



BARGE "KIRBY 27766"

ULLAGE TRIM TABLE

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

July 5, 2011

PRECISION MEASUREMENT
 & ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 27766"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
									4,850.20		4,519.40		4,167.87		3,794.60		3,416.75		3,038.89		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,842.70	1/4	4,512.36	1/4	4,160.28	1/4	3,786.73	1/4	3,408.87	1/4	3,031.02		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,835.20	1/2	4,505.31	1/2	4,152.69	1/2	3,778.86	1/2	3,401.00	1/2	3,023.15		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,827.70	3/4	4,498.26	3/4	4,145.10	3/4	3,770.99	3/4	3,393.13	3/4	3,015.27		
1	1	1	1	1	1	1	1	1	4,820.77	1	4,491.18	1	4,137.48	1	3,763.11	1	3,385.26	1	3,007.40		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,813.84	1/4	4,484.09	1/4	4,129.85	1/4	3,755.24	1/4	3,377.39	1/4	2,999.53		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,806.92	1/2	4,477.00	1/2	4,122.23	1/2	3,747.37	1/2	3,369.51	1/2	2,991.66		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,799.99	3/4	4,469.92	3/4	4,114.60	3/4	3,739.50	3/4	3,361.64	3/4	2,983.79		
2	2	2	2	2	2	2	2	2	4,793.32	2	4,462.80	2	4,106.94	2	3,731.63	2	3,353.77	2	2,975.91		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,786.65	1/4	4,455.67	1/4	4,099.28	1/4	3,723.75	1/4	3,345.90	1/4	2,968.04		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,779.98	1/2	4,448.55	1/2	4,091.61	1/2	3,715.88	1/2	3,338.03	1/2	2,960.17		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,773.32	3/4	4,441.43	3/4	4,083.95	3/4	3,708.01	3/4	3,330.15	3/4	2,952.30		
3	3	3	3	3	3	3	3	3	4,766.61	3	4,434.24	3	4,076.25	3	3,700.14	3	3,322.28	3	2,944.43		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,759.91	1/4	4,427.06	1/4	4,068.55	1/4	3,692.27	1/4	3,314.41	1/4	2,936.55		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,753.20	1/2	4,419.88	1/2	4,060.85	1/2	3,684.39	1/2	3,306.54	1/2	2,928.68		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,746.49	3/4	4,412.70	3/4	4,053.14	3/4	3,676.52	3/4	3,298.67	3/4	2,920.81		
4	4	4	4	4	4	4	4	4	4,739.75	4	4,405.44	4	4,045.41	4	3,668.65	4	3,290.79	4	2,912.94		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,733.01	1/4	4,398.17	1/4	4,037.67	1/4	3,660.78	1/4	3,282.92	1/4	2,905.07		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,726.26	1/2	4,390.91	1/2	4,029.93	1/2	3,652.91	1/2	3,275.05	1/2	2,897.19		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,719.52	3/4	4,383.65	3/4	4,022.19	3/4	3,645.03	3/4	3,267.18	3/4	2,889.32		
5	5	5	5	5	5	5	5	5	4,712.74	5	4,376.33	5	4,014.41	5	3,637.16	5	3,259.31	5	2,881.45		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,705.96	1/4	4,369.00	1/4	4,006.63	1/4	3,629.29	1/4	3,251.43	1/4	2,873.58		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,699.18	1/2	4,361.68	1/2	3,998.86	1/2	3,621.42	1/2	3,243.56	1/2	2,865.71		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,692.39	3/4	4,354.36	3/4	3,991.08	3/4	3,613.55	3/4	3,235.69	3/4	2,857.83		
6	6	6	6	6	6	6	6	6	4,685.58	6	4,347.00	6	3,983.26	6	3,605.67	6	3,227.82	6	2,849.96		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,678.76	1/4	4,339.64	1/4	3,975.45	1/4	3,597.80	1/4	3,219.95	1/4	2,842.09		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,671.94	1/2	4,332.28	1/2	3,967.63	1/2	3,589.93	1/2	3,212.07	1/2	2,834.22		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,665.12	3/4	4,324.92	3/4	3,959.82	3/4	3,582.06	3/4	3,204.20	3/4	2,826.35		
7	7	7	7	7	7	7	7	7	4,658.26	7	4,317.53	7	3,951.97	7	3,574.19	7	3,196.33	7	2,818.47		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,651.40	1/4	4,310.13	1/4	3,944.12	1/4	3,566.31	1/4	3,188.46	1/4	2,810.60		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,644.54	1/2	4,302.73	1/2	3,936.27	1/2	3,558.44	1/2	3,180.59	1/2	2,802.73		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,968.35	3/4	4,637.69	3/4	4,295.33	3/4	3,928.43	3/4	3,550.57	3/4	3,172.71	3/4	2,794.86
8	8	8	8	8	8	8	8	8	4,962.86	8	4,630.79	8	4,287.90	8	3,920.55	8	3,542.70	8	3,164.84	8	2,786.99
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,957.37	1/4	4,623.90	1/4	4,280.46	1/4	3,912.68	1/4	3,534.83	1/4	3,156.97	1/4	2,779.11
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,951.88	1/2	4,617.00	1/2	4,273.03	1/2	3,904.81	1/2	3,526.95	1/2	3,149.10	1/2	2,771.24
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,946.39	3/4	4,610.11	3/4	4,265.59	3/4	3,896.94	3/4	3,519.08	3/4	3,141.23	3/4	2,763.37
9	9	9	9	9	9	9	9	9	4,939.60	9	4,603.17	9	4,258.12	9	3,889.07	9	3,511.21	9	3,133.35	9	2,755.50
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,932.82	1/4	4,596.24	1/4	4,250.64	1/4	3,881.19	1/4	3,503.34	1/4	3,125.48	1/4	2,747.63
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,926.04	1/2	4,589.31	1/2	4,243.17	1/2	3,873.32	1/2	3,495.47	1/2	3,117.61	1/2	2,739.75
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,919.26	3/4	4,582.37	3/4	4,235.70	3/4	3,865.45	3/4	3,487.59	3/4	3,109.74	3/4	2,731.88
10	10	10	10	10	10	10	10	10	4,911.65	10	4,575.40	10	4,228.19	10	3,857.58	10	3,479.72	10	3,101.87	10	2,724.01
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,904.05	1/4	4,568.43	1/4	4,220.67	1/4	3,849.71	1/4	3,471.85	1/4	3,093.99	1/4	2,716.14
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,896.45	1/2	4,561.46	1/2	4,213.16	1/2	3,841.83	1/2	3,463.98	1/2	3,086.12	1/2	2,708.27
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,888.84	3/4	4,554.49	3/4	4,205.65	3/4	3,833.96	3/4	3,456.11	3/4	3,078.25	3/4	2,700.39
11	11	11	11	11	11	11	11	11	4,881.06	11	4,547.48	11	4,198.10	11	3,826.09	11	3,448.23	11	3,070.38	11	2,692.52
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,873.27	1/4	4,540.47	1/4	4,190.55	1/4	3,818.22	1/4	3,440.36	1/4	3,062.51	1/4	2,684.65
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,865.48	1/2	4,533.46	1/2	4,183.00	1/2	3,810.35	1/2	3,432.49	1/2	3,054.63	1/2	2,676.78
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,857.69	3/4	4,526.45	3/4	4,175.45	3/4	3,802.47	3/4	3,424.62	3/4	3,046.76	3/4	2,668.91

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'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 27766"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,661.03	0	2,283.18	0	1,905.32	0	1,527.45	0	1,150.50	0	774.85	0	406.12	0	77.18	0		0	
1/4	2,653.16	1/4	2,275.31	1/4	1,897.45	1/4	1,519.58	1/4	1,142.68	1/4	766.98	1/4	398.58	1/4	71.61	1/4		1/4	
1/2	2,645.29	1/2	2,267.43	1/2	1,889.57	1/2	1,511.70	1/2	1,134.87	1/2	759.11	1/2	391.04	1/2	66.04	1/2		1/2	
3/4	2,637.42	3/4	2,259.56	3/4	1,881.70	3/4	1,503.83	3/4	1,127.05	3/4	751.24	3/4	383.50	3/4	60.46	3/4		3/4	
1	2,629.55	1	2,251.69	1	1,873.83	1	1,495.97	1	1,119.24	1	743.36	1	376.08	1	54.57	1		1	
1/4	2,621.67	1/4	2,243.82	1/4	1,865.96	1/4	1,488.11	1/4	1,111.42	1/4	735.49	1/4	368.65	1/4	48.67	1/4		1/4	
1/2	2,613.80	1/2	2,235.95	1/2	1,858.08	1/2	1,480.25	1/2	1,103.61	1/2	727.62	1/2	361.22	1/2	42.77	1/2		1/2	
3/4	2,605.93	3/4	2,228.07	3/4	1,850.21	3/4	1,472.40	3/4	1,095.79	3/4	719.75	3/4	353.79	3/4	36.87	3/4		3/4	
2	2,598.06	2	2,220.20	2	1,842.34	2	1,464.55	2	1,087.98	2	711.87	2	346.46	2	31.47	2		2	
1/4	2,590.19	1/4	2,212.33	1/4	1,834.47	1/4	1,456.71	1/4	1,080.16	1/4	704.00	1/4	339.13	1/4	26.08	1/4		1/4	
1/2	2,582.31	1/2	2,204.46	1/2	1,826.59	1/2	1,448.86	1/2	1,072.35	1/2	696.13	1/2	331.80	1/2	20.68	1/2		1/2	
3/4	2,574.44	3/4	2,196.59	3/4	1,818.72	3/4	1,441.02	3/4	1,064.53	3/4	688.25	3/4	324.47	3/4	15.28	3/4		3/4	
3	2,566.57	3	2,188.71	3	1,810.85	3	1,433.17	3	1,056.72	3	680.38	3	317.23	3	11.91	3		3	
1/4	2,558.70	1/4	2,180.84	1/4	1,802.98	1/4	1,425.33	1/4	1,048.90	1/4	672.51	1/4	309.99	1/4	8.53	1/4		1/4	
1/2	2,550.83	1/2	2,172.97	1/2	1,795.11	1/2	1,417.48	1/2	1,041.09	1/2	664.64	1/2	302.75	1/2		1/2		1/2	
3/4	2,542.95	3/4	2,165.10	3/4	1,787.23	3/4	1,409.64	3/4	1,033.28	3/4	656.76	3/4	295.51	3/4		3/4		3/4	
4	2,535.08	4	2,157.23	4	1,779.36	4	1,401.79	4	1,025.46	4	648.89	4	288.37	4		4		4	
1/4	2,527.21	1/4	2,149.35	1/4	1,771.49	1/4	1,393.95	1/4	1,017.65	1/4	641.02	1/4	281.22	1/4		1/4		1/4	
1/2	2,519.34	1/2	2,141.48	1/2	1,763.62	1/2	1,386.10	1/2	1,009.83	1/2	633.15	1/2	274.08	1/2		1/2		1/2	
3/4	2,511.47	3/4	2,133.61	3/4	1,755.74	3/4	1,378.26	3/4	1,002.02	3/4	625.27	3/4	266.93	3/4		3/4		3/4	
5	2,503.59	5	2,125.74	5	1,747.87	5	1,370.41	5	994.20	5	617.40	5	259.89	5		5		5	
1/4	2,495.72	1/4	2,117.87	1/4	1,740.00	1/4	1,362.57	1/4	986.39	1/4	609.53	1/4	252.85	1/4		1/4		1/4	
1/2	2,487.85	1/2	2,109.99	1/2	1,732.13	1/2	1,354.72	1/2	978.57	1/2	601.66	1/2	245.81	1/2		1/2		1/2	
3/4	2,479.98	3/4	2,102.12	3/4	1,724.25	3/4	1,346.88	3/4	970.76	3/4	593.78	3/4	238.77	3/4		3/4		3/4	
6	2,472.11	6	2,094.25	6	1,716.38	6	1,339.03	6	962.94	6	585.91	6	231.83	6		6		6	
1/4	2,464.23	1/4	2,086.38	1/4	1,708.51	1/4	1,331.19	1/4	955.13	1/4	578.04	1/4	224.90	1/4		1/4		1/4	
1/2	2,456.36	1/2	2,078.51	1/2	1,700.64	1/2	1,323.34	1/2	947.31	1/2	570.16	1/2	217.96	1/2		1/2		1/2	
3/4	2,448.49	3/4	2,070.63	3/4	1,692.77	3/4	1,315.50	3/4	939.50	3/4	562.29	3/4	211.03	3/4		3/4		3/4	
7	2,440.62	7	2,062.76	7	1,684.89	7	1,307.64	7	931.68	7	554.42	7	204.20	7		7		7	
1/4	2,432.75	1/4	2,054.89	1/4	1,677.02	1/4	1,299.78	1/4	923.87	1/4	546.54	1/4	197.38	1/4		1/4		1/4	
1/2	2,424.87	1/2	2,047.02	1/2	1,669.15	1/2	1,291.92	1/2	916.05	1/2	538.67	1/2	190.55	1/2		1/2		1/2	
3/4	2,417.00	3/4	2,039.15	3/4	1,661.28	3/4	1,284.06	3/4	908.24	3/4	530.80	3/4	183.72	3/4		3/4		3/4	
8	2,409.13	8	2,031.27	8	1,653.40	8	1,276.19	8	900.42	8	523.16	8	177.02	8		8		8	
1/4	2,401.26	1/4	2,023.40	1/4	1,645.53	1/4	1,268.31	1/4	892.61	1/4	515.52	1/4	170.31	1/4		1/4		1/4	
1/2	2,393.39	1/2	2,015.53	1/2	1,637.66	1/2	1,260.44	1/2	884.79	1/2	507.88	1/2	163.61	1/2		1/2		1/2	
3/4	2,385.51	3/4	2,007.66	3/4	1,629.79	3/4	1,252.57	3/4	876.97	3/4	500.24	3/4	156.90	3/4		3/4		3/4	
9	2,377.64	9	1,999.79	9	1,621.91	9	1,244.69	9	869.14	9	493.09	9	150.31	9		9		9	
1/4	2,369.77	1/4	1,991.91	1/4	1,614.04	1/4	1,236.82	1/4	861.31	1/4	485.94	1/4	143.71	1/4		1/4		1/4	
1/2	2,361.90	1/2	1,984.04	1/2	1,606.17	1/2	1,228.95	1/2	853.48	1/2	478.79	1/2	137.12	1/2		1/2		1/2	
3/4	2,354.03	3/4	1,976.17	3/4	1,598.30	3/4	1,221.08	3/4	845.65	3/4	471.64	3/4	130.53	3/4		3/4		3/4	
10	2,346.15	10	1,968.30	10	1,590.43	10	1,213.22	10	837.79	10	464.57	10	124.27	10		10		10	
1/4	2,338.28	1/4	1,960.42	1/4	1,582.55	1/4	1,205.36	1/4	829.93	1/4	457.50	1/4	118.02	1/4		1/4		1/4	
1/2	2,330.41	1/2	1,952.55	1/2	1,574.68	1/2	1,197.50	1/2	822.07	1/2	450.43	1/2	111.76	1/2		1/2		1/2	
3/4	2,322.54	3/4	1,944.68	3/4	1,566.81	3/4	1,189.64	3/4	814.22	3/4	443.36	3/4	105.50	3/4		3/4		3/4	
11	2,314.67	11	1,936.81	11	1,558.94	11	1,181.81	11	806.34	11	435.93	11	99.81	11		11		11	
1/4	2,306.79	1/4	1,928.93	1/4	1,551.06	1/4	1,173.98	1/4	798.47	1/4	428.51	1/4	94.13	1/4		1/4		1/4	
1/2	2,298.92	1/2	1,921.06	1/2	1,543.19	1/2	1,166.15	1/2	790.60	1/2	421.08	1/2	88.44	1/2		1/2		1/2	
3/4	2,291.05	3/4	1,913.19	3/4	1,535.32	3/4	1,158.32	3/4	782.73	3/4	413.66	3/4	82.75	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/22/2011 CL - SW
CALCULATED: 06/23/2011 CL
REPRINTED: 07/05/2011 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2011

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



BARGE "KIRBY 27766"

1 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	4,858.04	0	4,526.85	0	4,175.93	0	3,803.06	0	3,425.28	0	3,047.51
1/4		1/4		1/4		1/4		1/4	4,850.55	1/4	4,519.81	1/4	4,168.34	1/4	3,795.19	1/4	3,417.41	1/4	3,039.64
1/2		1/2		1/2		1/2		1/2	4,843.05	1/2	4,512.76	1/2	4,160.75	1/2	3,787.32	1/2	3,409.54	1/2	3,031.77
3/4		3/4		3/4		3/4		3/4	4,835.55	3/4	4,505.71	3/4	4,153.17	3/4	3,779.45	3/4	3,401.67	3/4	3,023.90
1		1		1		1		1	4,828.06	1	4,498.67	1	4,145.58	1	3,771.58	1	3,393.80	1	3,016.03
1/4		1/4		1/4		1/4		1/4	4,821.13	1/4	4,491.58	1/4	4,137.96	1/4	3,763.71	1/4	3,385.93	1/4	3,008.16
1/2		1/2		1/2		1/2		1/2	4,814.20	1/2	4,484.50	1/2	4,130.34	1/2	3,755.84	1/2	3,378.06	1/2	3,000.29
3/4		3/4		3/4		3/4		3/4	4,807.27	3/4	4,477.42	3/4	4,122.71	3/4	3,747.97	3/4	3,370.19	3/4	2,992.42
2		2		2		2		2	4,800.35	2	4,470.33	2	4,115.09	2	3,740.10	2	3,362.32	2	2,984.55
1/4		1/4		1/4		1/4		1/4	4,793.68	1/4	4,463.21	1/4	4,107.43	1/4	3,732.23	1/4	3,354.45	1/4	2,976.68
1/2		1/2		1/2		1/2		1/2	4,787.01	1/2	4,456.09	1/2	4,099.77	1/2	3,724.36	1/2	3,346.58	1/2	2,968.81
3/4		3/4		3/4		3/4		3/4	4,780.35	3/4	4,448.97	3/4	4,092.10	3/4	3,716.49	3/4	3,338.71	3/4	2,960.94
3		3		3		3		3	4,773.68	3	4,441.85	3	4,084.44	3	3,708.62	3	3,330.84	3	2,953.07
1/4		1/4		1/4		1/4		1/4	4,766.98	1/4	4,434.66	1/4	4,076.74	1/4	3,700.74	1/4	3,322.97	1/4	2,945.20
1/2		1/2		1/2		1/2		1/2	4,760.27	1/2	4,427.48	1/2	4,069.04	1/2	3,692.87	1/2	3,315.10	1/2	2,937.33
3/4		3/4		3/4		3/4		3/4	4,753.57	3/4	4,420.30	3/4	4,061.34	3/4	3,685.00	3/4	3,307.23	3/4	2,929.46
4		4		4		4		4	4,746.86	4	4,413.12	4	4,053.64	4	3,677.13	4	3,299.36	4	2,921.59
1/4		1/4		1/4		1/4		1/4	4,740.12	1/4	4,405.86	1/4	4,045.91	1/4	3,669.26	1/4	3,291.49	1/4	2,913.71
1/2		1/2		1/2		1/2		1/2	4,733.38	1/2	4,398.60	1/2	4,038.17	1/2	3,661.39	1/2	3,283.62	1/2	2,905.84
3/4		3/4		3/4		3/4		3/4	4,726.63	3/4	4,391.34	3/4	4,030.43	3/4	3,653.52	3/4	3,275.75	3/4	2,897.97
5		5		5		5		5	4,719.89	5	4,384.08	5	4,022.69	5	3,645.65	5	3,267.88	5	2,890.10
1/4		1/4		1/4		1/4		1/4	4,713.11	1/4	4,376.76	1/4	4,014.92	1/4	3,637.78	1/4	3,260.01	1/4	2,882.23
1/2		1/2		1/2		1/2		1/2	4,706.33	1/2	4,369.44	1/2	4,007.14	1/2	3,629.91	1/2	3,252.14	1/2	2,874.36
3/4		3/4		3/4		3/4		3/4	4,699.55	3/4	4,362.12	3/4	3,999.37	3/4	3,622.04	3/4	3,244.27	3/4	2,866.49
6		6		6		6		6	4,692.77	6	4,354.80	6	3,991.59	6	3,614.17	6	3,236.40	6	2,858.62
1/4		1/4		1/4		1/4		1/4	4,685.95	1/4	4,347.44	1/4	3,983.78	1/4	3,606.30	1/4	3,228.53	1/4	2,850.75
1/2		1/2		1/2		1/2		1/2	4,679.13	1/2	4,340.08	1/2	3,975.97	1/2	3,598.43	1/2	3,220.66	1/2	2,842.88
3/4		3/4		3/4		3/4		3/4	4,672.32	3/4	4,332.72	3/4	3,968.15	3/4	3,590.56	3/4	3,212.79	3/4	2,835.01
7		7		7		7		7	4,665.50	7	4,325.36	7	3,960.34	7	3,582.69	7	3,204.92	7	2,827.14
1/4		1/4		1/4		1/4		1/4	4,658.64	1/4	4,317.97	1/4	3,952.49	1/4	3,574.82	1/4	3,197.05	1/4	2,819.27
1/2		1/2		1/2		1/2		1/2	4,651.78	1/2	4,310.57	1/2	3,944.65	1/2	3,566.95	1/2	3,189.18	1/2	2,811.40
3/4		3/4		3/4		3/4		3/4	4,644.93	3/4	4,303.18	3/4	3,936.80	3/4	3,559.08	3/4	3,181.31	3/4	2,803.53
8		8		8		8	4,968.67	8	4,638.07	8	4,295.78	8	3,928.95	8	3,551.21	8	3,173.43	8	2,795.66
1/4		1/4		1/4		1/4	4,963.18	1/4	4,631.18	1/4	4,288.35	1/4	3,921.09	1/4	3,543.34	1/4	3,165.56	1/4	2,787.79
1/2		1/2		1/2		1/2	4,957.69	1/2	4,624.28	1/2	4,280.91	1/2	3,913.23	1/2	3,535.47	1/2	3,157.69	1/2	2,779.92
3/4		3/4		3/4		3/4	4,952.20	3/4	4,617.39	3/4	4,273.48	3/4	3,905.36	3/4	3,527.60	3/4	3,149.82	3/4	2,772.05
9		9		9		9	4,946.71	9	4,610.49	9	4,266.04	9	3,897.50	9	3,519.73	9	3,141.95	9	2,764.18
1/4		1/4		1/4		1/4	4,939.93	1/4	4,603.56	1/4	4,258.57	1/4	3,889.63	1/4	3,511.86	1/4	3,134.08	1/4	2,756.31
1/2		1/2		1/2		1/2	4,933.15	1/2	4,596.63	1/2	4,251.10	1/2	3,881.76	1/2	3,503.99	1/2	3,126.21	1/2	2,748.44
3/4		3/4		3/4		3/4	4,926.37	3/4	4,589.70	3/4	4,243.63	3/4	3,873.89	3/4	3,496.12	3/4	3,118.34	3/4	2,740.57
10		10		10		10	4,919.59	10	4,582.77	10	4,236.16	10	3,866.02	10	3,488.25	10	3,110.47	10	2,732.70
1/4		1/4		1/4		1/4	4,911.99	1/4	4,575.80	1/4	4,228.65	1/4	3,858.15	1/4	3,480.38	1/4	3,102.60	1/4	2,724.83
1/2		1/2		1/2		1/2	4,904.39	1/2	4,568.83	1/2	4,221.14	1/2	3,850.28	1/2	3,472.51	1/2	3,094.73	1/2	2,716.96
3/4		3/4		3/4		3/4	4,896.79	3/4	4,561.86	3/4	4,213.63	3/4	3,842.41	3/4	3,464.64	3/4	3,086.86	3/4	2,709.09
11		11		11		11	4,889.19	11	4,554.89	11	4,206.12	11	3,834.54	11	3,456.77	11	3,078.99	11	2,701.22
1/4		1/4		1/4		1/4	4,881.40	1/4	4,547.88	1/4	4,198.57	1/4	3,826.67	1/4	3,448.90	1/4	3,071.12	1/4	2,693.35
1/2		1/2		1/2		1/2	4,873.61	1/2	4,540.87	1/2	4,191.02	1/2	3,818.80	1/2	3,441.03	1/2	3,063.25	1/2	2,685.48
3/4		3/4		3/4		3/4	4,865.83	3/4	4,533.86	3/4	4,183.47	3/4	3,810.93	3/4	3,433.15	3/4	3,055.38	3/4	2,677.61

