



# BARGE "KIRBY 27767"

## 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	01-1/4	- 01-1/4	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 1 PORT IS - 00-3/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 5/8"

LENGTH BETWEEN DRAFT MARKS: 261'-00"

July 6, 2011

PRECISION MEASUREMENT  
 & ANALYSIS, INC.

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>





# BARGE "KIRBY 27767"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 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	2,629.55	0	2,251.69	0	1,873.83	0	1,495.97	0	1,119.24	0	743.36	0	376.08	0	54.57	0		0	
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	
1	2,598.06	1	2,220.20	1	1,842.34	1	1,464.55	1	1,087.98	1	711.87	1	346.46	1	31.47	1		1	
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	
2	2,566.57	2	2,188.71	2	1,810.85	2	1,433.17	2	1,056.72	2	680.38	2	317.23	2	11.91	2		2	
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	
3	2,535.08	3	2,157.23	3	1,779.36	3	1,401.79	3	1,025.46	3	648.89	3	288.37	3		3		3	
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	
4	2,503.59	4	2,125.74	4	1,747.87	4	1,370.41	4	994.20	4	617.40	4	259.89	4		4		4	
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	
5	2,472.11	5	2,094.25	5	1,716.38	5	1,339.03	5	962.94	5	585.91	5	231.83	5		5		5	
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	
6	2,440.62	6	2,062.76	6	1,684.89	6	1,307.64	6	931.68	6	554.42	6	204.20	6		6		6	
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	
7	2,409.13	7	2,031.27	7	1,653.40	7	1,276.19	7	900.42	7	523.16	7	177.02	7		7		7	
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	
8	2,377.64	8	1,999.79	8	1,621.91	8	1,244.69	8	869.14	8	493.09	8	150.31	8		8		8	
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	
9	2,346.15	9	1,968.30	9	1,590.43	9	1,213.22	9	837.79	9	464.57	9	124.27	9		9		9	
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	
10	2,314.67	10	1,936.81	10	1,558.94	10	1,181.81	10	806.34	10	435.93	10	99.81	10		10		10	
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	
11	2,283.18	11	1,905.32	11	1,527.45	11	1,150.50	11	774.85	11	406.12	11	77.18	11		11		11	
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		1/4	
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		1/2	
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		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/29/2011 CL  
CALCULATED: 06/29/2011 CL  
REPRINTED: 07/06/2011 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 27767"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/29/2011 CL  
CALCULATED: 06/29/2011 CL  
REPRINTED: 07/06/2011 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 27767"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,579.95	0	2,221.24	0	1,862.54	0	1,503.99	0	1,151.49	0	807.03	0	455.44	0	102.44	0		0	
1/4	2,572.47	1/4	2,213.77	1/4	1,855.07	1/4	1,496.60	1/4	1,144.35	1/4	799.56	1/4	447.98	1/4	95.67	1/4		1/4	
1/2	2,565.00	1/2	2,206.30	1/2	1,847.59	1/2	1,489.20	1/2	1,137.20	1/2	792.09	1/2	440.53	1/2	88.91	1/2		1/2	
3/4	2,557.53	3/4	2,198.82	3/4	1,840.12	3/4	1,481.89	3/4	1,130.06	3/4	784.61	3/4	433.09	3/4	81.73	3/4		3/4	
1	2,550.06	1	2,191.35	1	1,832.65	1	1,474.58	1	1,122.91	1	777.14	1	425.65	1	74.55	1		1	
1/4	2,542.58	1/4	2,183.88	1/4	1,825.17	1/4	1,467.27	1/4	1,115.77	1/4	769.67	1/4	418.20	1/4	67.37	1/4		1/4	
1/2	2,535.11	1/2	2,176.41	1/2	1,817.70	1/2	1,459.96	1/2	1,108.63	1/2	762.19	1/2	410.76	1/2	60.19	1/2		1/2	
3/4	2,527.64	3/4	2,168.93	3/4	1,810.23	3/4	1,452.65	3/4	1,101.48	3/4	754.72	3/4	403.31	3/4	53.39	3/4		3/4	
2	2,520.16	2	2,161.46	2	1,802.75	2	1,445.34	2	1,094.34	2	747.25	2	395.86	2	46.59	2		2	
1/4	2,512.69	1/4	2,153.99	1/4	1,795.28	1/4	1,438.02	1/4	1,087.20	1/4	739.77	1/4	388.40	1/4	39.79	1/4		1/4	
1/2	2,505.22	1/2	2,146.51	1/2	1,787.81	1/2	1,430.71	1/2	1,080.05	1/2	732.30	1/2	380.95	1/2	32.99	1/2		1/2	
