		1/4		1/4	
1/2	1,448	1/2	3,765	1/2	6,082	1/2	8,399	1/2	10,715	1/2	13,032	1/2		1/2		1/2		1/2	
3/4	1,496	3/4	3,813	3/4	6,130	3/4	8,447	3/4	10,764	3/4	13,081	3/4		3/4		3/4		3/4	
8	1,545	8	3,861	8	6,178	8	8,495	8	10,812	8	13,129	8		8		8		8	
1/4	1,593	1/4	3,910	1/4	6,227	1/4	8,543	1/4	10,860	1/4	13,177	1/4		1/4		1/4		1/4	
1/2	1,641	1/2	3,958	1/2	6,275	1/2	8,592	1/2	10,909	1/2	13,225	1/2		1/2		1/2		1/2	
3/4	1,689	3/4	4,006	3/4	6,323	3/4	8,640	3/4	10,957	3/4	13,274	3/4		3/4		3/4		3/4	
9	1,738	9	4,055	9	6,371	9	8,688	9	11,005	9	13,322	9		9		9		9	
1/4	1,786	1/4	4,103	1/4	6,420	1/4	8,736	1/4	11,053	1/4	13,370	1/4		1/4		1/4		1/4	
1/2	1,834	1/2	4,151	1/2	6,468	1/2	8,785	1/2	11,102	1/2	13,418	1/2		1/2		1/2		1/2	
3/4	1,882	3/4	4,199	3/4	6,516	3/4	8,833	3/4	11,150	3/4	13,467	3/4		3/4		3/4		3/4	
10	1,931	10	4,248	10	6,564	10	8,881	10	11,198	10	13,515	10		10		10		10	
1/4	1,979	1/4	4,296	1/4	6,613	1/4	8,930	1/4	11,246	1/4	13,563	1/4		1/4		1/4		1/4	
1/2	2,027	1/2	4,344	1/2	6,661	1/2	8,978	1/2	11,295	1/2	13,612	1/2		1/2		1/2		1/2	
3/4	2,076	3/4	4,392	3/4	6,709	3/4	9,026	3/4	11,343	3/4	13,660	3/4		3/4		3/4		3/4	
11	2,124	11	4,441	11	6,758	11	9,074	11	11,391	11	13,708	11		11		11		11	
1/4	2,172	1/4	4,489	1/4	6,806	1/4	9,123	1/4	11,439	1/4	13,756	1/4		1/4		1/4		1/4	
1/2	2,220	1/2	4,537	1/2	6,854	1/2	9,171	1/2	11,488	1/2	13,805	1/2		1/2		1/2		1/2	
3/4	2,269	3/4	4,585	3/4	6,902	3/4	9,219	3/4	11,536	3/4	13,853	3/4		3/4		3/4		3/4	

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

STRAPPED: 10/13/2021 JS
 COMPUTED: 10/13/2021 CL
 PRINTED: 10/13/2021 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 10/2021

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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