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'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 27766"

1 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	2,669.74	0	2,291.96	0	1,914.19	0	1,536.40	0	1,159.31	0	782.59	0	413.60	0	82.75	0		0	
1/4	2,661.87	1/4	2,284.09	1/4	1,906.32	1/4	1,528.53	1/4	1,151.47	1/4	774.72	1/4	406.06	1/4	77.18	1/4		1/4	
1/2	2,653.99	1/2	2,276.22	1/2	1,898.44	1/2	1,520.66	1/2	1,143.62	1/2	766.85	1/2	398.53	1/2	71.60	1/2		1/2	
3/4	2,646.12	3/4	2,268.35	3/4	1,890.57	3/4	1,512.79	3/4	1,135.78	3/4	758.97	3/4	390.99	3/4	66.03	3/4		3/4	
1	2,638.25	1	2,260.48	1	1,882.70	1	1,504.92	1	1,127.94	1	751.10	1	383.45	1	60.46	1		1	
1/4	2,630.38	1/4	2,252.61	1/4	1,874.83	1/4	1,497.06	1/4	1,120.09	1/4	743.23	1/4	376.03	1/4	54.56	1/4		1/4	
1/2	2,622.51	1/2	2,244.74	1/2	1,866.96	1/2	1,489.21	1/2	1,112.25	1/2	735.36	1/2	368.60	1/2	48.67	1/2		1/2	
3/4	2,614.64	3/4	2,236.87	3/4	1,859.09	3/4	1,481.35	3/4	1,104.41	3/4	727.49	3/4	361.18	3/4	42.77	3/4		3/4	
2	2,606.77	2	2,229.00	2	1,851.22	2	1,473.49	2	1,096.57	2	719.62	2	353.75	2	36.87	2		2	
1/4	2,598.90	1/4	2,221.13	1/4	1,843.35	1/4	1,465.65	1/4	1,088.73	1/4	711.75	1/4	346.42	1/4	31.47	1/4		1/4	
1/2	2,591.03	1/2	2,213.26	1/2	1,835.48	1/2	1,457.81	1/2	1,080.88	1/2	703.88	1/2	339.09	1/2	26.08	1/2		1/2	
3/4	2,583.16	3/4	2,205.39	3/4	1,827.61	3/4	1,449.96	3/4	1,073.04	3/4	696.01	3/4	331.76	3/4	20.68	3/4		3/4	
3	2,575.29	3	2,197.52	3	1,819.74	3	1,442.12	3	1,065.20	3	688.14	3	324.43	3	15.29	3		3	
1/4	2,567.42	1/4	2,189.65	1/4	1,811.87	1/4	1,434.28	1/4	1,057.36	1/4	680.27	1/4	317.19	1/4	11.91	1/4		1/4	
1/2	2,559.55	1/2	2,181.78	1/2	1,804.00	1/2	1,426.43	1/2	1,049.52	1/2	672.40	1/2	309.95	1/2	8.54	1/2		1/2	
3/4	2,551.68	3/4	2,173.91	3/4	1,796.13	3/4	1,418.59	3/4	1,041.67	3/4	664.52	3/4	302.71	3/4		3/4		3/4	
4	2,543.81	4	2,166.04	4	1,788.26	4	1,410.75	4	1,033.83	4	656.65	4	295.48	4		4		4	
1/4	2,535.94	1/4	2,158.17	1/4	1,780.39	1/4	1,402.91	1/4	1,025.99	1/4	648.78	1/4	288.33	1/4		1/4		1/4	
1/2	2,528.07	1/2	2,150.30	1/2	1,772.52	1/2	1,395.06	1/2	1,018.15	1/2	640.91	1/2	281.19	1/2		1/2		1/2	
3/4	2,520.20	3/4	2,142.43	3/4	1,764.65	3/4	1,387.22	3/4	1,010.31	3/4	633.04	3/4	274.05	3/4		3/4		3/4	
5	2,512.33	5	2,134.56	5	1,756.78	5	1,379.38	5	1,002.46	5	625.17	5	266.90	5		5		5	
1/4	2,504.46	1/4	2,126.68	1/4	1,748.91	1/4	1,371.53	1/4	994.62	1/4	617.30	1/4	259.86	1/4		1/4		1/4	
1/2	2,496.59	1/2	2,118.81	1/2	1,741.03	1/2	1,363.69	1/2	986.78	1/2	609.43	1/2	252.83	1/2		1/2		1/2	
3/4	2,488.72	3/4	2,110.94	3/4	1,733.16	3/4	1,355.85	3/4	978.94	3/4	601.56	3/4	245.79	3/4		3/4		3/4	
6	2,480.85	6	2,103.07	6	1,725.29	6	1,348.00	6	971.10	6	593.69	6	238.75	6		6		6	
1/4	2,472.98	1/4	2,095.20	1/4	1,717.42	1/4	1,340.16	1/4	963.26	1/4	585.82	1/4	231.81	1/4		1/4		1/4	
1/2	2,465.11	1/2	2,087.33	1/2	1,709.55	1/2	1,332.31	1/2	955.41	1/2	577.94	1/2	224.88	1/2		1/2		1/2	
3/4	2,457.24	3/4	2,079.46	3/4	1,701.68	3/4	1,324.47	3/4	947.57	3/4	570.07	3/4	217.94	3/4		3/4		3/4	
7	2,449.37	7	2,071.59	7	1,693.81	7	1,316.63	7	939.73	7	562.20	7	211.01	7		7		7	
1/4	2,441.50	1/4	2,063.72	1/4	1,685.94	1/4	1,308.77	1/4	931.89	1/4	554.33	1/4	204.18	1/4		1/4		1/4	
1/2	2,433.63	1/2	2,055.85	1/2	1,678.07	1/2	1,300.91	1/2	924.05	1/2	546.46	1/2	197.36	1/2		1/2		1/2	
3/4	2,425.76	3/4	2,047.98	3/4	1,670.20	3/4	1,293.06	3/4	916.20	3/4	538.59	3/4	190.53	3/4		3/4		3/4	
8	2,417.89	8	2,040.11	8	1,662.33	8	1,285.20	8	908.36	8	530.72	8	183.71	8		8		8	
1/4	2,410.02	1/4	2,032.24	1/4	1,654.46	1/4	1,277.33	1/4	900.52	1/4	523.08	1/4	177.00	1/4		1/4		1/4	
1/2	2,402.15	1/2	2,024.37	1/2	1,646.59	1/2	1,269.46	1/2	892.67	1/2	515.44	1/2	170.30	1/2		1/2		1/2	
3/4	2,394.28	3/4	2,016.50	3/4	1,638.72	3/4	1,261.59	3/4	884.83	3/4	507.80	3/4	163.59	3/4		3/4		3/4	
9	2,386.40	9	2,008.63	9	1,630.85	9	1,253.71	9	876.99	9	500.16	9	156.89	9		9		9	
1/4	2,378.53	1/4	2,000.76	1/4	1,622.98	1/4	1,245.84	1/4	869.13	1/4	493.01	1/4	150.30	1/4		1/4		1/4	
1/2	2,370.66	1/2	1,992.89	1/2	1,615.11	1/2	1,237.97	1/2	861.27	1/2	485.87	1/2	143.70	1/2		1/2		1/2	
3/4	2,362.79	3/4	1,985.02	3/4	1,607.24	3/4	1,230.10	3/4	853.41	3/4	478.72	3/4	137.11	3/4		3/4		3/4	
10	2,354.92	10	1,977.15	10	1,599.37	10	1,222.23	10	845.55	10	471.57	10	130.52	10		10		10	
1/4	2,347.05	1/4	1,969.28	1/4	1,591.50	1/4	1,214.36	1/4	837.68	1/4	464.50	1/4	124.27	1/4		1/4		1/4	
1/2	2,339.18	1/2	1,961.41	1/2	1,583.62	1/2	1,206.49	1/2	829.81	1/2	457.43	1/2	118.01	1/2		1/2		1/2	
3/4	2,331.31	3/4	1,953.54	3/4	1,575.75	3/4	1,198.62	3/4	821.94	3/4	450.36	3/4	111.75	3/4		3/4		3/4	
11	2,323.44	11	1,945.67	11	1,567.88	11	1,190.75	11	814.07	11	443.29	11	105.50	11		11		11	
1/4	2,315.57	1/4	1,937.80	1/4	1,560.01	1/4	1,182.89	1/4	806.20	1/4	435.87	1/4	99.81	1/4		1/4		1/4	
1/2	2,307.70	1/2	1,929.93	1/2	1,552.14	1/2	1,175.03	1/2	798.33	1/2	428.45	1/2	94.12	1/2		1/2		1/2	
3/4	2,299.83	3/4	1,922.06	3/4	1,544.27	3/4	1,167.17	3/4	790.46	3/4	421.02	3/4	88.43	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/22/2011 CL - SW
CALCULATED: 06/23/2011 CL
REPRINTED: 07/05/2011 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2011

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



BARGE "KIRBY 27766"

2 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
									4,674.14		4,359.76		4,026.49		3,672.33		3,313.49		2,954.66
1/4		1/4		1/4		1/4		1/4	4,667.02	1/4	4,353.07	1/4	4,019.29	1/4	3,664.85	1/4	3,306.02	1/4	2,947.18
1/2		1/2		1/2		1/2		1/2	4,659.90	1/2	4,346.38	1/2	4,012.08	1/2	3,657.37	1/2	3,298.54	1/2	2,939.71
3/4		3/4		3/4		3/4		3/4	4,652.79	3/4	4,339.69	3/4	4,004.87	3/4	3,649.90	3/4	3,291.06	3/4	2,932.23
1	1	1	1	1	1	1	1	1	4,645.67	1	4,333.00	1	3,997.67	1	3,642.42	1	3,283.59	1	2,924.76
1/4		1/4		1/4		1/4		1/4	4,639.10	1/4	4,326.28	1/4	3,990.43	1/4	3,634.95	1/4	3,276.11	1/4	2,917.28
1/2		1/2		1/2		1/2		1/2	4,632.52	1/2	4,319.55	1/2	3,983.19	1/2	3,627.47	1/2	3,268.64	1/2	2,909.80
3/4		3/4		3/4		3/4		3/4	4,625.94	3/4	4,312.83	3/4	3,975.95	3/4	3,620.00	3/4	3,261.16	3/4	2,902.33
2	2	2	2	2	2	2	2	2	4,619.37	2	4,306.10	2	3,968.70	2	3,612.52	2	3,253.69	2	2,894.85
1/4		1/4		1/4		1/4		1/4	4,613.04	1/4	4,299.34	1/4	3,961.43	1/4	3,605.04	1/4	3,246.21	1/4	2,887.38
1/2		1/2		1/2		1/2		1/2	4,606.71	1/2	4,292.58	1/2	3,954.15	1/2	3,597.57	1/2	3,238.74	1/2	2,879.90
3/4		3/4		3/4		3/4		3/4	4,600.38	3/4	4,285.82	3/4	3,946.87	3/4	3,590.09	3/4	3,231.26	3/4	2,872.43
3	3	3	3	3	3	3	3	3	4,594.06	3	4,279.06	3	3,939.59	3	3,582.62	3	3,223.78	3	2,864.95
1/4		1/4		1/4		1/4		1/4	4,587.69	1/4	4,272.24	1/4	3,932.28	1/4	3,575.14	1/4	3,216.31	1/4	2,857.47
1/2		1/2		1/2		1/2		1/2	4,581.33	1/2	4,265.43	1/2	3,924.97	1/2	3,567.67	1/2	3,208.83	1/2	2,850.00
3/4		3/4		3/4		3/4		3/4	4,574.96	3/4	4,258.61	3/4	3,917.65	3/4	3,560.19	3/4	3,201.36	3/4	2,842.52
4	4	4	4	4	4	4	4	4	4,568.60	4	4,251.79	4	3,910.34	4	3,552.71	4	3,193.88	4	2,835.05
1/4		1/4		1/4		1/4		1/4	4,562.20	1/4	4,244.89	1/4	3,902.99	1/4	3,545.24	1/4	3,186.41	1/4	2,827.57
1/2		1/2		1/2		1/2		1/2	4,555.80	1/2	4,238.00	1/2	3,895.64	1/2	3,537.76	1/2	3,178.93	1/2	2,820.10
3/4		3/4		3/4		3/4		3/4	4,549.40	3/4	4,231.10	3/4	3,888.29	3/4	3,530.29	3/4	3,171.45	3/4	2,812.62
5	5	5	5	5	5	5	5	5	4,543.00	5	4,224.21	5	3,880.94	5	3,522.81	5	3,163.98	5	2,805.14
1/4		1/4		1/4		1/4		1/4	4,536.56	1/4	4,217.25	1/4	3,873.56	1/4	3,515.34	1/4	3,156.50	1/4	2,797.67
1/2		1/2		1/2		1/2		1/2	4,530.13	1/2	4,210.30	1/2	3,866.17	1/2	3,507.86	1/2	3,149.03	1/2	2,790.19
3/4		3/4		3/4		3/4		3/4	4,523.69	3/4	4,203.35	3/4	3,858.79	3/4	3,500.38	3/4	3,141.55	3/4	2,782.72
6	6	6	6	6	6	6	6	6	4,517.25	6	4,196.39	6	3,851.40	6	3,492.91	6	3,134.08	6	2,775.24
1/4		1/4		1/4		1/4		1/4	4,510.78	1/4	4,189.40	1/4	3,843.98	1/4	3,485.43	1/4	3,126.60	1/4	2,767.77
1/2		1/2		1/2		1/2		1/2	4,504.31	1/2	4,182.42	1/2	3,836.56	1/2	3,477.96	1/2	3,119.12	1/2	2,760.29
3/4		3/4		3/4		3/4		3/4	4,497.84	3/4	4,175.43	3/4	3,829.14	3/4	3,470.48	3/4	3,111.65	3/4	2,752.81
7	7	7	7	7	7	7	7	7	4,491.36	7	4,168.44	7	3,821.71	7	3,463.01	7	3,104.17	7	2,745.34
1/4		1/4		1/4		1/4		1/4	4,484.86	1/4	4,161.41	1/4	3,814.26	1/4	3,455.53	1/4	3,096.70	1/4	2,737.86
1/2		1/2		1/2		1/2		1/2	4,478.35	1/2	4,154.39	1/2	3,806.81	1/2	3,448.05	1/2	3,089.22	1/2	2,730.39
3/4		3/4		3/4		3/4		3/4	4,471.84	3/4	4,147.36	3/4	3,799.35	3/4	3,440.58	3/4	3,081.75	3/4	2,722.91
8	8	8	8	8	8	8	8	8	4,779.15	8	4,465.33	8	4,140.34	8	3,791.90	8	3,433.10	8	3,074.27
1/4		1/4		1/4		1/4		1/4	4,773.94	1/4	4,458.79	1/4	4,133.27	1/4	3,784.43	1/4	3,425.63	1/4	3,066.79
1/2		1/2		1/2		1/2		1/2	4,768.73	1/2	4,452.24	1/2	4,126.21	1/2	3,776.97	1/2	3,418.15	1/2	3,059.32
3/4		3/4		3/4		3/4		3/4	4,763.52	3/4	4,445.70	3/4	4,119.15	3/4	3,769.50	3/4	3,410.68	3/4	3,051.84
9	9	9	9	9	9	9	9	9	4,758.31	9	4,439.15	9	4,112.09	9	3,762.03	9	3,403.20	9	3,044.37
1/4		1/4		1/4		1/4		1/4	4,751.87	1/4	4,432.57	1/4	4,104.99	1/4	3,754.56	1/4	3,395.72	1/4	3,036.89
1/2		1/2		1/2		1/2		1/2	4,745.44	1/2	4,425.99	1/2	4,097.90	1/2	3,747.08	1/2	3,388.25	1/2	3,029.42
3/4		3/4		3/4		3/4		3/4	4,739.00	3/4	4,419.41	3/4	4,090.80	3/4	3,739.61	3/4	3,380.77	3/4	3,021.94
10	10	10	10	10	10	10	10	10	4,732.56	10	4,412.83	10	4,083.70	10	3,732.13	10	3,373.30	10	3,014.46
1/4		1/4		1/4		1/4		1/4	4,725.35	1/4	4,406.21	1/4	4,076.57	1/4	3,724.66	1/4	3,365.82	1/4	3,006.99
1/2		1/2		1/2		1/2		1/2	4,718.13	1/2	4,399.60	1/2	4,069.43	1/2	3,717.18	1/2	3,358.35	1/2	2,999.51
3/4		3/4		3/4		3/4		3/4	4,710.92	3/4	4,392.98	3/4	4,062.30	3/4	3,709.70	3/4	3,350.87	3/4	2,992.04
11	11	11	11	11	11	11	11	11	4,703.70	11	4,386.37	11	4,055.17	11	3,702.23	11	3,343.39	11	2,984.56
1/4		1/4		1/4		1/4		1/4	4,696.31	1/4	4,379.71	1/4	4,048.00	1/4	3,694.75	1/4	3,335.92	1/4	2,977.09
1/2		1/2		1/2		1/2		1/2	4,688.92	1/2	4,373.06	1/2	4,040.83	1/2	3,687.28	1/2	3,328.44	1/2	2,969.61
3/4		3/4		3/4		3/4		3/4	4,681.53	3/4	4,366.41	3/4	4,033.66	3/4	3,679.80	3/4	3,320.97	3/4	2,962.13