3/4	2,497.74	3/4	2,139.04	3/4	1,780.33	3/4	1,423.40	3/4	1,072.91	3/4	724.82	3/4	373.49	3/4	28.01	3/4		3/4	
3	2,490.27	3	2,131.57	3	1,772.86	3	1,416.09	3	1,065.77	3	717.35	3	366.02	3	23.03	3		3	
1/4	2,482.80	1/4	2,124.09	1/4	1,765.39	1/4	1,408.78	1/4	1,058.62	1/4	709.88	1/4	358.56	1/4		1/4		1/4	
1/2	2,475.33	1/2	2,116.62	1/2	1,757.91	1/2	1,401.47	1/2	1,051.48	1/2	702.40	1/2	351.09	1/2		1/2		1/2	
3/4	2,467.85	3/4	2,109.15	3/4	1,750.44	3/4	1,394.16	3/4	1,044.34	3/4	694.93	3/4	343.62	3/4		3/4		3/4	
4	2,460.38	4	2,101.68	4	1,742.97	4	1,386.85	4	1,037.19	4	687.46	4	336.15	4		4		4	
1/4	2,452.91	1/4	2,094.20	1/4	1,735.49	1/4	1,379.53	1/4	1,030.05	1/4	679.98	1/4	328.67	1/4		1/4		1/4	
1/2	2,445.43	1/2	2,086.73	1/2	1,728.02	1/2	1,372.22	1/2	1,022.91	1/2	672.51	1/2	321.20	1/2		1/2		1/2	
3/4	2,437.96	3/4	2,079.26	3/4	1,720.55	3/4	1,364.91	3/4	1,015.76	3/4	665.04	3/4	313.73	3/4		3/4		3/4	
5	2,430.49	5	2,071.78	5	1,713.08	5	1,357.60	5	1,008.62	5	657.56	5	306.26	5		5		5	
1/4	2,423.01	1/4	2,064.31	1/4	1,705.60	1/4	1,350.29	1/4	1,001.47	1/4	650.09	1/4	298.78	1/4		1/4		1/4	
1/2	2,415.54	1/2	2,056.84	1/2	1,698.13	1/2	1,342.97	1/2	994.33	1/2	642.62	1/2	291.31	1/2		1/2		1/2	
3/4	2,408.07	3/4	2,049.36	3/4	1,690.66	3/4	1,335.58	3/4	987.19	3/4	635.14	3/4	283.84	3/4		3/4		3/4	
6	2,400.60	6	2,041.89	6	1,683.18	6	1,328.19	6	980.04	6	627.67	6	276.36	6		6		6	
1/4	2,393.12	1/4	2,034.42	1/4	1,675.71	1/4	1,320.80	1/4	972.90	1/4	620.19	1/4	268.89	1/4		1/4		1/4	
1/2	2,385.65	1/2	2,026.95	1/2	1,668.24	1/2	1,313.40	1/2	965.76	1/2	612.72	1/2	261.42	1/2		1/2		1/2	
3/4	2,378.18	3/4	2,019.47	3/4	1,660.76	3/4	1,305.93	3/4	958.61	3/4	605.25	3/4	253.95	3/4		3/4		3/4	
7	2,370.70	7	2,012.00	7	1,653.29	7	1,298.46	7	951.47	7	597.77	7	246.49	7		7		7	
1/4	2,363.23	1/4	2,004.53	1/4	1,645.82	1/4	1,290.98	1/4	944.33	1/4	590.30	1/4	239.02	1/4		1/4		1/4	
1/2	2,355.76	1/2	1,997.05	1/2	1,638.34	1/2	1,283.51	1/2	937.18	1/2	582.82	1/2	231.56	1/2		1/2		1/2	
3/4	2,348.28	3/4	1,989.58	3/4	1,630.87	3/4	1,276.03	3/4	930.04	3/4	575.57	3/4	224.11	3/4		3/4		3/4	
8	2,340.81	8	1,982.11	8	1,623.40	8	1,268.56	8	922.89	8	568.32	8	216.66	8		8		8	
1/4	2,333.34	1/4	1,974.64	1/4	1,615.92	1/4	1,261.09	1/4	915.75	1/4	561.07	1/4	209.21	1/4		1/4		1/4	
1/2	2,325.87	1/2	1,967.16	1/2	1,608.45	1/2	1,253.61	1/2	908.60	1/2	553.81	1/2	201.75	1/2		1/2		1/2	
3/4	2,318.39	3/4	1,959.69	3/4	1,600.98	3/4	1,246.14	3/4	901.44	3/4	547.00	3/4	194.31	3/4		3/4		3/4	
9	2,310.92	9	1,952.22	9	1,593.50	9	1,238.67	9	894.28	9	540.19	9	186.87	9		9		9	
1/4	2,303.45	1/4	1,944.74	1/4	1,586.03	1/4	1,231.19	1/4	887.12	1/4	533.38	1/4	179.43	1/4		1/4		1/4	
1/2	2,295.97	1/2	1,937.27	1/2	1,578.56	1/2	1,223.72	1/2	879.96	1/2	526.57	1/2	171.99	1/2		1/2		1/2	
3/4	2,288.50	3/4	1,929.80	3/4	1,571.08	3/4	1,216.39	3/4	872.79	3/4	519.75	3/4	164.77	3/4		3/4		3/4	
10	2,281.03	10	1,922.32	10	1,563.61	10	1,209.07	10	865.62	10	512.94	10	157.55	10		10		10	
1/4	2,273.55	1/4	1,914.85	1/4	1,556.14	1/4	1,201.75	1/4	858.44	1/4	506.13	1/4	150.33	1/4		1/4		1/4	
1/2	2,266.08	1/2	1,907.38	1/2	1,548.66	1/2	1,194.42	1/2	851.27	1/2	499.32	1/2	143.11	1/2		1/2		1/2	
3/4	2,258.61	3/4	1,899.91	3/4	1,541.19	3/4	1,187.26	3/4	843.95	3/4	492.07	3/4	136.33	3/4		3/4		3/4	
11	2,251.14	11	1,892.43	11	1,533.72	11	1,180.10	11	836.63	11	484.83	11	129.55	11		11		11	
1/4	2,243.66	1/4	1,884.96	1/4	1,526.25	1/4	1,172.94	1/4	829.30	1/4	477.58	1/4	122.76	1/4		1/4		1/4	
1/2	2,236.19	1/2	1,877.49	1/2	1,518.77	1/2	1,165.78	1/2	821.98	1/2	470.34	1/2	115.98	1/2		1/2		1/2	
3/4	2,228.72	3/4	1,870.01	3/4	1,511.38	3/4	1,158.64	3/4	814.51	3/4	462.89	3/4	109.21	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/29/2011 CL  
CALCULATED: 06/29/2011 CL  
REPRINTED: 07/06/2011 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 27767"