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'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 27766"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	2,595.82	0	2,236.99	0	1,878.15	0	1,519.31	0	1,166.20	0	822.27	0	470.50	0	116.02	0		0	
1/4	2,588.35	1/4	2,229.52	1/4	1,870.68	1/4	1,511.92	1/4	1,159.05	1/4	814.79	1/4	463.05	1/4	109.25	1/4		1/4	
1/2	2,580.87	1/2	2,222.04	1/2	1,863.20	1/2	1,504.53	1/2	1,151.90	1/2	807.32	1/2	455.59	1/2	102.47	1/2		1/2	
3/4	2,573.40	3/4	2,214.56	3/4	1,855.73	3/4	1,497.13	3/4	1,144.75	3/4	799.84	3/4	448.14	3/4	95.70	3/4		3/4	
1	2,565.92	1	2,207.09	1	1,848.25	1	1,489.74	1	1,137.61	1	792.36	1	440.69	1	88.93	1		1	
1/4	2,558.45	1/4	2,199.61	1/4	1,840.77	1/4	1,482.42	1/4	1,130.46	1/4	784.89	1/4	433.24	1/4	81.75	1/4		1/4	
1/2	2,550.97	1/2	2,192.14	1/2	1,833.30	1/2	1,475.11	1/2	1,123.31	1/2	777.41	1/2	425.79	1/2	74.57	1/2		1/2	
3/4	2,543.49	3/4	2,184.66	3/4	1,825.82	3/4	1,467.79	3/4	1,116.17	3/4	769.94	3/4	418.35	3/4	67.39	3/4		3/4	
2	2,536.02	2	2,177.19	2	1,818.35	2	1,460.48	2	1,109.02	2	762.46	2	410.90	2	60.21	2		2	
1/4	2,528.54	1/4	2,169.71	1/4	1,810.87	1/4	1,453.17	1/4	1,101.88	1/4	754.98	1/4	403.45	1/4	53.41	1/4		1/4	
1/2	2,521.07	1/2	2,162.23	1/2	1,803.40	1/2	1,445.85	1/2	1,094.73	1/2	747.51	1/2	395.99	1/2	46.60	1/2		1/2	
3/4	2,513.59	3/4	2,154.76	3/4	1,795.92	3/4	1,438.54	3/4	1,087.58	3/4	740.03	3/4	388.54	3/4	39.80	3/4		3/4	
3	2,506.12	3	2,147.28	3	1,788.44	3	1,431.22	3	1,080.44	3	732.56	3	381.09	3	33.00	3		3	
1/4	2,498.64	1/4	2,139.81	1/4	1,780.97	1/4	1,423.91	1/4	1,073.29	1/4	725.08	1/4	373.62	1/4	28.02	1/4		1/4	
1/2	2,491.17	1/2	2,132.33	1/2	1,773.49	1/2	1,416.60	1/2	1,066.15	1/2	717.60	1/2	366.15	1/2	23.04	1/2		1/2	
3/4	2,483.69	3/4	2,124.86	3/4	1,766.02	3/4	1,409.28	3/4	1,059.00	3/4	710.13	3/4	358.68	3/4		3/4		3/4	
4	2,476.21	4	2,117.38	4	1,758.54	4	1,401.97	4	1,051.85	4	702.65	4	351.21	4		4		4	
1/4	2,468.74	1/4	2,109.90	1/4	1,751.06	1/4	1,394.65	1/4	1,044.71	1/4	695.18	1/4	343.74	1/4		1/4		1/4	
1/2	2,461.26	1/2	2,102.43	1/2	1,743.59	1/2	1,387.34	1/2	1,037.56	1/2	687.70	1/2	336.26	1/2		1/2		1/2	
3/4	2,453.79	3/4	2,094.95	3/4	1,736.11	3/4	1,380.03	3/4	1,030.41	3/4	680.22	3/4	328.79	3/4		3/4		3/4	
5	2,446.31	5	2,087.48	5	1,728.64	5	1,372.71	5	1,023.27	5	672.75	5	321.31	5		5		5	
1/4	2,438.84	1/4	2,080.00	1/4	1,721.16	1/4	1,365.40	1/4	1,016.12	1/4	665.27	1/4	313.83	1/4		1/4		1/4	
1/2	2,431.36	1/2	2,072.53	1/2	1,713.69	1/2	1,358.08	1/2	1,008.98	1/2	657.79	1/2	306.36	1/2		1/2		1/2	
3/4	2,423.88	3/4	2,065.05	3/4	1,706.21	3/4	1,350.77	3/4	1,001.83	3/4	650.32	3/4	298.88	3/4		3/4		3/4	
6	2,416.41	6	2,057.57	6	1,698.73	6	1,343.45	6	994.68	6	642.84	6	291.41	6		6		6	
1/4	2,408.93	1/4	2,050.10	1/4	1,691.26	1/4	1,336.06	1/4	987.54	1/4	635.36	1/4	283.93	1/4		1/4		1/4	
1/2	2,401.46	1/2	2,042.62	1/2	1,683.78	1/2	1,328.66	1/2	980.39	1/2	627.89	1/2	276.46	1/2		1/2		1/2	
3/4	2,393.98	3/4	2,035.15	3/4	1,676.31	3/4	1,321.27	3/4	973.25	3/4	620.41	3/4	268.98	3/4		3/4		3/4	
7	2,386.51	7	2,027.67	7	1,668.83	7	1,313.87	7	966.10	7	612.93	7	261.51	7		7		7	
1/4	2,379.03	1/4	2,020.20	1/4	1,661.36	1/4	1,306.40	1/4	958.95	1/4	605.46	1/4	254.04	1/4		1/4		1/4	
1/2	2,371.55	1/2	2,012.72	1/2	1,653.88	1/2	1,298.92	1/2	951.81	1/2	597.98	1/2	246.57	1/2		1/2		1/2	
3/4	2,364.08	3/4	2,005.24	3/4	1,646.40	3/4	1,291.44	3/4	944.66	3/4	590.50	3/4	239.10	3/4		3/4		3/4	
8	2,356.60	8	1,997.77	8	1,638.93	8	1,283.97	8	937.52	8	583.03	8	231.63	8		8		8	
1/4	2,349.13	1/4	1,990.29	1/4	1,631.45	1/4	1,276.49	1/4	930.37	1/4	575.77	1/4	224.18	1/4		1/4		1/4	
1/2	2,341.65	1/2	1,982.82	1/2	1,623.98	1/2	1,269.01	1/2	923.22	1/2	568.52	1/2	216.73	1/2		1/2		1/2	
3/4	2,334.18	3/4	1,975.34	3/4	1,616.50	3/4	1,261.54	3/4	916.07	3/4	561.26	3/4	209.27	3/4		3/4		3/4	
9	2,326.70	9	1,967.86	9	1,609.02	9	1,254.06	9	908.92	9	554.01	9	201.82	9		9		9	
1/4	2,319.22	1/4	1,960.39	1/4	1,601.55	1/4	1,246.58	1/4	901.76	1/4	547.19	1/4	194.38	1/4		1/4		1/4	
1/2	2,311.75	1/2	1,952.91	1/2	1,594.07	1/2	1,239.11	1/2	894.60	1/2	540.38	1/2	186.93	1/2		1/2		1/2	
3/4	2,304.27	3/4	1,945.44	3/4	1,586.60	3/4	1,231.63	3/4	887.44	3/4	533.56	3/4	179.49	3/4		3/4		3/4	
10	2,296.80	10	1,937.96	10	1,579.12	10	1,224.15	10	880.27	10	526.75	10	172.05	10		10		10	
1/4	2,289.32	1/4	1,930.48	1/4	1,571.65	1/4	1,216.83	1/4	873.10	1/4	519.94	1/4	164.82	1/4		1/4		1/4	
1/2	2,281.85	1/2	1,923.01	1/2	1,564.17	1/2	1,209.50	1/2	865.92	1/2	513.12	1/2	157.60	1/2		1/2		1/2	
3/4	2,274.37	3/4	1,915.53	3/4	1,556.69	3/4	1,202.18	3/4	858.75	3/4	506.31	3/4	150.38	3/4		3/4		3/4	
11	2,266.89	11	1,908.06	11	1,549.22	11	1,194.85	11	851.57	11	499.49	11	143.15	11		11		11	
1/4	2,259.42	1/4	1,900.58	1/4	1,541.74	1/4	1,187.69	1/4	844.25	1/4	492.25	1/4	136.37	1/4		1/4		1/4	
1/2	2,251.94	1/2	1,893.10	1/2	1,534.27	1/2	1,180.52	1/2	836.92	1/2	485.00	1/2	129.59	1/2		1/2		1/2	
3/4	2,244.47	3/4	1,885.63	3/4	1,526.79	3/4	1,173.36	3/4	829.59	3/4	477.75	3/4	122.80	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/22/2011 CL - SW
CALCULATED: 06/23/2011 CL
REPRINTED: 07/05/2011 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2011

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 27766"

2 STBD 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	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
									4,698.83		4,383.63		4,050.78		3,696.77		3,337.81		2,978.85		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,691.44	1/4	4,376.97	1/4	4,043.61	1/4	3,689.29	1/4	3,330.33	1/4	2,971.37		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,684.32	1/2	4,370.28	1/2	4,036.40	1/2	3,681.81	1/2	3,322.85	1/2	2,963.89		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,677.20	3/4	4,363.59	3/4	4,029.19	3/4	3,674.33	3/4	3,315.37	3/4	2,956.41		
1	1	1	1	1	1	1	1	1	4,670.08	1	4,356.90	1	4,021.98	1	3,666.85	1	3,307.90	1	2,948.94		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,662.96	1/4	4,350.21	1/4	4,014.78	1/4	3,659.38	1/4	3,300.42	1/4	2,941.46		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,656.39	1/2	4,343.49	1/2	4,007.53	1/2	3,651.90	1/2	3,292.94	1/2	2,933.98		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,649.81	3/4	4,336.76	3/4	4,000.29	3/4	3,644.42	3/4	3,285.46	3/4	2,926.50		
2	2	2	2	2	2	2	2	2	4,643.23	2	4,330.03	2	3,993.04	2	3,636.94	2	3,277.98	2	2,919.02		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,636.65	1/4	4,323.31	1/4	3,985.80	1/4	3,629.46	1/4	3,270.50	1/4	2,911.55		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,630.32	1/2	4,316.54	1/2	3,978.52	1/2	3,621.98	1/2	3,263.03	1/2	2,904.07		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,623.99	3/4	4,309.78	3/4	3,971.24	3/4	3,614.51	3/4	3,255.55	3/4	2,896.59		
3	3	3	3	3	3	3	3	3	4,617.66	3	4,303.02	3	3,963.96	3	3,607.03	3	3,248.07	3	2,889.11		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,611.33	1/4	4,296.26	1/4	3,956.68	1/4	3,599.55	1/4	3,240.59	1/4	2,881.63		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,604.97	1/2	4,289.44	1/2	3,949.36	1/2	3,592.07	1/2	3,233.11	1/2	2,874.15		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,598.60	3/4	4,282.62	3/4	3,942.05	3/4	3,584.59	3/4	3,225.63	3/4	2,866.68		
4	4	4	4	4	4	4	4	4	4,592.24	4	4,275.80	4	3,934.73	4	3,577.11	4	3,218.16	4	2,859.20		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,585.87	1/4	4,268.98	1/4	3,927.42	1/4	3,569.64	1/4	3,210.68	1/4	2,851.72		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,579.47	1/2	4,262.08	1/2	3,920.06	1/2	3,562.16	1/2	3,203.20	1/2	2,844.24		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,573.07	3/4	4,255.18	3/4	3,912.71	3/4	3,554.68	3/4	3,195.72	3/4	2,836.76		
5	5	5	5	5	5	5	5	5	4,566.67	5	4,248.28	5	3,905.36	5	3,547.20	5	3,188.24	5	2,829.28		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,560.26	1/4	4,241.39	1/4	3,898.01	1/4	3,539.72	1/4	3,180.76	1/4	2,821.81		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,553.83	1/2	4,234.43	1/2	3,890.62	1/2	3,532.24	1/2	3,173.29	1/2	2,814.33		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,547.39	3/4	4,227.47	3/4	3,883.23	3/4	3,524.77	3/4	3,165.81	3/4	2,806.85		
6	6	6	6	6	6	6	6	6	4,540.95	6	4,220.52	6	3,875.84	6	3,517.29	6	3,158.33	6	2,799.37		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,534.51	1/4	4,213.56	1/4	3,868.46	1/4	3,509.81	1/4	3,150.85	1/4	2,791.89		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,528.04	1/2	4,206.57	1/2	3,861.03	1/2	3,502.33	1/2	3,143.37	1/2	2,784.41		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,521.56	3/4	4,199.58	3/4	3,853.61	3/4	3,494.85	3/4	3,135.89	3/4	2,776.94		
7	7	7	7	7	7	7	7	7	4,515.09	7	4,192.59	7	3,846.18	7	3,487.37	7	3,128.42	7	2,769.46		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,508.62	1/4	4,185.60	1/4	3,838.76	1/4	3,479.90	1/4	3,120.94	1/4	2,761.98		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,502.11	1/2	4,178.57	1/2	3,831.30	1/2	3,472.42	1/2	3,113.46	1/2	2,754.50		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,495.60	3/4	4,171.54	3/4	3,823.85	3/4	3,464.94	3/4	3,105.98	3/4	2,747.02		
8	8	8	8	8	8	8	8	8	4,489.09	8	4,164.52	8	3,816.39	8	3,457.46	8	3,098.50	8	2,739.54		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,796.50	1/4	4,482.58	1/4	4,157.49	1/4	3,808.93	1/4	3,449.98	1/4	3,091.02	1/4	2,732.07
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,791.29	1/2	4,476.03	1/2	4,150.43	1/2	3,801.46	1/2	3,442.50	1/2	3,083.55	1/2	2,724.59
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,786.08	3/4	4,469.48	3/4	4,143.36	3/4	3,793.98	3/4	3,435.03	3/4	3,076.07	3/4	2,717.11
9	9	9	9	9	9	9	9	9	4,780.86	9	4,462.94	9	4,136.30	9	3,786.50	9	3,427.55	9	3,068.59	9	2,709.63
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,775.65	1/4	4,456.39	1/4	4,129.23	1/4	3,779.03	1/4	3,420.07	1/4	3,061.11	1/4	2,702.15
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,769.21	1/2	4,449.81	1/2	4,122.14	1/2	3,771.55	1/2	3,412.59	1/2	3,053.63	1/2	2,694.67
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,762.77	3/4	4,443.23	3/4	4,115.04	3/4	3,764.07	3/4	3,405.11	3/4	3,046.15	3/4	2,687.20
10	10	10	10	10	10	10	10	10	4,756.33	10	4,436.65	10	4,107.94	10	3,756.59	10	3,397.63	10	3,038.68	10	2,679.72
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,749.89	1/4	4,430.06	1/4	4,100.84	1/4	3,749.11	1/4	3,390.16	1/4	3,031.20	1/4	2,672.24
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,742.67	1/2	4,423.45	1/2	4,093.70	1/2	3,741.64	1/2	3,382.68	1/2	3,023.72	1/2	2,664.76
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,735.45	3/4	4,416.83	3/4	4,086.56	3/4	3,734.16	3/4	3,375.20	3/4	3,016.24	3/4	2,657.28
11	11	11	11	11	11	11	11	11	4,728.23	11	4,410.21	11	4,079.43	11	3,726.68	11	3,367.72	11	3,008.76	11	2,649.80
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,721.01	1/4	4,403.59	1/4	4,072.29	1/4	3,719.20	1/4	3,360.24	1/4	3,001.28	1/4	2,642.33
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,713.62	1/2	4,396.94	1/2	4,065.12	1/2	3,711.72	1/2	3,352.76	1/2	2,993.81	1/2	2,634.85
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,706.23	3/4	4,390.28	3/4	4,057.95	3/4	3,704.25	3/4	3,345.29	3/4	2,986.33	3/4	2,627.37

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'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 27766"

2 STBD 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	2,619.89	0	2,260.93	0	1,901.97	0	1,543.00	0	1,187.94	0	830.04	0	477.92	0	122.84	0		0	
1/4	2,612.41	1/4	2,253.45	1/4	1,894.49	1/4	1,535.52	1/4	1,180.47	1/4	822.56	1/4	470.67	1/4	116.06	1/4		1/4	
1/2	2,604.93	1/2	2,245.98	1/2	1,887.01	1/2	1,528.12	1/2	1,173.02	1/2	815.08	1/2	463.21	1/2	109.28	1/2		1/2	
3/4	2,597.46	3/4	2,238.50	3/4	1,879.53	3/4	1,520.73	3/4	1,165.57	3/4	807.60	3/4	455.75	3/4	102.51	3/4		3/4	
1	2,589.98	1	2,231.02	1	1,872.05	1	1,513.33	1	1,158.12	1	800.12	1	448.30	1	95.74	1		1	
1/4	2,582.50	1/4	2,223.54	1/4	1,864.57	1/4	1,505.93	1/4	1,150.66	1/4	792.64	1/4	440.84	1/4	88.96	1/4		1/4	
1/2	2,575.02	1/2	2,216.06	1/2	1,857.10	1/2	1,498.62	1/2	1,143.21	1/2	785.17	1/2	433.39	1/2	81.78	1/2		1/2	
3/4	2,567.54	3/4	2,208.58	3/4	1,849.62	3/4	1,491.30	3/4	1,135.76	3/4	777.69	3/4	425.94	3/4	74.60	3/4		3/4	
2	2,560.07	2	2,201.11	2	1,842.14	2	1,483.98	2	1,128.31	2	770.21	2	418.49	2	67.41	2		2	
1/4	2,552.59	1/4	2,193.63	1/4	1,834.66	1/4	1,476.67	1/4	1,120.86	1/4	762.73	1/4	411.05	1/4	60.23	1/4		1/4	
1/2	2,545.11	1/2	2,186.15	1/2	1,827.18	1/2	1,469.35	1/2	1,113.41	1/2	755.25	1/2	403.59	1/2	53.43	1/2		1/2	
3/4	2,537.63	3/4	2,178.67	3/4	1,819.70	3/4	1,462.03	3/4	1,105.96	3/4	747.77	3/4	396.13	3/4	46.62	3/4		3/4	
3	2,530.15	3	2,171.19	3	1,812.23	3	1,454.72	3	1,098.51	3	740.29	3	388.68	3	39.82	3		3	
1/4	2,522.67	1/4	2,163.72	1/4	1,804.75	1/4	1,447.40	1/4	1,091.06	1/4	732.81	1/4	381.22	1/4	33.01	1/4		1/4	
1/2	2,515.20	1/2	2,156.24	1/2	1,797.27	1/2	1,440.08	1/2	1,083.61	1/2	725.33	1/2	373.75	1/2	28.03	1/2		1/2	
3/4	2,507.72	3/4	2,148.76	3/4	1,789.79	3/4	1,432.77	3/4	1,076.16	3/4	717.86	3/4	366.28	3/4	23.04	3/4		3/4	
4	2,500.24	4	2,141.28	4	1,782.31	4	1,425.45	4	1,068.71	4	710.38	4	358.81	4		4		4	
1/4	2,492.76	1/4	2,133.80	1/4	1,774.83	1/4	1,418.13	1/4	1,061.26	1/4	702.90	1/4	351.34	1/4		1/4		1/4	
1/2	2,485.28	1/2	2,126.32	1/2	1,767.35	1/2	1,410.82	1/2	1,053.81	1/2	695.42	1/2	343.86	1/2		1/2		1/2	
3/4	2,477.80	3/4	2,118.85	3/4	1,759.88	3/4	1,403.50	3/4	1,046.36	3/4	687.94	3/4	336.38	3/4		3/4		3/4	
5	2,470.33	5	2,111.37	5	1,752.40	5	1,396.18	5	1,038.91	5	680.46	5	328.90	5		5		5	
1/4	2,462.85	1/4	2,103.89	1/4	1,744.92	1/4	1,388.87	1/4	1,031.46	1/4	672.98	1/4	321.42	1/4		1/4		1/4	
1/2	2,455.37	1/2	2,096.41	1/2	1,737.44	1/2	1,381.55	1/2	1,024.01	1/2	665.50	1/2	313.95	1/2		1/2		1/2	
3/4	2,447.89	3/4	2,088.93	3/4	1,729.96	3/4	1,374.23	3/4	1,016.56	3/4	658.02	3/4	306.47	3/4		3/4		3/4	
6	2,440.41	6	2,081.45	6	1,722.48	6	1,366.92	6	1,009.11	6	650.54	6	298.99	6		6		6	
1/4	2,432.93	1/4	2,073.98	1/4	1,715.00	1/4	1,359.60	1/4	1,001.66	1/4	643.07	1/4	291.51	1/4		1/4		1/4	
1/2	2,425.46	1/2	2,066.50	1/2	1,707.53	1/2	1,352.20	1/2	994.21	1/2	635.59	1/2	284.03	1/2		1/2		1/2	
3/4	2,417.98	3/4	2,059.02	3/4	1,700.05	3/4	1,344.80	3/4	986.76	3/4	628.11	3/4	276.55	3/4		3/4		3/4	
7	2,410.50	7	2,051.54	7	1,692.57	7	1,337.40	7	979.31	7	620.63	7	269.08	7		7		7	
1/4	2,403.02	1/4	2,044.06	1/4	1,685.09	1/4	1,330.01	1/4	971.86	1/4	613.15	1/4	261.60	1/4		1/4		1/4	
1/2	2,395.54	1/2	2,036.58	1/2	1,677.61	1/2	1,322.53	1/2	964.41	1/2	605.67	1/2	254.13	1/2		1/2		1/2	
3/4	2,388.06	3/4	2,029.11	3/4	1,670.13	3/4	1,315.05	3/4	956.96	3/4	598.19	3/4	246.66	3/4		3/4		3/4	
8	2,380.59	8	2,021.63	8	1,662.66	8	1,307.57	8	949.51	8	590.71	8	239.19	8		8		8	
1/4	2,373.11	1/4	2,014.15	1/4	1,655.18	1/4	1,300.09	1/4	942.06	1/4	583.23	1/4	231.71	1/4		1/4		1/4	
1/2	2,365.63	1/2	2,006.67	1/2	1,647.70	1/2	1,292.61	1/2	934.61	1/2	575.97	1/2	224.26	1/2		1/2		1/2	
3/4	2,358.15	3/4	1,999.19	3/4	1,640.22	3/4	1,285.13	3/4	927.16	3/4	568.71	3/4	216.80	3/4		3/4		3/4	
9	2,350.67	9	1,991.71	9	1,632.74	9	1,277.65	9	919.71	9	561.46	9	209.35	9		9		9	
1/4	2,343.19	1/4	1,984.23	1/4	1,625.26	1/4	1,270.17	1/4	912.26	1/4	554.20	1/4	201.89	1/4		1/4		1/4	
1/2	2,335.72	1/2	1,976.75	1/2	1,617.78	1/2	1,262.69	1/2	904.79	1/2	547.38	1/2	194.44	1/2		1/2		1/2	
3/4	2,328.24	3/4	1,969.27	3/4	1,610.31	3/4	1,255.21	3/4	897.32	3/4	540.57	3/4	187.00	3/4		3/4		3/4	
10	2,320.76	10	1,961.80	10	1,602.83	10	1,247.73	10	889.86	10	533.75	10	179.55	10		10		10	
1/4	2,313.28	1/4	1,954.32	1/4	1,595.35	1/4	1,240.26	1/4	882.39	1/4	526.93	1/4	172.10	1/4		1/4		1/4	
1/2	2,305.80	1/2	1,946.84	1/2	1,587.87	1/2	1,232.78	1/2	874.91	1/2	520.12	1/2	164.88	1/2		1/2		1/2	
3/4	2,298.32	3/4	1,939.36	3/4	1,580.39	3/4	1,225.30	3/4	867.43	3/4	513.30	3/4	157.65	3/4		3/4		3/4	
11	2,290.85	11	1,931.88	11	1,572.91	11	1,217.82	11	859.95	11	506.49	11	150.43	11		11		11	
1/4	2,283.37	1/4	1,924.40	1/4	1,565.43	1/4	1,210.34	1/4	852.48	1/4	499.67	1/4	143.20	1/4		1/4		1/4	
1/2	2,275.89	1/2	1,916.92	1/2	1,557.96	1/2	1,202.87	1/2	845.00	1/2	492.42	1/2	136.42	1/2		1/2		1/2	
3/4	2,268.41	3/4	1,909.45	3/4	1,550.48	3/4	1,195.41	3/4	837.52	3/4	485.17	3/4	129.63	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/22/2011 CL - SW
CALCULATED: 06/23/2011 CL
REPRINTED: 07/05/2011 SW

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BARGE "KIRBY 27766"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02"

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	3,971.01	0	0	3,805.00	0	0	3,627.64	0	0	3,438.49	0	0	3,198.56	0	0	2,842.23	0	0
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	3,967.10	1/4	1/4	3,801.47	1/4	1/4	3,623.80	1/4	1/4	3,434.50	1/4	1/4	3,191.12	1/4	1/4	2,834.81	1/4	1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	3,963.19	1/2	1/2	3,797.95	1/2	1/2	3,619.96	1/2	1/2	3,430.51	1/2	1/2	3,183.68	1/2	1/2	2,827.39	1/2	1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3,959.58	3/4	3/4	3,794.41	3/4	3/4	3,616.11	3/4	3/4	3,426.51	3/4	3/4	3,176.24	3/4	3/4	2,819.97	3/4	3/4
1		1	1		1	1		1	1		1	3,955.96	1	1	3,790.86	1	1	3,612.25	1	1	3,422.52	1	1	3,168.80	1	1	2,812.56	1	1
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	3,952.35	1/4	1/4	3,787.32	1/4	1/4	3,608.39	1/4	1/4	3,418.53	1/4	1/4	3,161.35	1/4	1/4	2,805.14	1/4	1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	3,948.73	1/2	1/2	3,783.78	1/2	1/2	3,604.53	1/2	1/2	3,414.54	1/2	1/2	3,153.91	1/2	1/2	2,797.72	1/2	1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3,945.40	3/4	3/4	3,780.22	3/4	3/4	3,600.66	3/4	3/4	3,410.54	3/4	3/4	3,146.47	3/4	3/4	2,790.30	3/4	3/4
2		2	2		2	2		2	2		2	3,942.07	2	2	3,776.66	2	2	3,596.78	2	2	3,406.55	2	2	3,139.03	2	2	2,782.88	2	2
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	3,938.74	1/4	1/4	3,773.09	1/4	1/4	3,592.90	1/4	1/4	3,402.56	1/4	1/4	3,131.59	1/4	1/4	2,775.46	1/4	1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	3,935.41	1/2	1/2	3,769.53	1/2	1/2	3,589.03	1/2	1/2	3,398.57	1/2	1/2	3,124.14	1/2	1/2	2,768.04	1/2	1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3,932.06	3/4	3/4	3,765.95	3/4	3/4	3,585.13	3/4	3/4	3,394.57	3/4	3/4	3,116.73	3/4	3/4	2,760.62	3/4	3/4
3		3	3		3	3		3	3		3	3,928.71	3	3	3,762.37	3	3	3,581.23	3	3	3,390.58	3	3	3,109.31	3	3	2,753.20	3	3
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	3,925.36	1/4	1/4	3,758.79	1/4	1/4	3,577.34	1/4	1/4	3,386.59	1/4	1/4	3,101.89	1/4	1/4	2,745.79	1/4	1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	3,922.01	1/2	1/2	3,755.21	1/2	1/2	3,573.44	1/2	1/2	3,382.60	1/2	1/2	3,094.47	1/2	1/2	2,738.37	1/2	1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3,918.64	3/4	3/4	3,751.57	3/4	3/4	3,569.53	3/4	3/4	3,378.60	3/4	3/4	3,087.05	3/4	3/4	2,730.95	3/4	3/4
4		4	4		4	4		4	4		4	3,915.27	4	4	3,747.92	4	4	3,565.61	4	4	3,374.61	4	4	3,079.63	4	4	2,723.53	4	4
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	3,911.90	1/4	1/4	3,744.28	1/4	1/4	3,561.69	1/4	1/4	3,370.62	1/4	1/4	3,072.21	1/4	1/4	2,716.11	1/4	1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	3,908.53	1/2	1/2	3,740.64	1/2	1/2	3,557.78	1/2	1/2	3,366.63	1/2	1/2	3,064.79	1/2	1/2	2,708.69	1/2	1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3,905.15	3/4	3/4	3,736.94	3/4	3/4	3,553.84	3/4	3/4	3,362.63	3/4	3/4	3,057.38	3/4	3/4	2,701.27	3/4	3/4
5		5	5		5	5		5	5		5	3,901.76	5	5	3,733.23	5	5	3,549.91	5	5	3,358.64	5	5	3,049.96	5	5	2,693.85	5	5
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	3,898.37	1/4	1/4	3,729.53	1/4	1/4	3,545.97	1/4	1/4	3,354.65	1/4	1/4	3,042.54	1/4	1/4	2,686.44	1/4	1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	3,894.98	1/2	1/2	3,725.82	1/2	1/2	3,542.04	1/2	1/2	3,350.66	1/2	1/2	3,035.12	1/2	1/2	2,679.02	1/2	1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3,891.57	3/4	3/4	3,722.10	3/4	3/4	3,538.09	3/4	3/4	3,346.66	3/4	3/4	3,027.70	3/4	3/4	2,671.60	3/4	3/4
6		6	6		6	6		6	6		6	3,888.16	6	6	3,718.38	6	6	3,534.13	6	6	3,342.67	6	6	3,020.28	6	6	2,664.18	6	6
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	3,884.76	1/4	1/4	3,714.66	1/4	1/4	3,530.18	1/4	1/4	3,338.68	1/4	1/4	3,012.86	1/4	1/4	2,656.76	1/4	1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	3,881.35	1/2	1/2	3,710.93	1/2	1/2	3,526.22	1/2	1/2	3,334.69	1/2	1/2	3,005.44	1/2	1/2	2,649.34	1/2	1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3,877.92	3/4	3/4	3,707.19	3/4	3/4	3,522.25	3/4	3/4	3,330.69	3/4	3/4	2,998.03	3/4	3/4	2,641.92	3/4	3/4
7		7	7		7	7		7	7		7	3,874.50	7	7	3,703.45	7	7	3,518.28	7	7	3,326.70	7	7	2,990.61	7	7	2,634.50	7	7
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	3,871.07	1/4	1/4	3,699.71	1/4	1/4	3,514.30	1/4	1/4	3,322.71	1/4	1/4	2,983.19	1/4	1/4	2,627.09	1/4	1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	3,867.64	1/2	1/2	3,695.96	1/2	1/2	3,510.33	1/2	1/2	3,318.72	1/2	1/2	2,975.77	1/2	1/2	2,619.67	1/2	1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3,864.20	3/4	3/4	3,692.20	3/4	3/4	3,506.35	3/4	3/4	3,314.72	3/4	3/4	2,968.35	3/4	3/4	2,612.25	3/4	3/4
8		8	8		8	8		8	8		8	3,860.75	8	8	3,688.44	8	8	3,502.36	8	8	3,310.73	8	8	2,960.93	8	8	2,604.83	8	8
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	3,857.30	1/4	1/4	3,684.68	1/4	1/4	3,498.37	1/4	1/4	3,306.74	1/4	1/4	2,953.51	1/4	1/4	2,597.41	1/4	1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,018.12	1/2	1/2	3,853.86	1/2	1/2	3,680.92	1/2	1/2	3,494.39	1/2	1/2	3,302.75	1/2	1/2	2,946.09	1/2	1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,015.76	3/4	3/4	3,850.39	3/4	3/4	3,677.14	3/4	3/4	3,490.39	3/4	3/4	3,295.30	3/4	3/4	2,938.67	3/4	3/4
9		9	9		9	9		9	9		9	3,846.93	9	9	3,673.36	9	9	3,486.40	9	9	3,287.86	9	9	2,931.26	9	9	2,575.15	9	9
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,011.05	1/4	1/4	3,843.46	1/4	1/4	3,669.58	1/4	1/4	3,482.41	1/4	1/4	2,923.84	1/4	1/4	2,567.73	1/4	1/4
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,008.69	1/2	1/2	3,840.00	1/2	1/2	3,665.79	1/2	1/2	3,478.42	1/2	1/2	2,916.42	1/2	1/2	2,560.32	1/2	1/2
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,005.13	3/4	3/4	3,836.51	3/4	3/4	3,661.99	3/4	3/4	3,474.42	3/4	3/4	2,909.00	3/4	3/4	2,552.90	3/4	3/4
10		10	10		10	10		10	10		10	4,001.57	10	10	3,833.03	10	10	3,658.20	10	10	3,470.43	10	10	2,901.58	10	10	2,545.48	10	10
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4																		



BARGE "KIRBY 27766"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	2,478.71	1/4	2,122.61	1/4	1,766.50	1/4	1,410.83	1/4	1,060.60	1/4	715.45	1/4	370.60	1/4	54.86	1/4		1/4	
1/2	2,471.29	1/2	2,115.19	1/2	1,759.08	1/2	1,403.43	1/2	1,053.41	1/2	708.23	1/2	363.19	1/2	52.68	1/2		1/2	
3/4	2,463.87	3/4	2,107.77	3/4	1,751.66	3/4	1,396.20	3/4	1,046.23	3/4	701.02	3/4	355.80	3/4	51.33	3/4		3/4	
1	2,456.45	1	2,100.35	1	1,744.24	1	1,388.96	1	1,039.05	1	693.81	1	348.40	1	49.98	1		1	
1/4	2,449.03	1/4	2,092.93	1/4	1,736.82	1/4	1,381.73	1/4	1,031.87	1/4	686.59	1/4	341.01	1/4	48.63	1/4		1/4	
1/2	2,441.62	1/2	2,085.51	1/2	1,729.40	1/2	1,374.49	1/2	1,024.68	1/2	679.38	1/2	333.61	1/2	47.28	1/2		1/2	
3/4	2,434.20	3/4	2,078.09	3/4	1,721.98	3/4	1,367.24	3/4	1,017.50	3/4	672.17	3/4	326.22	3/4	46.77	3/4		3/4	
2	2,426.78	2	2,070.68	2	1,714.56	2	1,359.98	2	1,010.32	2	664.95	2	318.83	2	46.26	2		2	
1/4	2,419.36	1/4	2,063.26	1/4	1,707.14	1/4	1,352.72	1/4	1,003.14	1/4	657.74	1/4	311.43	1/4		1/4		1/4	
1/2	2,411.94	1/2	2,055.84	1/2	1,699.73	1/2	1,345.46	1/2	995.95	1/2	650.53	1/2	304.04	1/2		1/2		1/2	
3/4	2,404.52	3/4	2,048.42	3/4	1,692.31	3/4	1,338.20	3/4	988.77	3/4	643.31	3/4	296.63	3/4		3/4		3/4	
3	2,397.10	3	2,041.00	3	1,684.89	3	1,330.95	3	981.59	3	636.10	3	289.22	3		3		3	
1/4	2,389.68	1/4	2,033.58	1/4	1,677.47	1/4	1,323.69	1/4	974.41	1/4	628.89	1/4	281.81	1/4		1/4		1/4	
1/2	2,382.26	1/2	2,026.16	1/2	1,670.05	1/2	1,316.43	1/2	967.23	1/2	621.67	1/2	274.41	1/2		1/2		1/2	
3/4	2,374.85	3/4	2,018.74	3/4	1,662.63	3/4	1,309.17	3/4	960.04	3/4	614.46	3/4	266.98	3/4		3/4		3/4	
4	2,367.43	4	2,011.32	4	1,655.21	4	1,301.91	4	952.86	4	607.25	4	259.56	4		4		4	
1/4	2,360.01	1/4	2,003.91	1/4	1,647.79	1/4	1,294.66	1/4	945.68	1/4	600.03	1/4	252.14	1/4		1/4		1/4	
1/2	2,352.59	1/2	1,996.49	1/2	1,640.37	1/2	1,287.40	1/2	938.50	1/2	592.82	1/2	244.71	1/2		1/2		1/2	
3/4	2,345.17	3/4	1,989.07	3/4	1,632.95	3/4	1,280.14	3/4	931.31	3/4	585.61	3/4	237.29	3/4		3/4		3/4	
5	2,337.75	5	1,981.65	5	1,625.53	5	1,272.88	5	924.13	5	578.39	5	229.87	5		5		5	
1/4	2,330.33	1/4	1,974.23	1/4	1,618.11	1/4	1,265.62	1/4	916.95	1/4	571.18	1/4	222.45	1/4		1/4		1/4	
1/2	2,322.91	1/2	1,966.81	1/2	1,610.70	1/2	1,258.36	1/2	909.77	1/2	563.96	1/2	215.02	1/2		1/2		1/2	
3/4	2,315.50	3/4	1,959.39	3/4	1,603.28	3/4	1,251.12	3/4	902.58	3/4	556.54	3/4	207.60	3/4		3/4		3/4	
6	2,308.08	6	1,951.97	6	1,595.86	6	1,243.88	6	895.40	6	549.12	6	200.18	6		6		6	
1/4	2,300.66	1/4	1,944.56	1/4	1,588.44	1/4	1,236.64	1/4	888.21	1/4	541.69	1/4	192.76	1/4		1/4		1/4	
1/2	2,293.24	1/2	1,937.14	1/2	1,581.02	1/2	1,229.39	1/2	881.03	1/2	534.27	1/2	185.33	1/2		1/2		1/2	
3/4	2,285.82	3/4	1,929.72	3/4	1,573.60	3/4	1,221.99	3/4	873.84	3/4	526.84	3/4	177.91	3/4		3/4		3/4	
7	2,278.40	7	1,922.30	7	1,566.18	7	1,214.59	7	866.66	7	519.42	7	170.49	7		7		7	
1/4	2,270.98	1/4	1,914.88	1/4	1,558.76	1/4	1,207.18	1/4	859.48	1/4	512.00	1/4	163.06	1/4		1/4		1/4	
1/2	2,263.56	1/2	1,907.46	1/2	1,551.34	1/2	1,199.78	1/2	852.29	1/2	504.57	1/2	155.64	1/2		1/2		1/2	
3/4	2,256.15	3/4	1,900.04	3/4	1,543.95	3/4	1,192.38	3/4	845.11	3/4	497.15	3/4	148.23	3/4		3/4		3/4	
8	2,248.73	8	1,892.62	8	1,536.55	8	1,184.97	8	837.92	8	489.72	8	140.82	8		8		8	
1/4	2,241.31	1/4	1,885.21	1/4	1,529.15	1/4	1,177.57	1/4	830.74	1/4	482.30	1/4	133.42	1/4		1/4		1/4	
1/2	2,233.89	1/2	1,877.79	1/2	1,521.76	1/2	1,170.16	1/2	823.55	1/2	474.88	1/2	126.01	1/2		1/2		1/2	
3/4	2,226.47	3/4	1,870.37	3/4	1,514.36	3/4	1,162.76	3/4	816.36	3/4	467.89	3/4	119.23	3/4		3/4		3/4	
9	2,219.05	9	1,862.95	9	1,506.97	9	1,155.36	9	809.17	9	460.91	9	112.46	9		9		9	
1/4	2,211.63	1/4	1,855.53	1/4	1,499.57	1/4	1,147.95	1/4	801.99	1/4	453.92	1/4	105.69	1/4		1/4		1/4	
1/2	2,204.21	1/2	1,848.11	1/2	1,492.18	1/2	1,140.55	1/2	794.80	1/2	446.94	1/2	98.91	1/2		1/2		1/2	
3/4	2,196.79	3/4	1,840.69	3/4	1,484.78	3/4	1,133.15	3/4	787.58	3/4	440.40	3/4	93.39	3/4		3/4		3/4	
10	2,189.38	10	1,833.27	10	1,477.39	10	1,125.74	10	780.37	10	433.85	10	87.86	10		10		10	
1/4	2,181.96	1/4	1,825.85	1/4	1,469.99	1/4	1,118.34	1/4	773.16	1/4	427.31	1/4	82.33	1/4		1/4		1/4	
1/2	2,174.54	1/2	1,818.43	1/2	1,462.59	1/2	1,110.93	1/2	765.94	1/2	420.76	1/2	76.80	1/2		1/2		1/2	
3/4	2,167.12	3/4	1,811.01	3/4	1,455.20	3/4	1,103.74	3/4	758.73	3/4	413.78	3/4	72.94	3/4		3/4		3/4	
11	2,159.70	11	1,803.59	11	1,447.80	11	1,096.55	11	751.52	11	406.79	11	69.09	11		11		11	
1/4	2,152.28	1/4	1,796.18	1/4	1,440.41	1/4	1,089.35	1/4	744.30	1/4	399.81	1/4	65.23	1/4		1/4		1/4	
1/2	2,144.86	1/2	1,788.76	1/2	1,433.01	1/2	1,082.16	1/2	737.09	1/2	392.83	1/2	61.38	1/2		1/2		1/2	
3/4	2,137.44	3/4	1,781.34	3/4	1,425.62	3/4	1,074.97	3/4	729.88	3/4	385.42	3/4	59.21	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/22/2011 CL - SW
CALCULATED: 06/23/2011 CL
REPRINTED: 07/05/2011 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2011

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



BARGE "KIRBY 27766"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 1/4"

0 FT.			1 FT.			2 FT.			3 FT.			4 FT.			5 FT.			6 FT.			7 FT.			8 FT.			9 FT.					
IN			IN			IN			IN			IN			IN			IN			IN			IN			IN					
0			0			0			0			0		4,000.57	0		3,834.15	0		3,657.09	0		3,468.07	0		3,231.59	0		2,874.46			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4		3,996.66	1/4		3,830.63	1/4		3,653.25	1/4		3,464.08	1/4		3,224.15	1/4		2,867.02			
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2		3,992.76	1/2		3,827.10	1/2		3,649.41	1/2		3,460.09	1/2		3,216.71	1/2		2,859.58			
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4		3,988.85	3/4		3,823.58	3/4		3,645.57	3/4		3,456.09	3/4		3,209.27	3/4		2,852.14			
1		1	1		1	1		1	1		1	1		3,985.23	1		3,820.04	1		3,641.71	1		3,452.10	1		3,201.83	1		2,844.70			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4		3,981.62	1/4		3,816.49	1/4		3,637.86	1/4		3,448.11	1/4		3,194.39	1/4		2,837.26			
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2		3,978.00	1/2		3,812.95	1/2		3,634.00	1/2		3,444.11	1/2		3,186.95	1/2		2,829.82			
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4		3,974.39	3/4		3,809.41	3/4		3,630.14	3/4		3,440.12	3/4		3,179.51	3/4		2,822.38			
2		2	2		2	2		2	2		2	2		3,971.06	2		3,805.85	2		3,626.26	2		3,436.13	2		3,172.07	2		2,814.94			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4		3,967.73	1/4		3,802.28	1/4		3,622.39	1/4		3,432.13	1/4		3,164.63	1/4		2,807.49			
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2		3,964.39	1/2		3,798.72	1/2		3,618.51	1/2		3,428.14	1/2		3,157.19	1/2		2,800.05			
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4		3,961.06	3/4		3,795.16	3/4		3,614.63	3/4		3,424.15	3/4		3,149.75	3/4		2,792.61			
3		3	3		3	3		3	3		3	3		3,957.71	3		3,791.58	3		3,610.73	3		3,420.16	3		3,142.31	3		2,785.17			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4		3,954.36	1/4		3,788.00	1/4		3,606.84	1/4		3,416.16	1/4		3,134.87	1/4		2,777.73			
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2		3,951.01	1/2		3,784.41	1/2		3,602.94	1/2		3,412.17	1/2		3,127.43	1/2		2,770.29			
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4		3,947.66	3/4		3,780.83	3/4		3,599.04	3/4		3,408.18	3/4		3,119.99	3/4		2,762.85			
4		4	4		4	4		4	4		4	4		3,944.29	4		3,777.19	4		3,595.13	4		3,404.18	4		3,112.55	4		2,755.41			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4		3,940.92	1/4		3,773.55	1/4		3,591.21	1/4		3,400.19	1/4		3,105.11	1/4		2,747.97			
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2		3,937.55	1/2		3,769.91	1/2		3,587.30	1/2		3,396.20	1/2		3,097.67	1/2		2,740.53			
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4		3,934.18	3/4		3,766.26	3/4		3,583.38	3/4		3,392.20	3/4		3,090.23	3/4		2,733.09			
5		5	5		5	5		5	5		5	5		3,930.79	5		3,762.56	5		3,579.45	5		3,388.21	5		3,082.79	5		2,725.65			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4		3,927.40	1/4		3,758.85	1/4		3,575.51	1/4		3,384.22	1/4		3,075.35	1/4		2,718.21			
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2		3,924.01	1/2		3,755.15	1/2		3,571.58	1/2		3,380.23	1/2		3,067.91	1/2		2,710.77			
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4		3,920.63	3/4		3,751.45	3/4		3,567.64	3/4		3,376.23	3/4		3,060.47	3/4		2,703.33			
6		6	6		6	6		6	6		6	6		3,917.22	6		3,747.72	6		3,563.69	6		3,372.24	6		3,053.02	6		2,695.89			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4		3,913.81	1/4		3,744.00	1/4		3,559.73	1/4		3,368.25	1/4		3,045.58	1/4		2,688.45			
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2		3,910.40	1/2		3,740.28	1/2		3,555.78	1/2		3,364.25	1/2		3,038.14	1/2		2,681.01			
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4		3,906.99	3/4		3,736.55	3/4		3,551.82	3/4		3,360.26	3/4		3,030.70	3/4		2,673.57			
7		7	7		7	7		7	7		7	7		3,903.57	7		3,732.81	7		3,547.85	7		3,356.27	7		3,023.26	7		2,666.13			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4		3,900.14	1/4		3,729.07	1/4		3,543.88	1/4		3,352.27	1/4		3,015.82	1/4		2,658.69			
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2		3,896.71	1/2		3,725.32	1/2		3,539.90	1/2		3,348.28	1/2		3,008.38	1/2		2,651.25			
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4		3,893.28	3/4		3,721.58	3/4		3,535.93	3/4		3,344.29	3/4		3,000.94	3/4		2,643.81			
8		8	8		8	8		8	8		8	8		3,889.84	8		3,717.82	8		3,531.94	8		3,340.30	8		2,993.50	8		2,636.37			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4		3,886.39	1/4		3,714.06	1/4		3,527.95	1/4		3,336.30	1/4		2,986.06	1/4		2,628.93			
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2		3,882.94	1/2		3,710.29	1/2		3,523.97	1/2		3,332.31	1/2		2,978.62	1/2		2,621.49			
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4		4,043.79	3/4		3,879.50	3/4		3,706.53	3/4		3,519.98	3/4		3,328.32	3/4		2,971.18	3/4		2,614.05
9		9	9		9	9		9	9		9	9		4,041.43	9		3,876.03	9		3,702.75	9		3,515.99	9		3,320.88	9		2,963.74	9		2,606.61
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4		4,039.07	1/4		3,872.56	1/4		3,698.97	1/4		3,511.99	1/4		3,313.44	1/4		2,956.30	1/4		2,599.17
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2		4,036.72	1/2		3,869.10	1/2		3,695.19	1/2		3,508.00	1/2		3,306.00	1/2		2,948.86	1/2		2,591.73
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4		4,034.36	3/4		3,865.63	3/4		3,691.41	3/4		3,504.01	3/4		3,298.55	3/4		2,941.42	3/4		2,584.29
10		10	10		10	10		10	10		10	10		4,030.80	10		3,862.15	10		3,687.61	10		3,500.02	10		3,291.11	10		2,933.98	10		2,576.85
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4		4,027.24	1/4		3,858.66	1/4		3,683.81	1/4		3,496.02	1/4		3,283.67	1/4		2,926.54	1/4		2,569.41
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2		4,023.68	1/2		3,855.18	1/2		3,680.01	1/2		3,492.03	1/2		3,276.23	1/2		2,919.10	1/2		2,561.97
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4		4,020.12	3/4		3,851.69	3/4		3,676.21	3/4		3,488.04	3/4		3,268.79	3/4		2,911.66	3/4		2,554.52
11		11	11		11	11		11	11		11	11		4,016.21	11		3,848.19	11		3,672.39	11		3,484.04	11		3,261.35	11		2,904.22	11		2,547.08
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4		4,012.30	1/4		3,844.68	1/4		3,668.57	1/4		3,480.05	1/4		3,253.91	1/4		2,896.78	1/4		2,539.64
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2		4,008.39	1/2		3,841.18	1/2		3,664.75	1/2		3,476.06	1/2		3,246.47	1/2		2,889.34	1/2		2,532.20
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4		4,004.48	3/4		3,837.67	3/4		3,660.93	3/4		3,472.06	3/4		3,239.03	3/4		2,881.90	3/4		2,524.76

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 55'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.