## 2 STBD 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	2,603.68	0	2,244.89	0	1,886.10	0	1,527.39	0	1,172.46	0	814.69	0	462.99	0	109.24	0		0	
1/4	2,596.20	1/4	2,237.42	1/4	1,878.63	1/4	1,519.99	1/4	1,165.01	1/4	807.22	1/4	455.54	1/4	102.47	1/4		1/4	
1/2	2,588.73	1/2	2,229.94	1/2	1,871.15	1/2	1,512.60	1/2	1,157.56	1/2	799.74	1/2	448.09	1/2	95.69	1/2		1/2	
3/4	2,581.26	3/4	2,222.47	3/4	1,863.68	3/4	1,505.21	3/4	1,150.11	3/4	792.27	3/4	440.63	3/4	88.92	3/4		3/4	
1	2,573.78	1	2,214.99	1	1,856.20	1	1,497.89	1	1,142.67	1	784.79	1	433.19	1	81.74	1		1	
1/4	2,566.31	1/4	2,207.52	1/4	1,848.73	1/4	1,490.58	1/4	1,135.22	1/4	777.31	1/4	425.74	1/4	74.57	1/4		1/4	
1/2	2,558.83	1/2	2,200.05	1/2	1,841.25	1/2	1,483.27	1/2	1,127.77	1/2	769.84	1/2	418.30	1/2	67.39	1/2		1/2	
3/4	2,551.36	3/4	2,192.57	3/4	1,833.78	3/4	1,475.95	3/4	1,120.33	3/4	762.36	3/4	410.85	3/4	60.21	3/4		3/4	
2	2,543.88	2	2,185.10	2	1,826.30	2	1,468.64	2	1,112.88	2	754.89	2	403.40	2	53.40	2		2	
1/4	2,536.41	1/4	2,177.62	1/4	1,818.83	1/4	1,461.33	1/4	1,105.43	1/4	747.41	1/4	395.94	1/4	46.60	1/4		1/4	
1/2	2,528.93	1/2	2,170.15	1/2	1,811.35	1/2	1,454.02	1/2	1,097.99	1/2	739.94	1/2	388.49	1/2	39.80	1/2		1/2	
3/4	2,521.46	3/4	2,162.67	3/4	1,803.88	3/4	1,446.70	3/4	1,090.54	3/4	732.46	3/4	381.04	3/4	33.00	3/4		3/4	
3	2,513.98	3	2,155.20	3	1,796.40	3	1,439.39	3	1,083.09	3	724.99	3	373.57	3	28.02	3		3	
1/4	2,506.51	1/4	2,147.72	1/4	1,788.93	1/4	1,432.08	1/4	1,075.65	1/4	717.51	1/4	366.10	1/4	23.04	1/4		1/4	
1/2	2,499.03	1/2	2,140.25	1/2	1,781.45	1/2	1,424.76	1/2	1,068.20	1/2	710.04	1/2	358.64	1/2		1/2		1/2	
3/4	2,491.56	3/4	2,132.77	3/4	1,773.98	3/4	1,417.45	3/4	1,060.76	3/4	702.56	3/4	351.17	3/4		3/4		3/4	
4	2,484.08	4	2,125.30	4	1,766.50	4	1,410.14	4	1,053.31	4	695.09	4	343.70	4		4		4	
1/4	2,476.61	1/4	2,117.82	1/4	1,759.03	1/4	1,402.82	1/4	1,045.86	1/4	687.61	1/4	336.22	1/4		1/4		1/4	
1/2	2,469.13	1/2	2,110.35	1/2	1,751.55	1/2	1,395.51	1/2	1,038.42	1/2	680.14	1/2	328.75	1/2		1/2		1/2	
3/4	2,461.66	3/4	2,102.87	3/4	1,744.08	3/4	1,388.20	3/4	1,030.97	3/4	672.66	3/4	321.27	3/4		3/4		3/4	
5	2,454.19	5	2,095.40	5	1,736.60	5	1,380.88	5	1,023.52	5	665.19	5	313.80	5		5		5	
1/4	2,446.71	1/4	2,087.92	1/4	1,729.13	1/4	1,373.57	1/4	1,016.08	1/4	657.71	1/4	306.32	1/4		1/4		1/4	
1/2	2,439.24	1/2	2,080.45	1/2	1,721.65	1/2	1,366.26	1/2	1,008.63	1/2	650.23	1/2	298.85	1/2		1/2		1/2	
3/4	2,431.76	3/4	2,072.98	3/4	1,714.18	3/4	1,358.94	3/4	1,001.18	3/4	642.76	3/4	291.37	3/4		3/4		3/4	
6	2,424.29	6	2,065.50	6	1,706.70	6	1,351.55	6	993.74	6	635.28	6	283.90	6		6		6	
1/4	2,416.81	1/4	2,058.03	1/4	1,699.23	1/4	1,344.16	1/4	986.29	1/4	627.81	1/4	276.42	1/4		1/4		1/4	
1/2	2,409.34	1/2	2,050.55	1/2	1,691.75	1/2	1,336.76	1/2	978.84	1/2	620.33	1/2	268.95	1/2		1/2		1/2	
3/4	2,401.86	3/4	2,043.08	3/4	1,684.28	3/4	1,329.37	3/4	971.40	3/4	612.86	3/4	261.48	3/4		3/4		3/4	
7	2,394.39	7	2,035.60	7	1,676.80	7	1,321.89	7	963.95	7	605.38	7	254.01	7		7		7	
1/4	2,386.91	1/4	2,028.13	1/4	1,669.33	1/4	1,314.42	1/4	956.51	1/4	597.90	1/4	246.54	1/4		1/4		1/4	
1/2	2,379.44	1/2	2,020.65	1/2	1,661.85	1/2	1,306.94	1/2	949.06	1/2	590.43	1/2	239.07	1/2		1/2		1/2	
3/4	2,371.96	3/4	2,013.18	3/4	1,654.38	3/4	1,299.46	3/4	941.61	3/4	582.95	3/4	231.61	3/4		3/4		3/4	
8	2,364.49	8	2,005.70	8	1,646.91	8	1,291.99	8	934.16	8	575.70	8	224.15	8		8		8	
1/4	2,357.01	1/4	1,998.23	1/4	1,639.43	1/4	1,284.51	1/4	926.72	1/4	568.44	1/4	216.70	1/4		1/4		1/4	
1/2	2,349.54	1/2	1,990.75	1/2	1,631.96	1/2	1,277.04	1/2	919.27	1/2	561.19	1/2	209.25	1/2		1/2		1/2	
3/4	2,342.06	3/4	1,983.28	3/4	1,624.48	3/4	1,269.56	3/4	911.82	3/4	553.93	3/4	201.80	3/4		3/4		3/4	
9	2,334.59	9	1,975.80	9	1,617.01	9	1,262.09	9	904.36	9	547.12	9	194.35	9		9		9	
1/4	2,327.12	1/4	1,968.33	1/4	1,609.53	1/4	1,254.61	1/4	896.89	1/4	540.31	1/4	186.91	1/4		1/4		1/4	
1/2	2,319.64	1/2	1,960.85	1/2	1,602.06	1/2	1,247.13	1/2	889.43	1/2	533.50	1/2	179.47	1/2		1/2		1/2	
3/4	2,312.17	3/4	1,953.38	3/4	1,594.58	3/4	1,239.66	3/4	881.97	3/4	526.68	3/4	172.03	3/4		3/4		3/4	
10	2,304.69	10	1,945.90	10	1,587.11	10	1,232.18	10	874.49	10	519.87	10	164.80	10		10		10	
1/4	2,297.22	1/4	1,938.43	1/4	1,579.63	1/4	1,224.71	1/4	867.02	1/4	513.06	1/4	157.58	1/4		1/4		1/4	
1/2	2,289.74	1/2	1,930.95	1/2	1,572.16	1/2	1,217.23	1/2	859.54	1/2	506.25	1/2	150.36	1/2		1/2		1/2	
3/4	2,282.27	3/4	1,923.48	3/4	1,564.68	3/4	1,209.76	3/4	852.07	3/4	499.43	3/4	143.14	3/4		3/4		3/4	
11	2,274.79	11	1,916.00	11	1,557.21	11	1,202.29	11	844.59	11	492.19	11	136.35	11		11		11	
1/4	2,267.32	1/4	1,908.53	1/4	1,549.73	1/4	1,194.83	1/4	837.12	1/4	484.94	1/4	129.57	1/4		1/4		1/4	
1/2	2,259.84	1/2	1,901.05	1/2	1,542.26	1/2	1,187.37	1/2	829.64	1/2	477.69	1/2	122.79	1/2		1/2		1/2	
3/4	2,252.37	3/4	1,893.58	3/4	1,534.78	3/4	1,179.90	3/4	822.17	3/4	470.45	3/4	116.01	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/29/2011 CL  
CALCULATED: 06/29/2011 CL  
REPRINTED: 07/06/2011 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 27767"