BARGE "KIRBY 27766"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	2,517.32	0	2,160.19	0	1,803.05	0	1,445.91	0	1,092.65	0	736.59	0	386.46	0	59.41	0		0	
1/4	2,509.88	1/4	2,152.75	1/4	1,795.61	1/4	1,438.47	1/4	1,085.24	1/4	729.14	1/4	379.04	1/4	57.22	1/4		1/4	
1/2	2,502.44	1/2	2,145.31	1/2	1,788.17	1/2	1,431.03	1/2	1,077.82	1/2	721.70	1/2	371.61	1/2	55.02	1/2		1/2	
3/4	2,495.00	3/4	2,137.87	3/4	1,780.73	3/4	1,423.59	3/4	1,070.40	3/4	714.26	3/4	364.19	3/4	52.83	3/4		3/4	
1	2,487.56	1	2,130.43	1	1,773.29	1	1,416.31	1	1,062.99	1	706.82	1	356.77	1	51.46	1		1	
1/4	2,480.12	1/4	2,122.99	1/4	1,765.85	1/4	1,409.03	1/4	1,055.58	1/4	699.38	1/4	349.36	1/4	50.09	1/4		1/4	
1/2	2,472.68	1/2	2,115.55	1/2	1,758.41	1/2	1,401.75	1/2	1,048.17	1/2	691.94	1/2	341.95	1/2	48.72	1/2		1/2	
3/4	2,465.24	3/4	2,108.11	3/4	1,750.97	3/4	1,394.47	3/4	1,040.76	3/4	684.50	3/4	334.54	3/4	47.35	3/4		3/4	
2	2,457.80	2	2,100.67	2	1,743.53	2	1,387.19	2	1,033.34	2	677.06	2	327.13	2	46.82	2		2	
1/4	2,450.36	1/4	2,093.23	1/4	1,736.09	1/4	1,379.91	1/4	1,025.93	1/4	669.62	1/4	319.72	1/4	46.30	1/4		1/4	
1/2	2,442.92	1/2	2,085.79	1/2	1,728.65	1/2	1,372.64	1/2	1,018.52	1/2	662.18	1/2	312.31	1/2		1/2		1/2	
3/4	2,435.48	3/4	2,078.35	3/4	1,721.21	3/4	1,365.36	3/4	1,011.11	3/4	654.74	3/4	304.90	3/4		3/4		3/4	
3	2,428.04	3	2,070.91	3	1,713.77	3	1,358.08	3	1,003.70	3	647.30	3	297.47	3		3		3	
1/4	2,420.60	1/4	2,063.46	1/4	1,706.33	1/4	1,350.80	1/4	996.28	1/4	639.86	1/4	290.04	1/4		1/4		1/4	
1/2	2,413.16	1/2	2,056.02	1/2	1,698.88	1/2	1,343.52	1/2	988.87	1/2	632.41	1/2	282.62	1/2		1/2		1/2	
3/4	2,405.72	3/4	2,048.58	3/4	1,691.44	3/4	1,336.24	3/4	981.46	3/4	624.97	3/4	275.19	3/4		3/4		3/4	
4	2,398.28	4	2,041.14	4	1,684.00	4	1,328.96	4	974.05	4	617.53	4	267.75	4		4		4	
1/4	2,390.84	1/4	2,033.70	1/4	1,676.56	1/4	1,321.68	1/4	966.64	1/4	610.09	1/4	260.31	1/4		1/4		1/4	
1/2	2,383.40	1/2	2,026.26	1/2	1,669.12	1/2	1,314.41	1/2	959.22	1/2	602.65	1/2	252.87	1/2		1/2		1/2	
3/4	2,375.96	3/4	2,018.82	3/4	1,661.68	3/4	1,307.13	3/4	951.81	3/4	595.21	3/4	245.43	3/4		3/4		3/4	
5	2,368.52	5	2,011.38	5	1,654.24	5	1,299.85	5	944.40	5	587.77	5	237.99	5		5		5	
1/4	2,361.08	1/4	2,003.94	1/4	1,646.80	1/4	1,292.57	1/4	936.99	1/4	580.33	1/4	230.55	1/4		1/4		1/4	
1/2	2,353.64	1/2	1,996.50	1/2	1,639.36	1/2	1,285.29	1/2	929.58	1/2	572.89	1/2	223.11	1/2		1/2		1/2	
3/4	2,346.20	3/4	1,989.06	3/4	1,631.92	3/4	1,278.01	3/4	922.16	3/4	565.45	3/4	215.67	3/4		3/4		3/4	
6	2,338.76	6	1,981.62	6	1,624.48	6	1,270.73	6	914.75	6	558.01	6	208.23	6		6		6	
1/4	2,331.32	1/4	1,974.18	1/4	1,617.04	1/4	1,263.45	1/4	907.34	1/4	550.56	1/4	200.79	1/4		1/4		1/4	
1/2	2,323.88	1/2	1,966.74	1/2	1,609.60	1/2	1,256.17	1/2	899.93	1/2	543.12	1/2	193.35	1/2		1/2		1/2	
3/4	2,316.44	3/4	1,959.30	3/4	1,602.16	3/4	1,248.89	3/4	892.52	3/4	535.68	3/4	185.91	3/4		3/4		3/4	
7	2,308.99	7	1,951.86	7	1,594.72	7	1,241.45	7	885.10	7	528.24	7	178.47	7		7		7	
1/4	2,301.55	1/4	1,944.42	1/4	1,587.28	1/4	1,234.01	1/4	877.69	1/4	520.80	1/4	171.03	1/4		1/4		1/4	
1/2	2,294.11	1/2	1,936.98	1/2	1,579.84	1/2	1,226.57	1/2	870.28	1/2	513.36	1/2	163.59	1/2		1/2		1/2	
3/4	2,286.67	3/4	1,929.54	3/4	1,572.40	3/4	1,219.13	3/4	862.87	3/4	505.92	3/4	156.15	3/4		3/4		3/4	
8	2,279.23	8	1,922.10	8	1,564.96	8	1,211.68	8	855.46	8	498.48	8	148.73	8		8		8	
1/4	2,271.79	1/4	1,914.66	1/4	1,557.52	1/4	1,204.24	1/4	848.04	1/4	491.03	1/4	141.30	1/4		1/4		1/4	
1/2	2,264.35	1/2	1,907.22	1/2	1,550.07	1/2	1,196.80	1/2	840.63	1/2	483.59	1/2	133.88	1/2		1/2		1/2	
3/4	2,256.91	3/4	1,899.78	3/4	1,542.63	3/4	1,189.36	3/4	833.22	3/4	476.15	3/4	126.45	3/4		3/4		3/4	
9	2,249.47	9	1,892.34	9	1,535.19	9	1,181.92	9	825.80	9	469.15	9	119.66	9		9		9	
1/4	2,242.03	1/4	1,884.90	1/4	1,527.75	1/4	1,174.48	1/4	818.39	1/4	462.15	1/4	112.87	1/4		1/4		1/4	
1/2	2,234.59	1/2	1,877.46	1/2	1,520.31	1/2	1,167.04	1/2	810.97	1/2	455.15	1/2	106.08	1/2		1/2		1/2	
3/4	2,227.15	3/4	1,870.02	3/4	1,512.87	3/4	1,159.60	3/4	803.55	3/4	448.15	3/4	99.29	3/4		3/4		3/4	
10	2,219.71	10	1,862.58	10	1,505.43	10	1,152.16	10	796.11	10	441.58	10	93.74	10		10		10	
1/4	2,212.27	1/4	1,855.14	1/4	1,497.99	1/4	1,144.71	1/4	788.67	1/4	435.02	1/4	88.19	1/4		1/4		1/4	
1/2	2,204.83	1/2	1,847.69	1/2	1,490.55	1/2	1,137.27	1/2	781.23	1/2	428.46	1/2	82.65	1/2		1/2		1/2	
3/4	2,197.39	3/4	1,840.25	3/4	1,483.11	3/4	1,129.83	3/4	773.79	3/4	421.90	3/4	77.10	3/4		3/4		3/4	
11	2,189.95	11	1,832.81	11	1,475.67	11	1,122.39	11	766.35	11	414.90	11	73.22	11		11		11	
1/4	2,182.51	1/4	1,825.37	1/4	1,468.23	1/4	1,114.95	1/4	758.91	1/4	407.89	1/4	69.35	1/4		1/4		1/4	
1/2	2,175.07	1/2	1,817.93	1/2	1,460.79	1/2	1,107.51	1/2	751.47	1/2	400.89	1/2	65.48	1/2		1/2		1/2	
3/4	2,167.63	3/4	1,810.49	3/4	1,453.35	3/4	1,100.07	3/4	744.03	3/4	393.89	3/4	61.61	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/22/2011 CL - SW
CALCULATED: 06/23/2011 CL
REPRINTED: 07/05/2011 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2011

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



BARGE "KIRBY 27766"

INNAGE TRIM TABLE

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

September 23, 2021

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 27766"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 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	8.53	0	309.99	0	672.51	0	1,048.90	0	1,425.33	0	1,802.98	0	2,180.84	0	2,558.70	0	2,936.55	0	3,314.41
1/4	11.91	1/4	317.23	1/4	680.38	1/4	1,056.72	1/4	1,433.17	1/4	1,810.85	1/4	2,188.71	1/4	2,566.57	1/4	2,944.42	1/4	3,322.28
1/2	15.28	1/2	324.47	1/2	688.25	1/2	1,064.53	1/2	1,441.01	1/2	1,818.72	1/2	2,196.58	1/2	2,574.44	1/2	2,952.30	1/2	3,330.15
3/4	20.68	3/4	331.80	3/4	696.12	3/4	1,072.35	3/4	1,448.86	3/4	1,826.59	3/4	2,204.46	3/4	2,582.31	3/4	2,960.17	3/4	3,338.02
1	26.08	1	339.13	1	704.00	1	1,080.16	1	1,456.70	1	1,834.46	1	2,212.33	1	2,590.18	1	2,968.04	1	3,345.90
1/4	31.47	1/4	346.46	1/4	711.87	1/4	1,087.98	1/4	1,464.55	1/4	1,842.34	1/4	2,220.20	1/4	2,598.06	1/4	2,975.91	1/4	3,353.77
1/2	36.87	1/2	353.79	1/2	719.74	1/2	1,095.79	1/2	1,472.39	1/2	1,850.21	1/2	2,228.07	1/2	2,605.93	1/2	2,983.78	1/2	3,361.64
3/4	42.77	3/4	361.22	3/4	727.62	3/4	1,103.61	3/4	1,480.25	3/4	1,858.08	3/4	2,235.94	3/4	2,613.80	3/4	2,991.66	3/4	3,369.51
2	48.66	2	368.65	2	735.49	2	1,111.42	2	1,488.11	2	1,865.95	2	2,243.82	2	2,621.67	2	2,999.53	2	3,377.38
1/4	54.56	1/4	376.07	1/4	743.36	1/4	1,119.23	1/4	1,495.97	1/4	1,873.83	1/4	2,251.69	1/4	2,629.54	1/4	3,007.40	1/4	3,385.26
1/2	60.46	1/2	383.50	1/2	751.23	1/2	1,127.05	1/2	1,503.83	1/2	1,881.70	1/2	2,259.56	1/2	2,637.42	1/2	3,015.27	1/2	3,393.13
3/4	66.03	3/4	391.04	3/4	759.11	3/4	1,134.87	3/4	1,511.70	3/4	1,889.57	3/4	2,267.43	3/4	2,645.29	3/4	3,023.14	3/4	3,401.00
3	71.60	3	398.58	3	766.98	3	1,142.68	3	1,519.57	3	1,897.44	3	2,275.30	3	2,653.16	3	3,031.02	3	3,408.87
1/4	77.18	1/4	406.12	1/4	774.85	1/4	1,150.50	1/4	1,527.44	1/4	1,905.32	1/4	2,283.18	1/4	2,661.03	1/4	3,038.89	1/4	3,416.74
1/2	82.75	1/2	413.66	1/2	782.72	1/2	1,158.31	1/2	1,535.32	1/2	1,913.19	1/2	2,291.05	1/2	2,668.90	1/2	3,046.76	1/2	3,424.62
3/4	88.44	3/4	421.08	3/4	790.60	3/4	1,166.15	3/4	1,543.19	3/4	1,921.06	3/4	2,298.92	3/4	2,676.78	3/4	3,054.63	3/4	3,432.49
4	94.12	4	428.51	4	798.47	4	1,173.98	4	1,551.06	4	1,928.93	4	2,306.79	4	2,684.65	4	3,062.50	4	3,440.36
1/4	99.81	1/4	435.93	1/4	806.34	1/4	1,181.81	1/4	1,558.93	1/4	1,936.80	1/4	2,314.66	1/4	2,692.52	1/4	3,070.38	1/4	3,448.23
1/2	105.50	1/2	443.36	1/2	814.21	1/2	1,189.64	1/2	1,566.81	1/2	1,944.68	1/2	2,322.54	1/2	2,700.39	1/2	3,078.25	1/2	3,456.10
3/4	111.76	3/4	450.43	3/4	822.07	3/4	1,197.50	3/4	1,574.68	3/4	1,952.55	3/4	2,330.41	3/4	2,708.26	3/4	3,086.12	3/4	3,463.98
5	118.01	5	457.50	5	829.93	5	1,205.36	5	1,582.55	5	1,960.42	5	2,338.28	5	2,716.14	5	3,093.99	5	3,471.85
1/4	124.27	1/4	464.57	1/4	837.79	1/4	1,213.21	1/4	1,590.42	1/4	1,968.29	1/4	2,346.15	1/4	2,724.01	1/4	3,101.86	1/4	3,479.72
1/2	130.53	1/2	471.64	1/2	845.65	1/2	1,221.07	1/2	1,598.30	1/2	1,976.17	1/2	2,354.02	1/2	2,731.88	1/2	3,109.74	1/2	3,487.59
3/4	137.12	3/4	478.79	3/4	853.48	3/4	1,228.95	3/4	1,606.17	3/4	1,984.04	3/4	2,361.90	3/4	2,739.75	3/4	3,117.61	3/4	3,495.46
6	143.71	6	485.94	6	861.31	6	1,236.82	6	1,614.04	6	1,991.91	6	2,369.77	6	2,747.62	6	3,125.48	6	3,503.34
1/4	150.30	1/4	493.09	1/4	869.14	1/4	1,244.69	1/4	1,621.91	1/4	1,999.78	1/4	2,377.64	1/4	2,755.50	1/4	3,133.35	1/4	3,511.21
1/2	156.90	1/2	500.23	1/2	876.97	1/2	1,252.56	1/2	1,629.78	1/2	2,007.66	1/2	2,385.51	1/2	2,763.37	1/2	3,141.22	1/2	3,519.08
3/4	163.60	3/4	507.87	3/4	884.79	3/4	1,260.44	3/4	1,637.66	3/4	2,015.53	3/4	2,393.38	3/4	2,771.24	3/4	3,149.10	3/4	3,526.95
7	170.31	7	515.51	7	892.60	7	1,268.31	7	1,645.53	7	2,023.40	7	2,401.26	7	2,779.11	7	3,156.97	7	3,534.82
1/4	177.02	1/4	523.15	1/4	900.42	1/4	1,276.18	1/4	1,653.40	1/4	2,031.27	1/4	2,409.13	1/4	2,786.98	1/4	3,164.84	1/4	3,542.70
1/2	183.72	1/2	530.80	1/2	908.24	1/2	1,284.06	1/2	1,661.27	1/2	2,039.14	1/2	2,417.00	1/2	2,794.86	1/2	3,172.71	1/2	3,550.57
3/4	190.55	3/4	538.67	3/4	916.05	3/4	1,291.92	3/4	1,669.15	3/4	2,047.02	3/4	2,424.87	3/4	2,802.73	3/4	3,180.58	3/4	3,558.44
8	197.37	8	546.54	8	923.87	8	1,299.77	8	1,677.02	8	2,054.89	8	2,432.74	8	2,810.60	8	3,188.46	8	3,566.31
1/4	204.20	1/4	554.41	1/4	931.68	1/4	1,307.63	1/4	1,684.89	1/4	2,062.76	1/4	2,440.62	1/4	2,818.47	1/4	3,196.33	1/4	3,574.18
1/2	211.02	1/2	562.29	1/2	939.50	1/2	1,315.49	1/2	1,692.76	1/2	2,070.63	1/2	2,448.49	1/2	2,826.34	1/2	3,204.20	1/2	3,582.06
3/4	217.96	3/4	570.16	3/4	947.31	3/4	1,323.34	3/4	1,700.64	3/4	2,078.50	3/4	2,456.36	3/4	2,834.22	3/4	3,212.07	3/4	3,589.93
9	224.90	9	578.03	9	955.13	9	1,331.18	9	1,708.51	9	2,086.38	9	2,464.23	9	2,842.09	9	3,219.94	9	3,597.80
1/4	231.83	1/4	585.91	1/4	962.94	1/4	1,339.03	1/4	1,716.38	1/4	2,094.25	1/4	2,472.10	1/4	2,849.96	1/4	3,227.82	1/4	3,605.67
1/2	238.77	1/2	593.78	1/2	970.76	1/2	1,346.87	1/2	1,724.25	1/2	2,102.12	1/2	2,479.98	1/2	2,857.83	1/2	3,235.69	1/2	3,613.54
3/4	245.81	3/4	601.65	3/4	978.57	3/4	1,354.72	3/4	1,732.12	3/4	2,109.99	3/4	2,487.85	3/4	2,865.70	3/4	3,243.56	3/4	3,621.42
10	252.85	10	609.53	10	986.38	10	1,362.57	10	1,740.00	10	2,117.86	10	2,495.72	10	2,873.58	10	3,251.43	10	3,629.29
1/4	259.89	1/4	617.40	1/4	994.20	1/4	1,370.41	1/4	1,747.87	1/4	2,125.74	1/4	2,503.59	1/4	2,881.45	1/4	3,259.30	1/4	3,637.16
1/2	266.93	1/2	625.27	1/2	1,002.01	1/2	1,378.26	1/2	1,755.74	1/2	2,133.61	1/2	2,511.46	1/2	2,889.32	1/2	3,267.18	1/2	3,645.03
3/4	274.07	3/4	633.14	3/4	1,009.83	3/4	1,386.10	3/4	1,763.61	3/4	2,141.48	3/4	2,519.34	3/4	2,897.19	3/4	3,275.05	3/4	3,652.90
11	281.22	11	641.02	11	1,017.64	11	1,393.95	11	1,771.49	11	2,149.35	11	2,527.21	11	2,905.06	11	3,282.92	11	3,660.78
1/4	288.36	1/4	648.89	1/4	1,025.46	1/4	1,401.79	1/4	1,779.36	1/4	2,157.22	1/4	2,535.08	1/4	2,912.94	1/4	3,290.79	1/4	3,668.65
1/2	295.51	1/2	656.76	1/2	1,033.27	1/2	1,409.64	1/2	1,787.23	1/2	2,165.10	1/2	2,542.95	1/2	2,920.81	1/2	3,298.66	1/2	3,676.52
3/4	302.75	3/4	664.63	3/4	1,041.09	3/4	1,417.48	3/4	1,795.10	3/4	2,172.97	3/4	2,550.82	3/4	2,928.68	3/4	3,306.54	3/4	3,684.39

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 AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE THAT EXPANDS TO 4".
 GAUGE POINT: (MANUAL) LOCATED 12'-09" OFF CENTERLINE AND 45'-03" 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 27766"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 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	3,692.26	0	4,068.54	0	4,427.06	0	4,759.90	0		0		0		0		0		0	
1/4	3,700.14	1/4	4,076.25	1/4	4,434.24	1/4	4,766.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,708.01	1/2	4,083.95	1/2	4,441.42	1/2	4,773.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,715.88	3/4	4,091.61	3/4	4,448.55	3/4	4,779.98	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,723.75	1	4,099.27	1	4,455.67	1	4,786.65	1		1		1		1		1		1	
1/4	3,731.62	1/4	4,106.94	1/4	4,462.79	1/4	4,793.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,739.50	1/2	4,114.60	1/2	4,469.92	1/2	4,799.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,747.37	3/4	4,122.23	3/4	4,477.00	3/4	4,806.91	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,755.24	2	4,129.85	2	4,484.09	2	4,813.84	2		2		2		2		2		2	
1/4	3,763.11	1/4	4,137.48	1/4	4,491.17	1/4	4,820.77	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,770.98	1/2	4,145.10	1/2	4,498.26	1/2	4,827.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,778.86	3/4	4,152.69	3/4	4,505.31	3/4	4,835.20	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,786.73	3	4,160.28	3	4,512.35	3	4,842.70	3		3		3		3		3		3	
1/4	3,794.60	1/4	4,167.86	1/4	4,519.40	1/4	4,850.19	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,802.47	1/2	4,175.45	1/2	4,526.45	1/2	4,857.69	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,810.34	3/4	4,183.00	3/4	4,533.46	3/4	4,865.48	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,818.22	4	4,190.55	4	4,540.47	4	4,873.27	4		4		4		4		4		4	
1/4	3,826.09	1/4	4,198.10	1/4	4,547.47	1/4	4,881.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,833.96	1/2	4,205.65	1/2	4,554.48	1/2	4,888.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,841.83	3/4	4,213.16	3/4	4,561.46	3/4	4,896.44	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,849.70	5	4,220.67	5	4,568.43	5	4,904.05	5		5		5		5		5		5	
1/4	3,857.58	1/4	4,228.18	1/4	4,575.40	1/4	4,911.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,865.45	1/2	4,235.69	1/2	4,582.37	1/2	4,919.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,873.32	3/4	4,243.17	3/4	4,589.30	3/4	4,926.04	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,881.19	6	4,250.64	6	4,596.24	6	4,932.82	6		6		6		6		6		6	
1/4	3,889.06	1/4	4,258.11	1/4	4,603.17	1/4	4,939.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,896.94	1/2	4,265.59	1/2	4,610.10	1/2	4,946.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,904.81	3/4	4,273.02	3/4	4,617.00	3/4	4,951.87	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,912.68	7	4,280.46	7	4,623.89	7	4,957.37	7		7		7		7		7		7	
1/4	3,920.55	1/4	4,287.89	1/4	4,630.79	1/4	4,962.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,928.42	1/2	4,295.33	1/2	4,637.68	1/2	4,968.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,936.27	3/4	4,302.73	3/4	4,644.54	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,944.12	8	4,310.13	8	4,651.40	8		8		8		8		8		8		8	
1/4	3,951.97	1/4	4,317.52	1/4	4,658.26	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,959.82	1/2	4,324.92	1/2	4,665.11	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,967.63	3/4	4,332.28	3/4	4,671.93	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,975.45	9	4,339.64	9	4,678.75	9		9		9		9		9		9		9	
1/4	3,983.26	1/4	4,347.00	1/4	4,685.57	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,991.08	1/2	4,354.36	1/2	4,692.39	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,998.85	3/4	4,361.68	3/4	4,699.17	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	4,006.63	10	4,369.00	10	4,705.95	10		10		10		10		10		10		10	
1/4	4,014.41	1/4	4,376.32	1/4	4,712.74	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,022.19	1/2	4,383.65	1/2	4,719.52	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,029.92	3/4	4,390.91	3/4	4,726.26	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	4,037.66	11	4,398.17	11	4,733.01	11		11		11		11		11		11		11	
1/4	4,045.40	1/4	4,405.43	1/4	4,739.75	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,053.14	1/2	4,412.70	1/2	4,746.49	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,060.84	3/4	4,419.88	3/4	4,753.20	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/22/2011 CL - SW
 RECALCULATED: 09/23/2021 PMA
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CANCELS AND SUPERCEDES
 ALL PRIOR TO 09/2021

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



BARGE "KIRBY 27766"

1 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	8.54	0	309.96	0	672.40	0	1,049.52	0	1,426.44	0	1,804.00	0	2,181.78	0	2,559.55	0	2,937.33	0	3,315.10
1/4	11.91	1/4	317.19	1/4	680.27	1/4	1,057.36	1/4	1,434.28	1/4	1,811.87	1/4	2,189.65	1/4	2,567.42	1/4	2,945.20	1/4	3,322.97
1/2	15.29	1/2	324.43	1/2	688.14	1/2	1,065.20	1/2	1,442.12	1/2	1,819.74	1/2	2,197.52	1/2	2,575.29	1/2	2,953.07	1/2	3,330.84
3/4	20.68	3/4	331.76	3/4	696.01	3/4	1,073.04	3/4	1,449.96	3/4	1,827.61	3/4	2,205.39	3/4	2,583.16	3/4	2,960.94	3/4	3,338.71
1	26.08	1	339.09	1	703.88	1	1,080.88	1	1,457.81	1	1,835.48	1	2,213.26	1	2,591.03	1	2,968.81	1	3,346.58
1/4	31.48	1/4	346.42	1/4	711.75	1/4	1,088.73	1/4	1,465.65	1/4	1,843.35	1/4	2,221.13	1/4	2,598.90	1/4	2,976.68	1/4	3,354.45
1/2	36.87	1/2	353.75	1/2	719.62	1/2	1,096.57	1/2	1,473.49	1/2	1,851.22	1/2	2,229.00	1/2	2,606.77	1/2	2,984.55	1/2	3,362.32
3/4	42.77	3/4	361.18	3/4	727.49	3/4	1,104.41	3/4	1,481.35	3/4	1,859.09	3/4	2,236.87	3/4	2,614.64	3/4	2,992.42	3/4	3,370.19
2	48.67	2	368.60	2	735.36	2	1,112.25	2	1,489.21	2	1,866.96	2	2,244.74	2	2,622.51	2	3,000.29	2	3,378.06
1/4	54.57	1/4	376.03	1/4	743.23	1/4	1,120.09	1/4	1,497.06	1/4	1,874.83	1/4	2,252.61	1/4	2,630.38	1/4	3,008.16	1/4	3,385.93
1/2	60.46	1/2	383.45	1/2	751.10	1/2	1,127.94	1/2	1,504.92	1/2	1,882.70	1/2	2,260.48	1/2	2,638.26	1/2	3,016.03	1/2	3,393.80
3/4	66.03	3/4	390.99	3/4	758.98	3/4	1,135.78	3/4	1,512.79	3/4	1,890.57	3/4	2,268.35	3/4	2,646.13	3/4	3,023.90	3/4	3,401.67
3	71.61	3	398.53	3	766.85	3	1,143.62	3	1,520.66	3	1,898.45	3	2,276.22	3	2,654.00	3	3,031.77	3	3,409.54
1/4	77.18	1/4	406.06	1/4	774.72	1/4	1,151.47	1/4	1,528.53	1/4	1,906.32	1/4	2,284.09	1/4	2,661.87	1/4	3,039.64	1/4	3,417.41
1/2	82.75	1/2	413.60	1/2	782.59	1/2	1,159.31	1/2	1,536.40	1/2	1,914.19	1/2	2,291.96	1/2	2,669.74	1/2	3,047.51	1/2	3,425.29
3/4	88.44	3/4	421.02	3/4	790.46	3/4	1,167.17	3/4	1,544.27	3/4	1,922.06	3/4	2,299.83	3/4	2,677.61	3/4	3,055.38	3/4	3,433.16
4	94.12	4	428.45	4	798.33	4	1,175.03	4	1,552.14	4	1,929.93	4	2,307.70	4	2,685.48	4	3,063.25	4	3,441.03
1/4	99.81	1/4	435.87	1/4	806.20	1/4	1,182.89	1/4	1,560.01	1/4	1,937.80	1/4	2,315.57	1/4	2,693.35	1/4	3,071.12	1/4	3,448.90
1/2	105.50	1/2	443.29	1/2	814.07	1/2	1,190.75	1/2	1,567.88	1/2	1,945.67	1/2	2,323.44	1/2	2,701.22	1/2	3,078.99	1/2	3,456.77
3/4	111.76	3/4	450.36	3/4	821.94	3/4	1,198.62	3/4	1,575.75	3/4	1,953.54	3/4	2,331.31	3/4	2,709.09	3/4	3,086.86	3/4	3,464.64
5	118.01	5	457.43	5	829.81	5	1,206.49	5	1,583.63	5	1,961.41	5	2,339.18	5	2,716.96	5	3,094.73	5	3,472.51
1/4	124.27	1/4	464.50	1/4	837.68	1/4	1,214.36	1/4	1,591.50	1/4	1,969.28	1/4	2,347.05	1/4	2,724.83	1/4	3,102.60	1/4	3,480.38
1/2	130.52	1/2	471.57	1/2	845.55	1/2	1,222.23	1/2	1,599.37	1/2	1,977.15	1/2	2,354.92	1/2	2,732.70	1/2	3,110.47	1/2	3,488.25
3/4	137.11	3/4	478.72	3/4	853.41	3/4	1,230.10	3/4	1,607.24	3/4	1,985.02	3/4	2,362.79	3/4	2,740.57	3/4	3,118.34	3/4	3,496.12
6	143.71	6	485.87	6	861.27	6	1,237.97	6	1,615.11	6	1,992.89	6	2,370.67	6	2,748.44	6	3,126.21	6	3,503.99
1/4	150.30	1/4	493.02	1/4	869.13	1/4	1,245.84	1/4	1,622.98	1/4	2,000.76	1/4	2,378.54	1/4	2,756.31	1/4	3,134.08	1/4	3,511.86
1/2	156.89	1/2	500.16	1/2	876.99	1/2	1,253.71	1/2	1,630.85	1/2	2,008.63	1/2	2,386.41	1/2	2,764.18	1/2	3,141.95	1/2	3,519.73
3/4	163.59	3/4	507.80	3/4	884.83	3/4	1,261.59	3/4	1,638.72	3/4	2,016.50	3/4	2,394.28	3/4	2,772.05	3/4	3,149.82	3/4	3,527.60
7	170.30	7	515.44	7	892.68	7	1,269.46	7	1,646.59	7	2,024.37	7	2,402.15	7	2,779.92	7	3,157.70	7	3,535.47
1/4	177.01	1/4	523.08	1/4	900.52	1/4	1,277.33	1/4	1,654.46	1/4	2,032.24	1/4	2,410.02	1/4	2,787.79	1/4	3,165.57	1/4	3,543.34
1/2	183.71	1/2	530.72	1/2	908.36	1/2	1,285.20	1/2	1,662.33	1/2	2,040.11	1/2	2,417.89	1/2	2,795.66	1/2	3,173.44	1/2	3,551.21
3/4	190.53	3/4	538.59	3/4	916.20	3/4	1,293.06	3/4	1,670.20	3/4	2,047.98	3/4	2,425.76	3/4	2,803.53	3/4	3,181.31	3/4	3,559.08
8	197.36	8	546.46	8	924.05	8	1,300.91	8	1,678.07	8	2,055.85	8	2,433.63	8	2,811.40	8	3,189.18	8	3,566.95
1/4	204.18	1/4	554.33	1/4	931.89	1/4	1,308.77	1/4	1,685.94	1/4	2,063.72	1/4	2,441.50	1/4	2,819.27	1/4	3,197.05	1/4	3,574.82
1/2	211.01	1/2	562.20	1/2	939.73	1/2	1,316.63	1/2	1,693.81	1/2	2,071.59	1/2	2,449.37	1/2	2,827.14	1/2	3,204.92	1/2	3,582.69
3/4	217.94	3/4	570.07	3/4	947.57	3/4	1,324.47	3/4	1,701.68	3/4	2,079.46	3/4	2,457.24	3/4	2,835.01	3/4	3,212.79	3/4	3,590.56
9	224.88	9	577.95	9	955.41	9	1,332.32	9	1,709.55	9	2,087.33	9	2,465.11	9	2,842.88	9	3,220.66	9	3,598.43
1/4	231.81	1/4	585.82	1/4	963.26	1/4	1,340.16	1/4	1,717.42	1/4	2,095.20	1/4	2,472.98	1/4	2,850.75	1/4	3,228.53	1/4	3,606.30
1/2	238.75	1/2	593.69	1/2	971.10	1/2	1,348.00	1/2	1,725.29	1/2	2,103.07	1/2	2,480.85	1/2	2,858.62	1/2	3,236.40	1/2	3,614.17
3/4	245.79	3/4	601.56	3/4	978.94	3/4	1,355.85	3/4	1,733.16	3/4	2,110.95	3/4	2,488.72	3/4	2,866.49	3/4	3,244.27	3/4	3,622.04
10	252.83	10	609.43	10	986.78	10	1,363.69	10	1,741.04	10	2,118.82	10	2,496.59	10	2,874.36	10	3,252.14	10	3,629.91
1/4	259.87	1/4	617.30	1/4	994.62	1/4	1,371.53	1/4	1,748.91	1/4	2,126.69	1/4	2,504.46	1/4	2,882.23	1/4	3,260.01	1/4	3,637.78
1/2	266.90	1/2	625.17	1/2	1,002.47	1/2	1,379.38	1/2	1,756.78	1/2	2,134.56	1/2	2,512.33	1/2	2,890.10	1/2	3,267.88	1/2	3,645.65
3/4	274.05	3/4	633.04	3/4	1,010.31	3/4	1,387.22	3/4	1,764.65	3/4	2,142.43	3/4	2,520.20	3/4	2,897.98	3/4	3,275.75	3/4	3,653.52
11	281.19	11	640.91	11	1,018.15	11	1,395.06	11	1,772.52	11	2,150.30	11	2,528.07	11	2,905.85	11	3,283.62	11	3,661.39
1/4	288.33	1/4	648.78	1/4	1,025.99	1/4	1,402.91	1/4	1,780.39	1/4	2,158.17	1/4	2,535.94	1/4	2,913.72	1/4	3,291.49	1/4	3,669.26
1/2	295.48	1/2	656.65	1/2	1,033.83	1/2	1,410.75	1/2	1,788.26	1/2	2,166.04	1/2	2,543.81	1/2	2,921.59	1/2	3,299.36	1/2	3,677.13
3/4	302.72	3/4	664.53	3/4	1,041.68	3/4	1,418.59	3/4	1,796.13	3/4	2,173.91	3/4	2,551.68	3/4	2,929.46	3/4	3,307.23	3/4	3,685.01

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 THAT EXPANDS TO 4".

GAUGE POINT: (MANUAL) LOCATED 12'-09" OFF CENTERLINE AND 45'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 27766"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,692.88	0	4,069.04	0	4,427.48	0	4,760.27	0		0		0		0		0		0	
1/4	3,700.75	1/4	4,076.74	1/4	4,434.67	1/4	4,766.98	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,708.62	1/2	4,084.44	1/2	4,441.85	1/2	4,773.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,716.49	3/4	4,092.10	3/4	4,448.97	3/4	4,780.35	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,724.36	1	4,099.77	1	4,456.09	1	4,787.01	1		1		1		1		1		1	
1/4	3,732.23	1/4	4,107.43	1/4	4,463.21	1/4	4,793.68	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,740.10	1/2	4,115.09	1/2	4,470.33	1/2	4,800.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,747.97	3/4	4,122.71	3/4	4,477.42	3/4	4,807.27	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,755.84	2	4,130.34	2	4,484.50	2	4,814.20	2		2		2		2		2		2	
1/4	3,763.71	1/4	4,137.96	1/4	4,491.59	1/4	4,821.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,771.58	1/2	4,145.58	1/2	4,498.67	1/2	4,828.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,779.45	3/4	4,153.17	3/4	4,505.72	3/4	4,835.55	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,787.32	3	4,160.76	3	4,512.76	3	4,843.05	3		3		3		3		3		3	
1/4	3,795.19	1/4	4,168.34	1/4	4,519.81	1/4	4,850.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,803.06	1/2	4,175.93	1/2	4,526.85	1/2	4,858.04	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,810.93	3/4	4,183.47	3/4	4,533.86	3/4	4,865.83	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,818.80	4	4,191.02	4	4,540.87	4	4,873.61	4		4		4		4		4		4	
1/4	3,826.67	1/4	4,198.57	1/4	4,547.88	1/4	4,881.40	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,834.54	1/2	4,206.12	1/2	4,554.89	1/2	4,889.19	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,842.41	3/4	4,213.63	3/4	4,561.86	3/4	4,896.79	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,850.28	5	4,221.14	5	4,568.83	5	4,904.39	5		5		5		5		5		5	
1/4	3,858.15	1/4	4,228.65	1/4	4,575.80	1/4	4,911.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,866.02	1/2	4,236.16	1/2	4,582.77	1/2	4,919.59	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,873.89	3/4	4,243.63	3/4	4,589.70	3/4	4,926.37	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,881.76	6	4,251.10	6	4,596.63	6	4,933.15	6		6		6		6		6		6	
1/4	3,889.63	1/4	4,258.57	1/4	4,603.56	1/4	4,939.93	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,897.50	1/2	4,266.04	1/2	4,610.49	1/2	4,946.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,905.37	3/4	4,273.48	3/4	4,617.39	3/4	4,952.20	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,913.23	7	4,280.91	7	4,624.28	7	4,957.69	7		7		7		7		7		7	
1/4	3,921.09	1/4	4,288.35	1/4	4,631.18	1/4	4,963.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,928.95	1/2	4,295.78	1/2	4,638.07	1/2	4,968.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,936.80	3/4	4,303.18	3/4	4,644.93	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,944.65	8	4,310.57	8	4,651.79	8		8		8		8		8		8		8	
1/4	3,952.49	1/4	4,317.97	1/4	4,658.64	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,960.34	1/2	4,325.37	1/2	4,665.50	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,968.15	3/4	4,332.72	3/4	4,672.32	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,975.97	9	4,340.08	9	4,679.13	9		9		9		9		9		9		9	
1/4	3,983.78	1/4	4,347.44	1/4	4,685.95	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,991.59	1/2	4,354.80	1/2	4,692.77	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,999.37	3/4	4,362.12	3/4	4,699.55	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	4,007.14	10	4,369.44	10	4,706.33	10		10		10		10		10		10		10	
1/4	4,014.92	1/4	4,376.76	1/4	4,713.11	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,022.69	1/2	4,384.08	1/2	4,719.89	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,030.43	3/4	4,391.34	3/4	4,726.64	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	4,038.17	11	4,398.60	11	4,733.38	11		11		11		11		11		11		11	
1/4	4,045.91	1/4	4,405.86	1/4	4,740.12	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,053.64	1/2	4,413.12	1/2	4,746.86	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,061.34	3/4	4,420.30	3/4	4,753.57	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/22/2011 CL - SW
 RECALCULATED: 09/23/2021 PMA
 REPRINTED: 09/23/2021 PMA

CANCELS AND SUPERCEDES
 ALL PRIOR TO 09/2021

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



BARGE "KIRBY 27766"

2 PORT 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	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 THAT EXPANDS TO 4".
 GAUGE POINT: (MANUAL) LOCATED 12'-09" OFF CENTERLINE AND 45'-03" 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 27766"

2 PORT 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.	
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: 06/22/2011 CL - SW
 RECALCULATED: 09/23/2021 PMA
 REPRINTED: 09/23/2021 PMA

CANCELS AND SUPERCEDES
 ALL PRIOR TO 09/2021

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



BARGE "KIRBY 27766"

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	23.05	0	366.28	0	717.86	0	1,076.17	0	1,432.77	0	1,789.79	0	2,148.76	0	2,507.72	0	2,866.68	0	3,225.64
1/4	28.03	1/4	373.75	1/4	725.34	1/4	1,083.62	1/4	1,440.09	1/4	1,797.27	1/4	2,156.24	1/4	2,515.20	1/4	2,874.16	1/4	3,233.12
1/2	33.01	1/2	381.22	1/2	732.82	1/2	1,091.07	1/2	1,447.40	1/2	1,804.75	1/2	2,163.72	1/2	2,522.68	1/2	2,881.64	1/2	3,240.59
3/4	39.82	3/4	388.68	3/4	740.30	3/4	1,098.52	3/4	1,454.72	3/4	1,812.23	3/4	2,171.20	3/4	2,530.16	3/4	2,889.11	3/4	3,248.07
1	46.62	1	396.14	1	747.77	1	1,105.97	1	1,462.04	1	1,819.71	1	2,178.68	1	2,537.63	1	2,896.59	1	3,255.55
1/4	53.43	1/4	403.59	1/4	755.25	1/4	1,113.42	1/4	1,469.35	1/4	1,827.19	1/4	2,186.15	1/4	2,545.11	1/4	2,904.07	1/4	3,263.03
1/2	60.23	1/2	411.05	1/2	762.73	1/2	1,120.87	1/2	1,476.67	1/2	1,834.66	1/2	2,193.63	1/2	2,552.59	1/2	2,911.55	1/2	3,270.51
3/4	67.42	3/4	418.50	3/4	770.21	3/4	1,128.32	3/4	1,483.99	3/4	1,842.14	3/4	2,201.11	3/4	2,560.07	3/4	2,919.03	3/4	3,277.99
2	74.60	2	425.95	2	777.69	2	1,135.77	2	1,491.30	2	1,849.62	2	2,208.59	2	2,567.55	2	2,926.51	2	3,285.46
1/4	81.78	1/4	433.40	1/4	785.17	1/4	1,143.22	1/4	1,498.62	1/4	1,857.10	1/4	2,216.07	1/4	2,575.03	1/4	2,933.98	1/4	3,292.94
1/2	88.97	1/2	440.85	1/2	792.65	1/2	1,150.67	1/2	1,505.94	1/2	1,864.58	1/2	2,223.55	1/2	2,582.50	1/2	2,941.46	1/2	3,300.42
3/4	95.74	3/4	448.30	3/4	800.13	3/4	1,158.12	3/4	1,513.33	3/4	1,872.06	3/4	2,231.02	3/4	2,589.98	3/4	2,948.94	3/4	3,307.90
3	102.51	3	455.76	3	807.61	3	1,165.57	3	1,520.73	3	1,879.54	3	2,238.50	3	2,597.46	3	2,956.42	3	3,315.38
1/4	109.29	1/4	463.22	1/4	815.08	1/4	1,173.02	1/4	1,528.13	1/4	1,887.01	1/4	2,245.98	1/4	2,604.94	1/4	2,963.90	1/4	3,322.86
1/2	116.06	1/2	470.67	1/2	822.56	1/2	1,180.48	1/2	1,535.52	1/2	1,894.49	1/2	2,253.46	1/2	2,612.42	1/2	2,971.38	1/2	3,330.33
3/4	122.85	3/4	477.92	3/4	830.04	3/4	1,187.94	3/4	1,543.00	3/4	1,901.97	3/4	2,260.94	3/4	2,619.90	3/4	2,978.85	3/4	3,337.81
4	129.63	4	485.17	4	837.52	4	1,195.41	4	1,550.48	4	1,909.45	4	2,268.41	4	2,627.37	4	2,986.33	4	3,345.29
1/4	136.42	1/4	492.42	1/4	845.00	1/4	1,202.88	1/4	1,557.96	1/4	1,916.93	1/4	2,275.89	1/4	2,634.85	1/4	2,993.81	1/4	3,352.77
1/2	143.20	1/2	499.67	1/2	852.48	1/2	1,210.34	1/2	1,565.44	1/2	1,924.41	1/2	2,283.37	1/2	2,642.33	1/2	3,001.29	1/2	3,360.25
3/4	150.43	3/4	506.49	3/4	859.96	3/4	1,217.82	3/4	1,572.92	3/4	1,931.88	3/4	2,290.85	3/4	2,649.81	3/4	3,008.77	3/4	3,367.73
5	157.66	5	513.31	5	867.44	5	1,225.30	5	1,580.40	5	1,939.36	5	2,298.33	5	2,657.29	5	3,016.24	5	3,375.20
1/4	164.88	1/4	520.12	1/4	874.92	1/4	1,232.78	1/4	1,587.87	1/4	1,946.84	1/4	2,305.81	1/4	2,664.76	1/4	3,023.72	1/4	3,382.68
1/2	172.11	1/2	526.94	1/2	882.39	1/2	1,240.26	1/2	1,595.35	1/2	1,954.32	1/2	2,313.28	1/2	2,672.24	1/2	3,031.20	1/2	3,390.16
3/4	179.55	3/4	533.75	3/4	889.86	3/4	1,247.74	3/4	1,602.83	3/4	1,961.80	3/4	2,320.76	3/4	2,679.72	3/4	3,038.68	3/4	3,397.64
6	187.00	6	540.57	6	897.33	6	1,255.22	6	1,610.31	6	1,969.28	6	2,328.24	6	2,687.20	6	3,046.16	6	3,405.12
1/4	194.45	1/4	547.39	1/4	904.79	1/4	1,262.70	1/4	1,617.79	1/4	1,976.76	1/4	2,335.72	1/4	2,694.68	1/4	3,053.64	1/4	3,412.59
1/2	201.89	1/2	554.20	1/2	912.26	1/2	1,270.18	1/2	1,625.27	1/2	1,984.23	1/2	2,343.20	1/2	2,702.16	1/2	3,061.11	1/2	3,420.07
3/4	209.35	3/4	561.46	3/4	919.71	3/4	1,277.66	3/4	1,632.74	3/4	1,991.71	3/4	2,350.68	3/4	2,709.63	3/4	3,068.59	3/4	3,427.55
7	216.81	7	568.72	7	927.16	7	1,285.13	7	1,640.22	7	1,999.19	7	2,358.15	7	2,717.11	7	3,076.07	7	3,435.03
1/4	224.26	1/4	575.98	1/4	934.62	1/4	1,292.61	1/4	1,647.70	1/4	2,006.67	1/4	2,365.63	1/4	2,724.59	1/4	3,083.55	1/4	3,442.51
1/2	231.72	1/2	583.23	1/2	942.07	1/2	1,300.09	1/2	1,655.18	1/2	2,014.15	1/2	2,373.11	1/2	2,732.07	1/2	3,091.03	1/2	3,449.99
3/4	239.19	3/4	590.71	3/4	949.52	3/4	1,307.57	3/4	1,662.66	3/4	2,021.63	3/4	2,380.59	3/4	2,739.55	3/4	3,098.51	3/4	3,457.46
8	246.66	8	598.19	8	956.97	8	1,315.05	8	1,670.14	8	2,029.11	8	2,388.07	8	2,747.03	8	3,105.98	8	3,464.94
1/4	254.13	1/4	605.67	1/4	964.42	1/4	1,322.53	1/4	1,677.62	1/4	2,036.59	1/4	2,395.55	1/4	2,754.50	1/4	3,113.46	1/4	3,472.42
1/2	261.60	1/2	613.15	1/2	971.87	1/2	1,330.01	1/2	1,685.09	1/2	2,044.07	1/2	2,403.02	1/2	2,761.98	1/2	3,120.94	1/2	3,479.90
3/4	269.08	3/4	620.63	3/4	979.32	3/4	1,337.41	3/4	1,692.57	3/4	2,051.54	3/4	2,410.50	3/4	2,769.46	3/4	3,128.42	3/4	3,487.38
9	276.56	9	628.11	9	986.77	9	1,344.81	9	1,700.05	9	2,059.02	9	2,417.98	9	2,776.94	9	3,135.90	9	3,494.86
1/4	284.04	1/4	635.59	1/4	994.22	1/4	1,352.20	1/4	1,707.53	1/4	2,066.50	1/4	2,425.46	1/4	2,784.42	1/4	3,143.38	1/4	3,502.33
1/2	291.51	1/2	643.07	1/2	1,001.67	1/2	1,359.60	1/2	1,715.01	1/2	2,073.98	1/2	2,432.94	1/2	2,791.90	1/2	3,150.85	1/2	3,509.81
3/4	298.99	3/4	650.55	3/4	1,009.12	3/4	1,366.92	3/4	1,722.49	3/4	2,081.46	3/4	2,440.42	3/4	2,799.37	3/4	3,158.33	3/4	3,517.29
10	306.47	10	658.03	10	1,016.57	10	1,374.24	10	1,729.97	10	2,088.94	10	2,447.89	10	2,806.85	10	3,165.81	10	3,524.77
1/4	313.95	1/4	665.51	1/4	1,024.02	1/4	1,381.55	1/4	1,737.44	1/4	2,096.41	1/4	2,455.37	1/4	2,814.33	1/4	3,173.29	1/4	3,532.25
1/2	321.43	1/2	672.99	1/2	1,031.47	1/2	1,388.87	1/2	1,744.92	1/2	2,103.89	1/2	2,462.85	1/2	2,821.81	1/2	3,180.77	1/2	3,539.73
3/4	328.90	3/4	680.46	3/4	1,038.92	3/4	1,396.19	3/4	1,752.40	3/4	2,111.37	3/4	2,470.33	3/4	2,829.29	3/4	3,188.25	3/4	3,547.20
11	336.38	11	687.94	11	1,046.37	11	1,403.50	11	1,759.88	11	2,118.85	11	2,477.81	11	2,836.77	11	3,195.72	11	3,554.68
1/4	343.86	1/4	695.42	1/4	1,053.82	1/4	1,410.82	1/4	1,767.36	1/4	2,126.33	1/4	2,485.29	1/4	2,844.24	1/4	3,203.20	1/4	3,562.16
1/2	351.34	1/2	702.90	1/2	1,061.27	1/2	1,418.14	1/2	1,774.84	1/2	2,133.81	1/2	2,492.76	1/2	2,851.72	1/2	3,210.68	1/2	3,569.64
3/4	358.81	3/4	710.38	3/4	1,068.72	3/4	1,425.45	3/4	1,782.31	3/4	2,141.28	3/4	2,500.24	3/4	2,859.20	3/4	3,218.16	3/4	3,577.12