3 PORT
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01 3/4"

Table with 18 columns (0 FT. to 9 FT.) and 18 rows (0 to 11). Each cell contains capacity values for different gauge heights (IN, 1/4, 1/2, 3/4).

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 56'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

Handwritten signature



# BARGE "KIRBY 27767"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01 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	2,482.03	0	2,125.45	0	1,768.86	0	1,412.71	0	1,062.02	0	716.40	0	371.09	0	54.93	0		0	
1/4	2,474.60	1/4	2,118.02	1/4	1,761.43	1/4	1,405.31	1/4	1,054.82	1/4	709.18	1/4	363.67	1/4	52.75	1/4		1/4	
1/2	2,467.17	1/2	2,110.59	1/2	1,754.00	1/2	1,398.06	1/2	1,047.63	1/2	701.96	1/2	356.27	1/2	51.40	1/2		1/2	
3/4	2,459.74	3/4	2,103.16	3/4	1,746.57	3/4	1,390.82	3/4	1,040.44	3/4	694.73	3/4	348.86	3/4	50.04	3/4		3/4	
1	2,452.31	1	2,095.73	1	1,739.14	1	1,383.57	1	1,033.25	1	687.51	1	341.46	1	48.69	1		1	
1/4	2,444.88	1/4	2,088.30	1/4	1,731.71	1/4	1,376.33	1/4	1,026.05	1/4	680.29	1/4	334.06	1/4	47.34	1/4		1/4	
1/2	2,437.46	1/2	2,080.87	1/2	1,724.28	1/2	1,369.06	1/2	1,018.86	1/2	673.06	1/2	326.65	1/2	46.83	1/2		1/2	
3/4	2,430.03	3/4	2,073.44	3/4	1,716.86	3/4	1,361.80	3/4	1,011.67	3/4	665.84	3/4	319.25	3/4	46.32	3/4		3/4	
2	2,422.60	2	2,066.02	2	1,709.43	2	1,354.53	2	1,004.48	2	658.62	2	311.85	2		2		2	
1/4	2,415.17	1/4	2,058.59	1/4	1,702.00	1/4	1,347.26	1/4	997.29	1/4	651.39	1/4	304.44	1/4		1/4		1/4	
1/2	2,407.74	1/2	2,051.16	1/2	1,694.57	1/2	1,339.99	1/2	990.09	1/2	644.17	1/2	297.02	1/2		1/2		1/2	
3/4	2,400.31	3/4	2,043.73	3/4	1,687.14	3/4	1,332.72	3/4	982.90	3/4	636.95	3/4	289.60	3/4		3/4		3/4	
3	2,392.88	3	2,036.30	3	1,679.71	3	1,325.46	3	975.71	3	629.72	3	282.19	3		3		3	
1/4	2,385.45	1/4	2,028.87	1/4	1,672.28	1/4	1,318.19	1/4	968.52	1/4	622.50	1/4	274.77	1/4		1/4		1/4	
1/2	2,378.03	1/2	2,021.44	1/2	1,664.85	1/2	1,310.92	1/2	961.33	1/2	615.28	1/2	267.34	1/2		1/2		1/2	
3/4	2,370.60	3/4	2,014.01	3/4	1,657.42	3/4	1,303.65	3/4	954.13	3/4	608.05	3/4	259.90	3/4		3/4		3/4	
4	2,363.17	4	2,006.59	4	1,649.99	4	1,296.39	4	946.94	4	600.83	4	252.47	4		4		4	
1/4	2,355.74	1/4	1,999.16	1/4	1,642.56	1/4	1,289.12	1/4	939.75	1/4	593.61	1/4	245.04	1/4		1/4		1/4	
1/2	2,348.31	1/2	1,991.73	1/2	1,635.14	1/2	1,281.85	1/2	932.56	1/2	586.39	1/2	237.60	1/2		1/2		1/2	
3/4	2,340.88	3/4	1,984.30	3/4	1,627.71	3/4	1,274.58	3/4	925.37	3/4	579.16	3/4	230.17	3/4		3/4		3/4	
5	2,333.45	5	1,976.87	5	1,620.28	5	1,267.31	5	918.17	5	571.94	5	222.74	5		5		5	
1/4	2,326.02	1/4	1,969.44	1/4	1,612.85	1/4	1,260.04	1/4	910.98	1/4	564.72	1/4	215.31	1/4		1/4		1/4	
1/2	2,318.60	1/2	1,962.01	1/2	1,605.42	1/2	1,252.79	1/2	903.79	1/2	557.28	1/2	207.87	1/2		1/2		1/2	
3/4	2,311.17	3/4	1,954.58	3/4	1,597.99	3/4	1,245.54	3/4	896.59	3/4	549.85	3/4	200.44	3/4		3/4		3/4	
6	2,303.74	6	1,947.16	6	1,590.56	6	1,238.29	6	889.40	6	542.41	6	193.01	6		6		6	
1/4	2,296.31	1/4	1,939.73	1/4	1,583.13	1/4	1,231.04	1/4	882.20	1/4	534.98	1/4	185.58	1/4		1/4		1/4	
1/2	2,288.88	1/2	1,932.30	1/2	1,575.70	1/2	1,223.62	1/2	875.01	1/2	527.55	1/2	178.14	1/2		1/2		1/2	
3/4	2,281.45	3/4	1,924.87	3/4	1,568.27	3/4	1,216.21	3/4	867.82	3/4	520.11	3/4	170.71	3/4		3/4		3/4	
7	2,274.02	7	1,917.44	7	1,560.84	7	1,208.80	7	860.62	7	512.68	7	163.28	7		7		7	
1/4	2,266.59	1/4	1,910.01	1/4	1,553.42	1/4	1,201.38	1/4	853.43	1/4	505.24	1/4	155.84	1/4		1/4		1/4	
1/2	2,259.16	1/2	1,902.58	1/2	1,546.01	1/2	1,193.97	1/2	846.23	1/2	497.81	1/2	148.43	1/2		1/2		1/2	
3/4	2,251.74	3/4	1,895.15	3/4	1,538.60	3/4	1,186.55	3/4	839.04	3/4	490.38	3/4	141.01	3/4		3/4		3/4	
8	2,244.31	8	1,887.72	8	1,531.20	8	1,179.14	8	831.84	8	482.94	8	133.59	8		8		8	
1/4	2,236.88	1/4	1,880.30	1/4	1,523.79	1/4	1,171.73	1/4	824.65	1/4	475.51	1/4	126.17	1/4		1/4		1/4	
1/2	2,229.45	1/2	1,872.87	1/2	1,516.39	1/2	1,164.31	1/2	817.45	1/2	468.51	1/2	119.39	1/2		1/2		1/2	
3/4	2,222.02	3/4	1,865.44	3/4	1,508.98	3/4	1,156.90	3/4	810.25	3/4	461.52	3/4	112.61	3/4		3/4		3/4	
9	2,214.59	9	1,858.01	9	1,501.58	9	1,149.49	9	803.05	9	454.53	9	105.82	9		9		9	
1/4	2,207.16	1/4	1,850.58	1/4	1,494.17	1/4	1,142.07	1/4	795.86	1/4	447.53	1/4	99.04	1/4		1/4		1/4	
1/2	2,199.73	1/2	1,843.15	1/2	1,486.77	1/2	1,134.66	1/2	788.63	1/2	440.98	1/2	93.51	1/2		1/2		1/2	
3/4	2,192.31	3/4	1,835.72	3/4	1,479.36	3/4	1,127.25	3/4	781.41	3/4	434.43	3/4	87.97	3/4		3/4		3/4	
10	2,184.88	10	1,828.29	10	1,471.96	10	1,119.83	10	774.19	10	427.87	10	82.43	10		10		10	
1/4	2,177.45	1/4	1,820.86	1/4	1,464.55	1/4	1,112.42	1/4	766.96	1/4	421.32	1/4	76.90	1/4		1/4		1/4	
1/2	2,170.02	1/2	1,813.43	1/2	1,457.14	1/2	1,105.21	1/2	759.74	1/2	414.33	1/2	73.04	1/2		1/2		1/2	
3/4	2,162.59	3/4	1,806.00	3/4	1,449.74	3/4	1,098.01	3/4	752.52	3/4	407.33	3/4	69.18	3/4		3/4		3/4	
11	2,155.16	11	1,798.58	11	1,442.33	11	1,090.81	11	745.29	11	400.34	11	65.32	11		11		11	
1/4	2,147.73	1/4	1,791.15	1/4	1,434.93	1/4	1,083.60	1/4	738.07	1/4	393.35	1/4	61.46	1/4		1/4		1/4	
1/2	2,140.30	1/2	1,783.72	1/2	1,427.52	1/2	1,076.41	1/2	730.85	1/2	385.93	1/2	59.28	1/2		1/2		1/2	
3/4	2,132.88	3/4	1,776.29	3/4	1,420.12	3/4	1,069.21	3/4	723.62	3/4	378.51	3/4	57.10	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/29/2011 CL  
CALCULATED: 06/29/2011 CL  