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 THAT EXPANDS TO 4".
 GAUGE POINT: (MANUAL) LOCATED 12'-09" OFF CENTERLINE AND 45'-03" 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 27766"

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	3,584.60	0	3,942.05	0	4,282.62	0	4,598.61	0		0		0		0		0		0	
1/4	3,592.07	1/4	3,949.37	1/4	4,289.44	1/4	4,604.97	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,599.55	1/2	3,956.68	1/2	4,296.26	1/2	4,611.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,607.03	3/4	3,963.96	3/4	4,303.02	3/4	4,617.67	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,614.51	1	3,971.24	1	4,309.79	1	4,624.00	1		1		1		1		1		1	
1/4	3,621.99	1/4	3,978.52	1/4	4,316.55	1/4	4,630.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,629.47	1/2	3,985.80	1/2	4,323.31	1/2	4,636.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,636.94	3/4	3,993.05	3/4	4,330.04	3/4	4,643.23	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,644.42	2	4,000.29	2	4,336.76	2	4,649.81	2		2		2		2		2		2	
1/4	3,651.90	1/4	4,007.54	1/4	4,343.49	1/4	4,656.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,659.38	1/2	4,014.78	1/2	4,350.22	1/2	4,662.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,666.86	3/4	4,021.99	3/4	4,356.91	3/4	4,670.09	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,674.34	3	4,029.19	3	4,363.60	3	4,677.20	3		3		3		3		3		3	
1/4	3,681.81	1/4	4,036.40	1/4	4,370.29	1/4	4,684.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,689.29	1/2	4,043.61	1/2	4,376.98	1/2	4,691.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,696.77	3/4	4,050.78	3/4	4,383.63	3/4	4,698.84	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,704.25	4	4,057.95	4	4,390.29	4	4,706.23	4		4		4		4		4		4	
1/4	3,711.73	1/4	4,065.13	1/4	4,396.94	1/4	4,713.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,719.21	1/2	4,072.30	1/2	4,403.59	1/2	4,721.02	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,726.68	3/4	4,079.43	3/4	4,410.21	3/4	4,728.24	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,734.16	5	4,086.57	5	4,416.83	5	4,735.46	5		5		5		5		5		5	
1/4	3,741.64	1/4	4,093.70	1/4	4,423.45	1/4	4,742.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,749.12	1/2	4,100.84	1/2	4,430.07	1/2	4,749.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,756.60	3/4	4,107.94	3/4	4,436.65	3/4	4,756.33	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,764.07	6	4,115.04	6	4,443.23	6	4,762.77	6		6		6		6		6		6	
1/4	3,771.55	1/4	4,122.14	1/4	4,449.81	1/4	4,769.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,779.03	1/2	4,129.24	1/2	4,456.40	1/2	4,775.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,786.51	3/4	4,136.30	3/4	4,462.94	3/4	4,780.87	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,793.98	7	4,143.37	7	4,469.49	7	4,786.08	7		7		7		7		7		7	
1/4	3,801.46	1/4	4,150.43	1/4	4,476.03	1/4	4,791.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,808.94	1/2	4,157.49	1/2	4,482.58	1/2	4,796.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,816.39	3/4	4,164.52	3/4	4,489.09	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,823.85	8	4,171.55	8	4,495.60	8		8		8		8		8		8		8	
1/4	3,831.31	1/4	4,178.57	1/4	4,502.11	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,838.76	1/2	4,185.60	1/2	4,508.62	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,846.19	3/4	4,192.59	3/4	4,515.09	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,853.61	9	4,199.58	9	4,521.57	9		9		9		9		9		9		9	
1/4	3,861.03	1/4	4,206.58	1/4	4,528.04	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,868.46	1/2	4,213.57	1/2	4,534.52	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,875.85	3/4	4,220.52	3/4	4,540.95	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,883.23	10	4,227.48	10	4,547.39	10		10		10		10		10		10		10	
1/4	3,890.62	1/4	4,234.43	1/4	4,553.83	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,898.01	1/2	4,241.39	1/2	4,560.27	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,905.36	3/4	4,248.29	3/4	4,566.67	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,912.72	11	4,255.18	11	4,573.07	11		11		11		11		11		11		11	
1/4	3,920.07	1/4	4,262.08	1/4	4,579.47	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,927.42	1/2	4,268.98	1/2	4,585.87	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,934.74	3/4	4,275.80	3/4	4,592.24	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/22/2011 CL - SW
 RECALCULATED: 09/23/2021 PMA
 REPRINTED: 09/23/2021 PMA

CANCELS AND SUPERCEDES
 ALL PRIOR TO 09/2021

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



BARGE "KIRBY 27766"

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	46.26	0	318.82	0	664.95	0	1,010.32	0	1,359.97	0	1,714.56	0	2,070.67	0	2,426.77	0	2,782.88	0	3,139.02
1/4	46.77	1/4	326.22	1/4	672.16	1/4	1,017.50	1/4	1,367.23	1/4	1,721.98	1/4	2,078.09	1/4	2,434.19	1/4	2,790.30	1/4	3,146.47
1/2	47.28	1/2	333.61	1/2	679.38	1/2	1,024.68	1/2	1,374.49	1/2	1,729.40	1/2	2,085.51	1/2	2,441.61	1/2	2,797.71	1/2	3,153.91
3/4	48.63	3/4	341.01	3/4	686.59	3/4	1,031.86	3/4	1,381.72	3/4	1,736.82	3/4	2,092.93	3/4	2,449.03	3/4	2,805.13	3/4	3,161.35
1	49.98	1	348.40	1	693.80	1	1,039.05	1	1,388.96	1	1,744.24	1	2,100.35	1	2,456.45	1	2,812.55	1	3,168.79
1/4	51.33	1/4	355.79	1/4	701.02	1/4	1,046.23	1/4	1,396.19	1/4	1,751.66	1/4	2,107.77	1/4	2,463.87	1/4	2,819.97	1/4	3,176.23
1/2	52.68	1/2	363.19	1/2	708.23	1/2	1,053.41	1/2	1,403.43	1/2	1,759.08	1/2	2,115.18	1/2	2,471.29	1/2	2,827.39	1/2	3,183.68
3/4	54.85	3/4	370.60	3/4	715.44	3/4	1,060.60	3/4	1,410.82	3/4	1,766.50	3/4	2,122.60	3/4	2,478.71	3/4	2,834.81	3/4	3,191.12
2	57.03	2	378.01	2	722.66	2	1,067.78	2	1,418.22	2	1,773.91	2	2,130.02	2	2,486.12	2	2,842.23	2	3,198.56
1/4	59.20	1/4	385.41	1/4	729.87	1/4	1,074.97	1/4	1,425.61	1/4	1,781.33	1/4	2,137.44	1/4	2,493.54	1/4	2,849.65	1/4	3,206.00
1/2	61.38	1/2	392.82	1/2	737.09	1/2	1,082.16	1/2	1,433.01	1/2	1,788.75	1/2	2,144.86	1/2	2,500.96	1/2	2,857.06	1/2	3,213.44
3/4	65.23	3/4	399.81	3/4	744.30	3/4	1,089.35	3/4	1,440.40	3/4	1,796.17	3/4	2,152.28	3/4	2,508.38	3/4	2,864.48	3/4	3,220.88
3	69.09	3	406.79	3	751.51	3	1,096.54	3	1,447.80	3	1,803.59	3	2,159.70	3	2,515.80	3	2,871.90	3	3,228.33
1/4	72.94	1/4	413.78	1/4	758.73	1/4	1,103.74	1/4	1,455.20	1/4	1,811.01	1/4	2,167.12	1/4	2,523.22	1/4	2,879.32	1/4	3,235.77
1/2	76.80	1/2	420.76	1/2	765.94	1/2	1,110.93	1/2	1,462.59	1/2	1,818.43	1/2	2,174.54	1/2	2,530.64	1/2	2,886.74	1/2	3,243.21
3/4	82.32	3/4	427.30	3/4	773.15	3/4	1,118.33	3/4	1,469.99	3/4	1,825.85	3/4	2,181.95	3/4	2,538.06	3/4	2,894.16	3/4	3,250.65
4	87.85	4	433.85	4	780.37	4	1,125.74	4	1,477.38	4	1,833.27	4	2,189.37	4	2,545.48	4	2,901.58	4	3,258.09
1/4	93.38	1/4	440.39	1/4	787.58	1/4	1,133.14	1/4	1,484.78	1/4	1,840.69	1/4	2,196.79	1/4	2,552.89	1/4	2,909.00	1/4	3,265.53
1/2	98.91	1/2	446.94	1/2	794.79	1/2	1,140.55	1/2	1,492.17	1/2	1,848.11	1/2	2,204.21	1/2	2,560.31	1/2	2,916.42	1/2	3,272.98
3/4	105.68	3/4	453.92	3/4	801.98	3/4	1,147.95	3/4	1,499.57	3/4	1,855.53	3/4	2,211.63	3/4	2,567.73	3/4	2,923.83	3/4	3,280.42
5	112.46	5	460.91	5	809.17	5	1,155.35	5	1,506.96	5	1,862.94	5	2,219.05	5	2,575.15	5	2,931.25	5	3,287.86
1/4	119.23	1/4	467.89	1/4	816.36	1/4	1,162.76	1/4	1,514.36	1/4	1,870.36	1/4	2,226.47	1/4	2,582.57	1/4	2,938.67	1/4	3,295.30
1/2	126.00	1/2	474.87	1/2	823.55	1/2	1,170.16	1/2	1,521.76	1/2	1,877.78	1/2	2,233.89	1/2	2,589.99	1/2	2,946.09	1/2	3,302.74
3/4	133.41	3/4	482.30	3/4	830.73	3/4	1,177.56	3/4	1,529.15	3/4	1,885.20	3/4	2,241.30	3/4	2,597.41	3/4	2,953.51	3/4	3,306.73
6	140.82	6	489.72	6	837.92	6	1,184.97	6	1,536.55	6	1,892.62	6	2,248.72	6	2,604.83	6	2,960.93	6	3,310.73
1/4	148.23	1/4	497.15	1/4	845.10	1/4	1,192.37	1/4	1,543.94	1/4	1,900.04	1/4	2,256.14	1/4	2,612.24	1/4	2,968.35	1/4	3,314.72
1/2	155.64	1/2	504.57	1/2	852.29	1/2	1,199.78	1/2	1,551.34	1/2	1,907.46	1/2	2,263.56	1/2	2,619.66	1/2	2,975.77	1/2	3,318.71
3/4	163.06	3/4	511.99	3/4	859.47	3/4	1,207.18	3/4	1,558.76	3/4	1,914.88	3/4	2,270.98	3/4	2,627.08	3/4	2,983.18	3/4	3,322.70
7	170.48	7	519.42	7	866.66	7	1,214.58	7	1,566.18	7	1,922.30	7	2,278.40	7	2,634.50	7	2,990.60	7	3,326.70
1/4	177.91	1/4	526.84	1/4	873.84	1/4	1,221.99	1/4	1,573.60	1/4	1,929.71	1/4	2,285.82	1/4	2,641.92	1/4	2,998.02	1/4	3,330.69
1/2	185.33	1/2	534.27	1/2	881.03	1/2	1,229.39	1/2	1,581.02	1/2	1,937.13	1/2	2,293.24	1/2	2,649.34	1/2	3,005.44	1/2	3,334.68
3/4	192.75	3/4	541.69	3/4	888.21	3/4	1,236.63	3/4	1,588.43	3/4	1,944.55	3/4	2,300.65	3/4	2,656.76	3/4	3,012.86	3/4	3,338.67
8	200.17	8	549.11	8	895.39	8	1,243.88	8	1,595.85	8	1,951.97	8	2,308.07	8	2,664.18	8	3,020.28	8	3,342.67
1/4	207.60	1/4	556.54	1/4	902.58	1/4	1,251.12	1/4	1,603.27	1/4	1,959.39	1/4	2,315.49	1/4	2,671.59	1/4	3,027.70	1/4	3,346.66
1/2	215.02	1/2	563.96	1/2	909.76	1/2	1,258.36	1/2	1,610.69	1/2	1,966.81	1/2	2,322.91	1/2	2,679.01	1/2	3,035.12	1/2	3,350.65
3/4	222.44	3/4	571.17	3/4	916.95	3/4	1,265.62	3/4	1,618.11	3/4	1,974.23	3/4	2,330.33	3/4	2,686.43	3/4	3,042.53	3/4	3,354.64
9	229.87	9	578.39	9	924.13	9	1,272.88	9	1,625.53	9	1,981.65	9	2,337.75	9	2,693.85	9	3,049.95	9	3,358.64
1/4	237.29	1/4	585.60	1/4	931.31	1/4	1,280.14	1/4	1,632.95	1/4	1,989.07	1/4	2,345.17	1/4	2,701.27	1/4	3,057.37	1/4	3,362.63
1/2	244.71	1/2	592.82	1/2	938.49	1/2	1,287.39	1/2	1,640.37	1/2	1,996.48	1/2	2,352.59	1/2	2,708.69	1/2	3,064.79	1/2	3,366.62
3/4	252.13	3/4	600.03	3/4	945.68	3/4	1,294.65	3/4	1,647.79	3/4	2,003.90	3/4	2,360.01	3/4	2,716.11	3/4	3,072.21	3/4	3,370.61
10	259.56	10	607.24	10	952.86	10	1,301.91	10	1,655.21	10	2,011.32	10	2,367.42	10	2,723.53	10	3,079.63	10	3,374.61
1/4	266.98	1/4	614.46	1/4	960.04	1/4	1,309.17	1/4	1,662.63	1/4	2,018.74	1/4	2,374.84	1/4	2,730.95	1/4	3,087.05	1/4	3,378.60
1/2	274.40	1/2	621.67	1/2	967.22	1/2	1,316.43	1/2	1,670.05	1/2	2,026.16	1/2	2,382.26	1/2	2,738.36	1/2	3,094.47	1/2	3,382.59
3/4	281.81	3/4	628.88	3/4	974.40	3/4	1,323.68	3/4	1,677.46	3/4	2,033.58	3/4	2,389.68	3/4	2,745.78	3/4	3,101.89	3/4	3,386.58
11	289.22	11	636.10	11	981.59	11	1,330.94	11	1,684.88	11	2,041.00	11	2,397.10	11	2,753.20	11	3,109.30	11	3,390.58
1/4	296.63	1/4	643.31	1/4	988.77	1/4	1,338.20	1/4	1,692.30	1/4	2,048.42	1/4	2,404.52	1/4	2,760.62	1/4	3,116.72	1/4	3,394.57
1/2	304.04	1/2	650.52	1/2	995.95	1/2	1,345.46	1/2	1,699.72	1/2	2,055.83	1/2	2,411.94	1/2	2,768.04	1/2	3,124.14	1/2	3,398.56
3/4	311.43	3/4	657.74	3/4	1,003.13	3/4	1,352.72	3/4	1,707.14	3/4	2,063.25	3/4	2,419.36	3/4	2,775.46	3/4	3,131.58	3/4	3,402.55

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 THAT EXPANDS TO 4".

GAUGE POINT: (MANUAL) LOCATED 12'-09" OFF CENTERLINE AND 51'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 27766"

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	3,406.55	0	3,596.78	0	3,776.65	0	3,942.07	0		0		0		0		0		0	
1/4	3,410.54	1/4	3,600.65	1/4	3,780.21	1/4	3,945.40	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,414.53	1/2	3,604.53	1/2	3,783.78	1/2	3,948.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,418.52	3/4	3,608.39	3/4	3,787.32	3/4	3,952.34	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,422.52	1	3,612.25	1	3,790.86	1	3,955.96	1		1		1		1		1		1	
1/4	3,426.51	1/4	3,616.10	1/4	3,794.40	1/4	3,959.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,430.50	1/2	3,619.96	1/2	3,797.95	1/2	3,963.19	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,434.49	3/4	3,623.80	3/4	3,801.47	3/4	3,967.10	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,438.49	2	3,627.64	2	3,804.99	2	3,971.00	2		2		2		2		2		2	
1/4	3,442.48	1/4	3,631.48	1/4	3,808.51	1/4	3,974.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,446.47	1/2	3,635.31	1/2	3,812.04	1/2	3,978.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,450.46	3/4	3,639.13	3/4	3,815.54	3/4	3,982.73	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,454.46	3	3,642.95	3	3,819.05	3	3,986.64	3		3		3		3		3		3	
1/4	3,458.45	1/4	3,646.77	1/4	3,822.55	1/4	3,990.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,462.44	1/2	3,650.59	1/2	3,826.05	1/2	3,994.45	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,466.43	3/4	3,654.39	3/4	3,829.54	3/4	3,998.01	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,470.43	4	3,658.19	4	3,833.02	4	4,001.57	4		4		4		4		4		4	
1/4	3,474.42	1/4	3,661.99	1/4	3,836.51	1/4	4,005.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,478.41	1/2	3,665.79	1/2	3,839.99	1/2	4,008.69	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,482.40	3/4	3,669.57	3/4	3,843.46	3/4	4,011.04	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,486.40	5	3,673.35	5	3,846.92	5	4,013.40	5		5		5		5		5		5	
1/4	3,490.39	1/4	3,677.13	1/4	3,850.39	1/4	4,015.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,494.38	1/2	3,680.91	1/2	3,853.85	1/2	4,018.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,498.37	3/4	3,684.68	3/4	3,857.30	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,502.36	6	3,688.44	6	3,860.75	6		6		6		6		6		6		6	
1/4	3,506.34	1/4	3,692.20	1/4	3,864.19	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,510.33	1/2	3,695.96	1/2	3,867.64	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,514.30	3/4	3,699.70	3/4	3,871.07	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,518.27	7	3,703.45	7	3,874.49	7		7		7		7		7		7		7	
1/4	3,522.25	1/4	3,707.19	1/4	3,877.92	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,526.22	1/2	3,710.93	1/2	3,881.35	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,530.17	3/4	3,714.65	3/4	3,884.75	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,534.13	8	3,718.38	8	3,888.16	8		8		8		8		8		8		8	
1/4	3,538.08	1/4	3,722.10	1/4	3,891.57	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,542.04	1/2	3,725.82	1/2	3,894.98	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,545.97	3/4	3,729.53	3/4	3,898.37	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,549.91	9	3,733.23	9	3,901.75	9		9		9		9		9		9		9	
1/4	3,553.84	1/4	3,736.93	1/4	3,905.14	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,557.78	1/2	3,740.64	1/2	3,908.53	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,561.69	3/4	3,744.28	3/4	3,911.90	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,565.61	10	3,747.92	10	3,915.27	10		10		10		10		10		10		10	
1/4	3,569.52	1/4	3,751.56	1/4	3,918.64	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,573.44	1/2	3,755.21	1/2	3,922.01	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,577.33	3/4	3,758.79	3/4	3,925.36	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,581.23	11	3,762.37	11	3,928.71	11		11		11		11		11		11		11	
1/4	3,585.13	1/4	3,765.95	1/4	3,932.06	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,589.02	1/2	3,769.53	1/2	3,935.41	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,592.90	3/4	3,773.09	3/4	3,938.74	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/22/2011 CL - SW
RECALCULATED: 09/23/2021 PMA
REPRINTED: 09/23/2021 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2021