REPRINTED: 07/06/2011 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 27767"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01 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
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 56'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "KIRBY 27767"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01 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	2,506.10	0	2,148.45	0	1,790.79	0	1,433.12	0	1,079.39	0	722.76	0	372.16	0	55.11	0		0	
1/4	2,498.65	1/4	2,141.00	1/4	1,783.33	1/4	1,425.67	1/4	1,071.97	1/4	715.31	1/4	364.72	1/4	52.91	1/4		1/4	
1/2	2,491.20	1/2	2,133.54	1/2	1,775.88	1/2	1,418.38	1/2	1,064.54	1/2	707.86	1/2	357.30	1/2	51.54	1/2		1/2	
3/4	2,483.75	3/4	2,126.09	3/4	1,768.43	3/4	1,411.09	3/4	1,057.12	3/4	700.41	3/4	349.87	3/4	50.17	3/4		3/4	
1	2,476.30	1	2,118.64	1	1,760.98	1	1,403.80	1	1,049.70	1	692.95	1	342.45	1	48.79	1		1	
1/4	2,468.85	1/4	2,111.19	1/4	1,753.53	1/4	1,396.51	1/4	1,042.28	1/4	685.50	1/4	335.03	1/4	47.42	1/4		1/4	
1/2	2,461.40	1/2	2,103.74	1/2	1,746.08	1/2	1,389.22	1/2	1,034.85	1/2	678.05	1/2	327.61	1/2	46.89	1/2		1/2	
3/4	2,453.95	3/4	2,096.29	3/4	1,738.63	3/4	1,381.93	3/4	1,027.43	3/4	670.60	3/4	320.19	3/4	46.36	3/4		3/4	
2	2,446.49	2	2,088.84	2	1,731.17	2	1,374.64	2	1,020.01	2	663.15	2	312.76	2		2		2	
1/4	2,439.04	1/4	2,081.39	1/4	1,723.72	1/4	1,367.35	1/4	1,012.59	1/4	655.70	1/4	305.34	1/4		1/4		1/4	
1/2	2,431.59	1/2	2,073.93	1/2	1,716.27	1/2	1,360.06	1/2	1,005.16	1/2	648.24	1/2	297.91	1/2		1/2		1/2	
3/4	2,424.14	3/4	2,066.48	3/4	1,708.82	3/4	1,352.77	3/4	997.74	3/4	640.79	3/4	290.47	3/4		3/4		3/4	
3	2,416.69	3	2,059.03	3	1,701.37	3	1,345.48	3	990.32	3	633.34	3	283.03	3		3		3	
1/4	2,409.24	1/4	2,051.58	1/4	1,693.92	1/4	1,338.20	1/4	982.89	1/4	625.89	1/4	275.60	1/4		1/4		1/4	
1/2	2,401.79	1/2	2,044.13	1/2	1,686.47	1/2	1,330.91	1/2	975.47	1/2	618.44	1/2	268.15	1/2		1/2		1/2	
3/4	2,394.34	3/4	2,036.68	3/4	1,679.01	3/4	1,323.62	3/4	968.05	3/4	610.99	3/4	260.69	3/4		3/4		3/4	
4	2,386.88	4	2,029.23	4	1,671.56	4	1,316.33	4	960.63	4	603.53	4	253.24	4		4		4	
1/4	2,379.43	1/4	2,021.78	1/4	1,664.11	1/4	1,309.04	1/4	953.20	1/4	596.08	1/4	245.79	1/4		1/4		1/4	
1/2	2,371.98	1/2	2,014.32	1/2	1,656.66	1/2	1,301.75	1/2	945.78	1/2	588.63	1/2	238.34	1/2		1/2		1/2	
3/4	2,364.53	3/4	2,006.87	3/4	1,649.21	3/4	1,294.46	3/4	938.36	3/4	581.18	3/4	230.89	3/4		3/4		3/4	
5	2,357.08	5	1,999.42	5	1,641.76	5	1,287.17	5	930.93	5	573.73	5	223.44	5		5		5	
1/4	2,349.63	1/4	1,991.97	1/4	1,634.31	1/4	1,279.88	1/4	923.51	1/4	566.27	1/4	215.99	1/4		1/4		1/4	
1/2	2,342.18	1/2	1,984.52	1/2	1,626.86	1/2	1,272.59	1/2	916.09	1/2	558.82	1/2	208.54	1/2		1/2		1/2	
3/4	2,334.73	3/4	1,977.07	3/4	1,619.40	3/4	1,265.30	3/4	908.67	3/4	551.37	3/4	201.09	3/4		3/4		3/4	
6	2,327.28	6	1,969.62	6	1,611.95	6	1,258.01	6	901.24	6	543.92	6	193.64	6		6		6	
1/4	2,319.82	1/4	1,962.17	1/4	1,604.50	1/4	1,250.72	1/4	893.82	1/4	536.47	1/4	186.18	1/4		1/4		1/4	
1/2	2,312.37	1/2	1,954.72	1/2	1,597.05	1/2	1,243.26	1/2	886.40	1/2	529.01	1/2	178.73	1/2		1/2		1/2	
3/4	2,304.92	3/4	1,947.26	3/4	1,589.60	3/4	1,235.81	3/4	878.97	3/4	521.56	3/4	171.28	3/4		3/4		3/4	
7	2,297.47	7	1,939.81	7	1,582.15	7	1,228.36	7	871.55	7	514.11	7	163.83	7		7		7	
1/4	2,290.02	1/4	1,932.36	1/4	1,574.70	1/4	1,220.91	1/4	864.13	1/4	506.66	1/4	156.38	1/4		1/4		1/4	
1/2	2,282.57	1/2	1,924.91	1/2	1,567.24	1/2	1,213.46	1/2	856.71	1/2	499.21	1/2	148.94	1/2		1/2		1/2	
3/4	2,275.12	3/4	1,917.46	3/4	1,559.79	3/4	1,206.00	3/4	849.28	3/4	491.75	3/4	141.51	3/4		3/4		3/4	
8	2,267.67	8	1,910.01	8	1,552.34	8	1,198.55	8	841.86	8	484.30	8	134.07	8		8		8	
1/4	2,260.21	1/4	1,902.56	1/4	1,544.89	1/4	1,191.10	1/4	834.44	1/4	476.85	1/4	126.64	1/4		1/4		1/4	
1/2	2,252.76	1/2	1,895.11	1/2	1,537.44	1/2	1,183.65	1/2	827.01	1/2	469.84	1/2	119.83	1/2		1/2		1/2	
3/4	2,245.31	3/4	1,887.65	3/4	1,529.99	3/4	1,176.20	3/4	819.58	3/4	462.82	3/4	113.03	3/4		3/4		3/4	
9	2,237.86	9	1,880.20	9	1,522.54	9	1,168.74	9	812.16	9	455.81	9	106.23	9		9		9	
1/4	2,230.41	1/4	1,872.75	1/4	1,515.08	1/4	1,161.29	1/4	804.73	1/4	448.80	1/4	99.43	1/4		1/4		1/4	
1/2	2,222.96	1/2	1,865.30	1/2	1,507.63	1/2	1,153.84	1/2	797.28	1/2	442.23	1/2	93.88	1/2		1/2		1/2	
3/4	2,215.51	3/4	1,857.85	3/4	1,500.18	3/4	1,146.39	3/4	789.83	3/4	435.66	3/4	88.32	3/4		3/4		3/4	
10	2,208.06	10	1,850.40	10	1,492.73	10	1,138.94	10	782.37	10	429.09	10	82.77	10		10		10	
1/4	2,200.60	1/4	1,842.95	1/4	1,485.28	1/4	1,131.48	1/4	774.92	1/4	422.51	1/4	77.21	1/4		1/4		1/4	
1/2	2,193.15	1/2	1,835.49	1/2	1,477.83	1/2	1,124.03	1/2	767.47	1/2	415.50	1/2	73.33	1/2		1/2		1/2	
3/4	2,185.70	3/4	1,828.04	3/4	1,470.38	3/4	1,116.58	3/4	760.02	3/4	408.49	3/4	69.45	3/4		3/4		3/4	
11	2,178.25	11	1,820.59	11	1,462.92	11	1,109.13	11	752.57	11	401.48	11	65.57	11		11		11	
1/4	2,170.80	1/4	1,813.14	1/4	1,455.47	1/4	1,101.68	1/4	745.12	1/4	394.47	1/4	61.70	1/4		1/4		1/4	
1/2	2,163.35	1/2	1,805.69	1/2	1,448.02	1/2	1,094.25	1/2	737.66	1/2	387.03	1/2	59.50	1/2		1/2		1/2	
3/4	2,155.90	3/4	1,798.24	3/4	1,440.57	3/4	1,086.82	3/4	730.21	3/4	379.59	3/4	57.30	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/29/2011 CL  
CALCULATED: 06/29/2011 CL  
REPRINTED: 07/06/2011 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 27767"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 261'-00"

June 29, 2011

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>





# BARGE "KIRBY 27767"

## 1 PORT 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		IN	
0	3,692.26	0	4,068.54	0	4,427.06	0	4,759.90	0		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		1/4	
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		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		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	
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		1/4	
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		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		3/4	
2	3,755.24	2	4,129.85	2	4,484.09	2	4,813.84	2		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		1/4	
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		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		3/4	
3	3,786.73	3	4,160.28	3	4,512.35	3	4,842.70	3		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		1/4	
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		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		3/4	
4	3,818.22	4	4,190.55	4	4,540.47	4	4,873.27	4		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		1/4	
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		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		3/4	
5	3,849.70	5	4,220.67	5	4,568.43	5	4,904.05	5		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		1/4	
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		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		3/4	
6	3,881.19	6	4,250.64	6	4,596.24	6	4,932.82	6		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		1/4	
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		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		3/4	
7	3,912.68	7	4,280.46	7	4,623.89	7	4,957.37	7		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		1/4	
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		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		3/4	
8	3,944.12	8	4,310.13	8	4,651.40	8		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		1/4	
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		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		3/4	
9	3,975.45	9	4,339.64	9	4,678.75	9		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		1/4	
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		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		3/4	
10	4,006.63	10	4,369.00	10	4,705.95	10		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		1/4	
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		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		3/4	
11	4,037.66	11	4,398.17	11	4,733.01	11		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		1/4	
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		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		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/29/2011 CL - SW  
CALCULATED: 06/29/2011 CL  
PRINTED: 06/29/2011 CL

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 27767"

## 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 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	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: 06/29/2011 CL - SW  
CALCULATED: 06/29/2011 CL  
PRINTED: 06/29/2011 CL