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



BARGE "KIRBY 27766"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 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	46.30	0	319.72	0	669.62	0	1,025.93	0	1,379.91	0	1,736.09	0	2,093.23	0	2,450.36	0	2,807.49	0	3,164.63
1/4	46.82	1/4	327.13	1/4	677.06	1/4	1,033.34	1/4	1,387.19	1/4	1,743.53	1/4	2,100.67	1/4	2,457.80	1/4	2,814.94	1/4	3,172.07
1/2	47.35	1/2	334.54	1/2	684.50	1/2	1,040.76	1/2	1,394.47	1/2	1,750.97	1/2	2,108.11	1/2	2,465.24	1/2	2,822.38	1/2	3,179.51
3/4	48.72	3/4	341.95	3/4	691.94	3/4	1,048.17	3/4	1,401.75	3/4	1,758.41	3/4	2,115.55	3/4	2,472.68	3/4	2,829.82	3/4	3,186.95
1	50.09	1	349.36	1	699.38	1	1,055.58	1	1,409.03	1	1,765.85	1	2,122.99	1	2,480.12	1	2,837.26	1	3,194.39
1/4	51.46	1/4	356.77	1/4	706.82	1/4	1,062.99	1/4	1,416.31	1/4	1,773.29	1/4	2,130.43	1/4	2,487.56	1/4	2,844.70	1/4	3,201.83
1/2	52.83	1/2	364.19	1/2	714.26	1/2	1,070.40	1/2	1,423.59	1/2	1,780.73	1/2	2,137.87	1/2	2,495.00	1/2	2,852.14	1/2	3,209.27
3/4	55.02	3/4	371.61	3/4	721.70	3/4	1,077.82	3/4	1,431.03	3/4	1,788.17	3/4	2,145.31	3/4	2,502.44	3/4	2,859.58	3/4	3,216.71
2	57.22	2	379.04	2	729.14	2	1,085.24	2	1,438.47	2	1,795.61	2	2,152.75	2	2,509.88	2	2,867.02	2	3,224.15
1/4	59.41	1/4	386.46	1/4	736.59	1/4	1,092.65	1/4	1,445.91	1/4	1,803.05	1/4	2,160.19	1/4	2,517.32	1/4	2,874.46	1/4	3,231.59
1/2	61.61	1/2	393.89	1/2	744.03	1/2	1,100.07	1/2	1,453.35	1/2	1,810.49	1/2	2,167.63	1/2	2,524.76	1/2	2,881.90	1/2	3,239.03
3/4	65.48	3/4	400.89	3/4	751.47	3/4	1,107.51	3/4	1,460.79	3/4	1,817.93	3/4	2,175.07	3/4	2,532.20	3/4	2,889.34	3/4	3,246.47
3	69.35	3	407.89	3	758.91	3	1,114.95	3	1,468.23	3	1,825.37	3	2,182.51	3	2,539.64	3	2,896.78	3	3,253.91
1/4	73.22	1/4	414.90	1/4	766.35	1/4	1,122.39	1/4	1,475.67	1/4	1,832.81	1/4	2,189.95	1/4	2,547.08	1/4	2,904.22	1/4	3,261.35
1/2	77.10	1/2	421.90	1/2	773.79	1/2	1,129.83	1/2	1,483.11	1/2	1,840.25	1/2	2,197.39	1/2	2,554.52	1/2	2,911.66	1/2	3,268.79
3/4	82.65	3/4	428.46	3/4	781.23	3/4	1,137.27	3/4	1,490.55	3/4	1,847.69	3/4	2,204.83	3/4	2,561.97	3/4	2,919.10	3/4	3,276.23
4	88.19	4	435.02	4	788.67	4	1,144.71	4	1,497.99	4	1,855.14	4	2,212.27	4	2,569.41	4	2,926.54	4	3,283.67
1/4	93.74	1/4	441.58	1/4	796.11	1/4	1,152.16	1/4	1,505.43	1/4	1,862.58	1/4	2,219.71	1/4	2,576.85	1/4	2,933.98	1/4	3,291.11
1/2	99.29	1/2	448.15	1/2	803.55	1/2	1,159.60	1/2	1,512.87	1/2	1,870.02	1/2	2,227.15	1/2	2,584.29	1/2	2,941.42	1/2	3,298.55
3/4	106.08	3/4	455.15	3/4	810.97	3/4	1,167.04	3/4	1,520.31	3/4	1,877.46	3/4	2,234.59	3/4	2,591.73	3/4	2,948.86	3/4	3,306.00
5	112.87	5	462.15	5	818.39	5	1,174.48	5	1,527.75	5	1,884.90	5	2,242.03	5	2,599.17	5	2,956.30	5	3,313.44
1/4	119.66	1/4	469.15	1/4	825.80	1/4	1,181.92	1/4	1,535.19	1/4	1,892.34	1/4	2,249.47	1/4	2,606.61	1/4	2,963.74	1/4	3,320.88
1/2	126.45	1/2	476.15	1/2	833.22	1/2	1,189.36	1/2	1,542.63	1/2	1,899.78	1/2	2,256.91	1/2	2,614.05	1/2	2,971.18	1/2	3,328.32
3/4	133.88	3/4	483.59	3/4	840.63	3/4	1,196.80	3/4	1,550.07	3/4	1,907.22	3/4	2,264.35	3/4	2,621.49	3/4	2,978.62	3/4	3,335.76
6	141.30	6	491.03	6	848.04	6	1,204.24	6	1,557.52	6	1,914.66	6	2,271.79	6	2,628.93	6	2,986.06	6	3,343.20
1/4	148.73	1/4	498.48	1/4	855.46	1/4	1,211.68	1/4	1,564.96	1/4	1,922.10	1/4	2,279.23	1/4	2,636.37	1/4	2,993.50	1/4	3,350.64
1/2	156.15	1/2	505.92	1/2	862.87	1/2	1,219.13	1/2	1,572.40	1/2	1,929.54	1/2	2,286.67	1/2	2,643.81	1/2	3,000.94	1/2	3,358.08
3/4	163.59	3/4	513.36	3/4	870.28	3/4	1,226.57	3/4	1,579.84	3/4	1,936.98	3/4	2,294.11	3/4	2,651.25	3/4	3,008.38	3/4	3,365.52
7	171.03	7	520.80	7	877.69	7	1,234.01	7	1,587.28	7	1,944.42	7	2,301.55	7	2,658.69	7	3,015.82	7	3,372.96
1/4	178.47	1/4	528.24	1/4	885.10	1/4	1,241.45	1/4	1,594.72	1/4	1,951.86	1/4	2,308.99	1/4	2,666.13	1/4	3,023.26	1/4	3,380.40
1/2	185.91	1/2	535.68	1/2	892.52	1/2	1,248.89	1/2	1,602.16	1/2	1,959.30	1/2	2,316.44	1/2	2,673.57	1/2	3,030.70	1/2	3,387.84
3/4	193.35	3/4	543.12	3/4	899.93	3/4	1,256.17	3/4	1,609.60	3/4	1,966.74	3/4	2,323.88	3/4	2,681.01	3/4	3,038.14	3/4	3,395.28
8	200.79	8	550.56	8	907.34	8	1,263.45	8	1,617.04	8	1,974.18	8	2,331.32	8	2,688.45	8	3,045.58	8	3,402.72
1/4	208.23	1/4	558.01	1/4	914.75	1/4	1,270.73	1/4	1,624.48	1/4	1,981.62	1/4	2,338.76	1/4	2,695.89	1/4	3,053.02	1/4	3,410.16
1/2	215.67	1/2	565.45	1/2	922.16	1/2	1,278.01	1/2	1,631.92	1/2	1,989.06	1/2	2,346.20	1/2	2,703.33	1/2	3,060.47	1/2	3,417.60
3/4	223.11	3/4	572.89	3/4	929.58	3/4	1,285.29	3/4	1,639.36	3/4	1,996.50	3/4	2,353.64	3/4	2,710.77	3/4	3,067.91	3/4	3,425.04
9	230.55	9	580.33	9	936.99	9	1,292.57	9	1,646.80	9	2,003.94	9	2,361.08	9	2,718.21	9	3,075.35	9	3,432.48
1/4	237.99	1/4	587.77	1/4	944.40	1/4	1,299.85	1/4	1,654.24	1/4	2,011.38	1/4	2,368.52	1/4	2,725.65	1/4	3,082.79	1/4	3,439.92
1/2	245.43	1/2	595.21	1/2	951.81	1/2	1,307.13	1/2	1,661.68	1/2	2,018.82	1/2	2,375.96	1/2	2,733.09	1/2	3,090.23	1/2	3,447.36
3/4	252.87	3/4	602.65	3/4	959.22	3/4	1,314.41	3/4	1,669.12	3/4	2,026.26	3/4	2,383.40	3/4	2,740.53	3/4	3,097.67	3/4	3,454.80
10	260.31	10	610.09	10	966.64	10	1,321.68	10	1,676.56	10	2,033.70	10	2,390.84	10	2,747.97	10	3,105.11	10	3,462.24
1/4	267.75	1/4	617.53	1/4	974.05	1/4	1,328.96	1/4	1,684.00	1/4	2,041.14	1/4	2,398.28	1/4	2,755.41	1/4	3,112.55	1/4	3,469.68
1/2	275.19	1/2	624.97	1/2	981.46	1/2	1,336.24	1/2	1,691.44	1/2	2,048.58	1/2	2,405.72	1/2	2,762.85	1/2	3,119.99	1/2	3,477.12
3/4	282.62	3/4	632.41	3/4	988.87	3/4	1,343.52	3/4	1,698.88	3/4	2,056.02	3/4	2,413.16	3/4	2,770.29	3/4	3,127.43	3/4	3,484.56
11	290.04	11	639.86	11	996.28	11	1,350.80	11	1,706.33	11	2,063.46	11	2,420.60	11	2,777.73	11	3,134.87	11	3,492.00
1/4	297.47	1/4	647.30	1/4	1,003.70	1/4	1,358.08	1/4	1,713.77	1/4	2,070.91	1/4	2,428.04	1/4	2,785.17	1/4	3,142.31	1/4	3,499.44
1/2	304.90	1/2	654.74	1/2	1,011.11	1/2	1,365.36	1/2	1,721.21	1/2	2,078.35	1/2	2,435.48	1/2	2,792.61	1/2	3,149.75	1/2	3,506.88
3/4	312.31	3/4	662.18	3/4	1,018.52	3/4	1,372.64	3/4	1,728.65	3/4	2,085.79	3/4	2,442.92	3/4	2,800.05	3/4	3,157.19	3/4	3,514.32

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 THAT EXPANDS TO 4".
 GAUGE POINT: (MANUAL) LOCATED 12'-09" OFF CENTERLINE AND 51'-03" 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 27766"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 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	3,432.13	0	3,622.39	0	3,802.28	0	3,967.73	0		0		0		0		0		0	
1/4	3,436.13	1/4	3,626.26	1/4	3,805.85	1/4	3,971.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,440.12	1/2	3,630.14	1/2	3,809.41	1/2	3,974.39	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,444.11	3/4	3,634.00	3/4	3,812.95	3/4	3,978.00	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,448.11	1	3,637.86	1	3,816.49	1	3,981.62	1		1		1		1		1		1	
1/4	3,452.10	1/4	3,641.71	1/4	3,820.04	1/4	3,985.23	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,456.09	1/2	3,645.57	1/2	3,823.58	1/2	3,988.85	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,460.08	3/4	3,649.41	3/4	3,827.10	3/4	3,992.76	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,464.08	2	3,653.25	2	3,830.63	2	3,996.66	2		2		2		2		2		2	
1/4	3,468.07	1/4	3,657.09	1/4	3,834.15	1/4	4,000.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,472.06	1/2	3,660.93	1/2	3,837.67	1/2	4,004.48	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,476.06	3/4	3,664.75	3/4	3,841.18	3/4	4,008.39	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,480.05	3	3,668.57	3	3,844.68	3	4,012.30	3		3		3		3		3		3	
1/4	3,484.04	1/4	3,672.39	1/4	3,848.19	1/4	4,016.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,488.04	1/2	3,676.21	1/2	3,851.69	1/2	4,020.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,492.03	3/4	3,680.01	3/4	3,855.18	3/4	4,023.68	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,496.02	4	3,683.81	4	3,858.66	4	4,027.24	4		4		4		4		4		4	
1/4	3,500.01	1/4	3,687.61	1/4	3,862.15	1/4	4,030.80	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,504.01	1/2	3,691.41	1/2	3,865.63	1/2	4,034.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,508.00	3/4	3,695.19	3/4	3,869.10	3/4	4,036.72	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,511.99	5	3,698.97	5	3,872.56	5	4,039.07	5		5		5		5		5		5	
1/4	3,515.99	1/4	3,702.75	1/4	3,876.03	1/4	4,041.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,519.98	1/2	3,706.53	1/2	3,879.50	1/2	4,043.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,523.97	3/4	3,710.29	3/4	3,882.94	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,527.95	6	3,714.06	6	3,886.39	6		6		6		6		6		6		6	
1/4	3,531.94	1/4	3,717.82	1/4	3,889.84	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,535.93	1/2	3,721.58	1/2	3,893.28	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,539.90	3/4	3,725.32	3/4	3,896.71	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,543.88	7	3,729.07	7	3,900.14	7		7		7		7		7		7		7	
1/4	3,547.85	1/4	3,732.81	1/4	3,903.56	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,551.82	1/2	3,736.55	1/2	3,906.99	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,555.78	3/4	3,740.27	3/4	3,910.40	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,559.73	8	3,744.00	8	3,913.81	8		8		8		8		8		8		8	
1/4	3,563.69	1/4	3,747.72	1/4	3,917.22	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,567.64	1/2	3,751.45	1/2	3,920.63	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,571.58	3/4	3,755.15	3/4	3,924.01	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,575.51	9	3,758.85	9	3,927.40	9		9		9		9		9		9		9	
1/4	3,579.45	1/4	3,762.56	1/4	3,930.79	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,583.38	1/2	3,766.26	1/2	3,934.18	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,587.30	3/4	3,769.91	3/4	3,937.55	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,591.21	10	3,773.55	10	3,940.92	10		10		10		10		10		10		10	
1/4	3,595.13	1/4	3,777.19	1/4	3,944.29	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,599.04	1/2	3,780.83	1/2	3,947.66	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,602.94	3/4	3,784.41	3/4	3,951.01	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,606.84	11	3,788.00	11	3,954.36	11		11		11		11		11		11		11	
1/4	3,610.73	1/4	3,791.58	1/4	3,957.71	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,614.63	1/2	3,795.16	1/2	3,961.06	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,618.51	3/4	3,798.72	3/4	3,964.39	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 06/22/2011 CL - SW
 RECALCULATED: 09/23/2021 PMA
 REPRINTED: 09/23/2021 PMA

CANCELS AND SUPERCEDES
 ALL PRIOR TO 09/2021

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 27766"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	2,304	0	4,609	0	6,913	0	9,218	0	11,522	0	13,827	0		0		0	
1/4	48	1/4	2,352	1/4	4,657	1/4	6,961	1/4	9,266	1/4	11,570	1/4	13,875	1/4		1/4		1/4	
1/2	96	1/2	2,400	1/2	4,705	1/2	7,009	1/2	9,314	1/2	11,618	1/2	13,923	1/2		1/2		1/2	
3/4	144	3/4	2,448	3/4	4,753	3/4	7,057	3/4	9,362	3/4	11,666	3/4	13,971	3/4		3/4		3/4	
1	192	1	2,497	1	4,801	1	7,105	1	9,410	1	11,714	1	14,019	1		1		1	
1/4	240	1/4	2,545	1/4	4,849	1/4	7,153	1/4	9,458	1/4	11,762	1/4	14,067	1/4		1/4		1/4	
1/2	288	1/2	2,593	1/2	4,897	1/2	7,201	1/2	9,506	1/2	11,810	1/2	14,115	1/2		1/2		1/2	
3/4	336	3/4	2,641	3/4	4,945	3/4	7,249	3/4	9,554	3/4	11,858	3/4	14,163	3/4		3/4		3/4	
2	384	2	2,689	2	4,993	2	7,297	2	9,602	2	11,906	2	14,211	2		2		2	
1/4	432	1/4	2,737	1/4	5,041	1/4	7,345	1/4	9,650	1/4	11,954	1/4		1/4		1/4		1/4	
1/2	480	1/2	2,785	1/2	5,089	1/2	7,393	1/2	9,698	1/2	12,002	1/2		1/2		1/2		1/2	
3/4	528	3/4	2,833	3/4	5,137	3/4	7,442	3/4	9,746	3/4	12,050	3/4		3/4		3/4		3/4	
3	576	3	2,881	3	5,185	3	7,490	3	9,794	3	12,098	3		3		3		3	
1/4	624	1/4	2,929	1/4	5,233	1/4	7,538	1/4	9,842	1/4	12,146	1/4		1/4		1/4		1/4	
1/2	672	1/2	2,977	1/2	5,281	1/2	7,586	1/2	9,890	1/2	12,194	1/2		1/2		1/2		1/2	
3/4	720	3/4	3,025	3/4	5,329	3/4	7,634	3/4	9,938	3/4	12,242	3/4		3/4		3/4		3/4	
4	768	4	3,073	4	5,377	4	7,682	4	9,986	4	12,290	4		4		4		4	
1/4	816	1/4	3,121	1/4	5,425	1/4	7,730	1/4	10,034	1/4	12,338	1/4		1/4		1/4		1/4	
1/2	864	1/2	3,169	1/2	5,473	1/2	7,778	1/2	10,082	1/2	12,387	1/2		1/2		1/2		1/2	
3/4	912	3/4	3,217	3/4	5,521	3/4	7,826	3/4	10,130	3/4	12,435	3/4		3/4		3/4		3/4	
5	960	5	3,265	5	5,569	5	7,874	5	10,178	5	12,483	5		5		5		5	
1/4	1,008	1/4	3,313	1/4	5,617	1/4	7,922	1/4	10,226	1/4	12,531	1/4		1/4		1/4		1/4	
1/2	1,056	1/2	3,361	1/2	5,665	1/2	7,970	1/2	10,274	1/2	12,579	1/2		1/2		1/2		1/2	
3/4	1,104	3/4	3,409	3/4	5,713	3/4	8,018	3/4	10,322	3/4	12,627	3/4		3/4		3/4		3/4	
6	1,152	6	3,457	6	5,761	6	8,066	6	10,370	6	12,675	6		6		6		6	
1/4	1,200	1/4	3,505	1/4	5,809	1/4	8,114	1/4	10,418	1/4	12,723	1/4		1/4		1/4		1/4	
1/2	1,248	1/2	3,553	1/2	5,857	1/2	8,162	1/2	10,466	1/2	12,771	1/2		1/2		1/2		1/2	
3/4	1,296	3/4	3,601	3/4	5,905	3/4	8,210	3/4	10,514	3/4	12,819	3/4		3/4		3/4		3/4	
7	1,344	7	3,649	7	5,953	7	8,258	7	10,562	7	12,867	7		7		7		7	
1/4	1,392	1/4	3,697	1/4	6,001	1/4	8,306	1/4	10,610	1/4	12,915	1/4		1/4		1/4		1/4	
1/2	1,440	1/2	3,745	1/2	6,049	1/2	8,354	1/2	10,658	1/2	12,963	1/2		1/2		1/2		1/2	
3/4	1,488	3/4	3,793	3/4	6,097	3/4	8,402	3/4	10,706	3/4	13,011	3/4		3/4		3/4		3/4	
8	1,536	8	3,841	8	6,145	8	8,450	8	10,754	8	13,059	8		8		8		8	
1/4	1,584	1/4	3,889	1/4	6,193	1/4	8,498	1/4	10,802	1/4	13,107	1/4		1/4		1/4		1/4	
1/2	1,632	1/2	3,937	1/2	6,241	1/2	8,546	1/2	10,850	1/2	13,155	1/2		1/2		1/2		1/2	
3/4	1,680	3/4	3,985	3/4	6,289	3/4	8,594	3/4	10,898	3/4	13,203	3/4		3/4		3/4		3/4	
9	1,728	9	4,033	9	6,337	9	8,642	9	10,946	9	13,251	9		9		9		9	
1/4	1,776	1/4	4,081	1/4	6,385	1/4	8,690	1/4	10,994	1/4	13,299	1/4		1/4		1/4		1/4	
1/2	1,824	1/2	4,129	1/2	6,433	1/2	8,738	1/2	11,042	1/2	13,347	1/2		1/2		1/2		1/2	
3/4	1,872	3/4	4,177	3/4	6,481	3/4	8,786	3/4	11,090	3/4	13,395	3/4		3/4		3/4		3/4	
10	1,920	10	4,225	10	6,529	10	8,834	10	11,138	10	13,443	10		10		10		10	
1/4	1,968	1/4	4,273	1/4	6,577	1/4	8,882	1/4	11,186	1/4	13,491	1/4		1/4		1/4		1/4	
1/2	2,016	1/2	4,321	1/2	6,625	1/2	8,930	1/2	11,234	1/2	13,539	1/2		1/2		1/2		1/2	
3/4	2,064	3/4	4,369	3/4	6,673	3/4	8,978	3/4	11,282	3/4	13,587	3/4		3/4		3/4		3/4	
11	2,112	11	4,417	11	6,721	11	9,026	11	11,330	11	13,635	11		11		11		11	
1/4	2,160	1/4	4,465	1/4	6,769	1/4	9,074	1/4	11,378	1/4	13,683	1/4		1/4		1/4		1/4	
1/2	2,208	1/2	4,513	1/2	6,817	1/2	9,122	1/2	11,426	1/2	13,731	1/2		1/2		1/2		1/2	
3/4	2,256	3/4	4,561	3/4	6,865	3/4	9,170	3/4	11,474	3/4	13,779	3/4		3/4		3/4		3/4	

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

STRAPPED: 08/23/2021 JS
CALCULATED: 08/23/2021 CL
PRINTED: 08/23/2021 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2021

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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