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 27767"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 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	3,566.38	0	3,923.55	0	4,263.89	0	4,579.68	0		0		0		0		0		0	
1/4	3,573.85	1/4	3,930.86	1/4	4,270.70	1/4	4,586.04	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,581.33	1/2	3,938.17	1/2	4,277.52	1/2	4,592.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,588.80	3/4	3,945.45	3/4	4,284.28	3/4	4,598.73	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,596.27	1	3,952.72	1	4,291.03	1	4,605.05	1		1		1		1		1		1	
1/4	3,603.75	1/4	3,960.00	1/4	4,297.79	1/4	4,611.38	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,611.22	1/2	3,967.27	1/2	4,304.55	1/2	4,617.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,618.69	3/4	3,974.51	3/4	4,311.27	3/4	4,624.28	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,626.16	2	3,981.75	2	4,318.00	2	4,630.85	2		2		2		2		2		2	
1/4	3,633.64	1/4	3,988.99	1/4	4,324.72	1/4	4,637.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,641.11	1/2	3,996.23	1/2	4,331.44	1/2	4,644.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,648.58	3/4	4,003.43	3/4	4,338.13	3/4	4,651.11	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,656.06	3	4,010.63	3	4,344.81	3	4,658.22	3		3		3		3		3		3	
1/4	3,663.53	1/4	4,017.84	1/4	4,351.50	1/4	4,665.34	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,671.00	1/2	4,025.04	1/2	4,358.18	1/2	4,672.45	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,678.48	3/4	4,032.21	3/4	4,364.83	3/4	4,679.84	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,685.95	4	4,039.37	4	4,371.48	4	4,687.23	4		4		4		4		4		4	
1/4	3,693.42	1/4	4,046.54	1/4	4,378.13	1/4	4,694.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,700.89	1/2	4,053.71	1/2	4,384.78	1/2	4,702.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,708.37	3/4	4,060.84	3/4	4,391.40	3/4	4,709.22	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,715.84	5	4,067.97	5	4,398.01	5	4,716.43	5		5		5		5		5		5	
1/4	3,723.31	1/4	4,075.10	1/4	4,404.63	1/4	4,723.64	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,730.79	1/2	4,082.23	1/2	4,411.24	1/2	4,730.86	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,738.26	3/4	4,089.32	3/4	4,417.82	3/4	4,737.29	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,745.73	6	4,096.42	6	4,424.40	6	4,743.73	6		6		6		6		6		6	
1/4	3,753.21	1/4	4,103.51	1/4	4,430.97	1/4	4,750.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,760.68	1/2	4,110.61	1/2	4,437.55	1/2	4,756.59	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,768.14	3/4	4,117.67	3/4	4,444.09	3/4	4,761.80	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,775.61	7	4,124.73	7	4,450.64	7	4,767.01	7		7		7		7		7		7	
1/4	3,783.07	1/4	4,131.78	1/4	4,457.18	1/4	4,772.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,790.54	1/2	4,138.84	1/2	4,463.72	1/2	4,777.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,797.99	3/4	4,145.87	3/4	4,470.23	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,805.44	8	4,152.89	8	4,476.73	8		8		8		8		8		8		8	
1/4	3,812.89	1/4	4,159.91	1/4	4,483.24	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,820.34	1/2	4,166.93	1/2	4,489.74	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,827.76	3/4	4,173.92	3/4	4,496.21	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,835.17	9	4,180.91	9	4,502.68	9		9		9		9		9		9		9	
1/4	3,842.59	1/4	4,187.89	1/4	4,509.15	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,850.01	1/2	4,194.88	1/2	4,515.62	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,857.40	3/4	4,201.83	3/4	4,522.06	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,864.78	10	4,208.78	10	4,528.49	10		10		10		10		10		10		10	
1/4	3,872.16	1/4	4,215.73	1/4	4,534.93	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,879.54	1/2	4,222.68	1/2	4,541.36	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,886.89	3/4	4,229.58	3/4	4,547.76	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,894.24	11	4,236.47	11	4,554.16	11		11		11		11		11		11		11	
1/4	3,901.58	1/4	4,243.36	1/4	4,560.55	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,908.93	1/2	4,250.26	1/2	4,566.95	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,916.24	3/4	4,257.07	3/4	4,573.31	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/29/2011 CL - SW  
CALCULATED: 06/29/2011 CL  
PRINTED: 06/29/2011 CL

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 27767"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	3,582.86	0	3,940.14	0	4,280.55	0	4,596.38	0		0		0		0		0		0	
1/4	3,590.34	1/4	3,947.45	1/4	4,287.36	1/4	4,602.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,597.81	1/2	3,954.77	1/2	4,294.18	1/2	4,609.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,605.29	3/4	3,962.04	3/4	4,300.94	3/4	4,615.43	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,612.76	1	3,969.32	1	4,307.70	1	4,621.76	1		1		1		1		1		1	
1/4	3,620.24	1/4	3,976.60	1/4	4,314.46	1/4	4,628.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,627.71	1/2	3,983.87	1/2	4,321.21	1/2	4,634.41	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,635.19	3/4	3,991.11	3/4	4,327.94	3/4	4,640.98	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,642.66	2	3,998.35	2	4,334.66	2	4,647.56	2		2		2		2		2		2	
1/4	3,650.14	1/4	4,005.59	1/4	4,341.38	1/4	4,654.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,657.61	1/2	4,012.83	1/2	4,348.11	1/2	4,660.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,665.09	3/4	4,020.04	3/4	4,354.79	3/4	4,667.82	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,672.56	3	4,027.24	3	4,361.48	3	4,674.94	3		3		3		3		3		3	
1/4	3,680.03	1/4	4,034.45	1/4	4,368.17	1/4	4,682.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,687.51	1/2	4,041.65	1/2	4,374.86	1/2	4,689.17	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,694.98	3/4	4,048.82	3/4	4,381.51	3/4	4,696.56	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,702.46	4	4,055.99	4	4,388.16	4	4,703.95	4		4		4		4		4		4	
1/4	3,709.93	1/4	4,063.16	1/4	4,394.81	1/4	4,711.34	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,717.41	1/2	4,070.32	1/2	4,401.46	1/2	4,718.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,724.88	3/4	4,077.46	3/4	4,408.08	3/4	4,725.94	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,732.36	5	4,084.59	5	4,414.69	5	4,733.16	5		5		5		5		5		5	
1/4	3,739.83	1/4	4,091.72	1/4	4,421.31	1/4	4,740.38	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,747.31	1/2	4,098.85	1/2	4,427.92	1/2	4,747.59	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,754.78	3/4	4,105.95	3/4	4,434.50	3/4	4,754.03	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,762.26	6	4,113.04	6	4,441.08	6	4,760.47	6		6		6		6		6		6	
1/4	3,769.73	1/4	4,120.14	1/4	4,447.66	1/4	4,766.90	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,777.21	1/2	4,127.24	1/2	4,454.24	1/2	4,773.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,784.68	3/4	4,134.30	3/4	4,460.78	3/4	4,778.55	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,792.15	7	4,141.36	7	4,467.32	7	4,783.76	7		7		7		7		7		7	
1/4	3,799.62	1/4	4,148.42	1/4	4,473.87	1/4	4,788.97	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,807.09	1/2	4,155.48	1/2	4,480.41	1/2	4,794.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,814.54	3/4	4,162.50	3/4	4,486.91	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,822.00	8	4,169.53	8	4,493.42	8		8		8		8		8		8		8	
1/4	3,829.45	1/4	4,176.55	1/4	4,499.93	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,836.90	1/2	4,183.57	1/2	4,506.44	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,844.32	3/4	4,190.56	3/4	4,512.91	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,851.74	9	4,197.55	9	4,519.38	9		9		9		9		9		9		9	
1/4	3,859.16	1/4	4,204.54	1/4	4,525.85	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,866.58	1/2	4,211.53	1/2	4,532.32	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,873.97	3/4	4,218.48	3/4	4,538.75	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,881.35	10	4,225.43	10	4,545.19	10		10		10		10		10		10		10	
1/4	3,888.74	1/4	4,232.38	1/4	4,551.62	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,896.12	1/2	4,239.33	1/2	4,558.06	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,903.47	3/4	4,246.23	3/4	4,564.46	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,910.82	11	4,253.12	11	4,570.86	11		11		11		11		11		11		11	
1/4	3,918.17	1/4	4,260.02	1/4	4,577.25	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,925.52	1/2	4,266.91	1/2	4,583.65	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,932.83	3/4	4,273.73	3/4	4,590.02	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/29/2011 CL - SW  
CALCULATED: 06/29/2011 CL  
PRINTED: 06/29/2011 CL

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 27767"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 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	3,411.11	0	3,601.60	0	3,781.71	0	3,947.35	0		0		0		0		0		0	
1/4	3,415.11	1/4	3,605.48	1/4	3,785.28	1/4	3,950.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,419.11	1/2	3,609.36	1/2	3,788.85	1/2	3,954.02	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,423.10	3/4	3,613.22	3/4	3,792.39	3/4	3,957.64	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,427.10	1	3,617.09	1	3,795.94	1	3,961.26	1		1		1		1		1		1	
1/4	3,431.10	1/4	3,620.95	1/4	3,799.49	1/4	3,964.88	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,435.10	1/2	3,624.81	1/2	3,803.04	1/2	3,968.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,439.09	3/4	3,628.66	3/4	3,806.56	3/4	3,972.41	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,443.09	2	3,632.50	2	3,810.09	2	3,976.33	2		2		2		2		2		2	
1/4	3,447.09	1/4	3,636.34	1/4	3,813.62	1/4	3,980.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,451.09	1/2	3,640.19	1/2	3,817.15	1/2	3,984.15	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,455.09	3/4	3,644.01	3/4	3,820.66	3/4	3,988.07	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,459.08	3	3,647.84	3	3,824.16	3	3,991.98	3		3		3		3		3		3	
1/4	3,463.08	1/4	3,651.66	1/4	3,827.67	1/4	3,995.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,467.08	1/2	3,655.48	1/2	3,831.18	1/2	3,999.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,471.08	3/4	3,659.29	3/4	3,834.67	3/4	4,003.37	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,475.07	4	3,663.09	4	3,838.16	4	4,006.93	4		4		4		4		4		4	
1/4	3,479.07	1/4	3,666.90	1/4	3,841.65	1/4	4,010.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,483.07	1/2	3,670.70	1/2	3,845.14	1/2	4,014.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,487.07	3/4	3,674.49	3/4	3,848.61	3/4	4,016.42	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,491.07	5	3,678.28	5	3,852.08	5	4,018.78	5		5		5		5		5		5	
1/4	3,495.06	1/4	3,682.06	1/4	3,855.55	1/4	4,021.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,499.06	1/2	3,685.85	1/2	3,859.02	1/2	4,023.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,503.05	3/4	3,689.61	3/4	3,862.47	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,507.05	6	3,693.38	6	3,865.92	6		6		6		6		6		6		6	
1/4	3,511.04	1/4	3,697.15	1/4	3,869.37	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,515.03	1/2	3,700.91	1/2	3,872.82	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,519.01	3/4	3,704.66	3/4	3,876.25	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,522.99	7	3,708.41	7	3,879.68	7		7		7		7		7		7		7	
1/4	3,526.97	1/4	3,712.16	1/4	3,883.12	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,530.95	1/2	3,715.90	1/2	3,886.55	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,534.91	3/4	3,719.63	3/4	3,889.96	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,538.87	8	3,723.36	8	3,893.37	8		8		8		8		8		8		8	
1/4	3,542.82	1/4	3,727.09	1/4	3,896.78	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,546.78	1/2	3,730.81	1/2	3,900.20	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,550.72	3/4	3,734.52	3/4	3,903.59	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,554.66	9	3,738.23	9	3,906.98	9		9		9		9		9		9		9	
1/4	3,558.60	1/4	3,741.94	1/4	3,910.38	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,562.54	1/2	3,745.65	1/2	3,913.77	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,566.46	3/4	3,749.30	3/4	3,917.14	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,570.38	10	3,752.94	10	3,920.52	10		10		10		10		10		10		10	
1/4	3,574.31	1/4	3,756.59	1/4	3,923.89	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,578.23	1/2	3,760.24	1/2	3,927.26	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,582.13	3/4	3,763.82	3/4	3,930.62	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,586.03	11	3,767.41	11	3,933.97	11		11		11		11		11		11		11	
1/4	3,589.93	1/4	3,771.00	1/4	3,937.33	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,593.83	1/2	3,774.58	1/2	3,940.68	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,597.71	3/4	3,778.15	3/4	3,944.02	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/29/2011 CL - SW  
CALCULATED: 06/29/2011 CL  
PRINTED: 06/29/2011 CL

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 27767"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 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	3,437.15	0	3,627.68	0	3,807.84	0	3,973.52	0		0		0		0		0		0	
1/4	3,441.15	1/4	3,631.56	1/4	3,811.41	1/4	3,976.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,445.15	1/2	3,635.44	1/2	3,814.97	1/2	3,980.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,449.15	3/4	3,639.31	3/4	3,818.52	3/4	3,983.82	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,453.15	1	3,643.17	1	3,822.07	1	3,987.44	1		1		1		1		1		1	
1/4	3,457.15	1/4	3,647.04	1/4	3,825.62	1/4	3,991.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,461.14	1/2	3,650.90	1/2	3,829.17	1/2	3,994.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,465.14	3/4	3,654.74	3/4	3,832.69	3/4	3,998.59	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,469.14	2	3,658.59	2	3,836.22	2	4,002.50	2		2		2		2		2		2	
1/4	3,473.14	1/4	3,662.43	1/4	3,839.75	1/4	4,006.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,477.14	1/2	3,666.28	1/2	3,843.28	1/2	4,010.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,481.14	3/4	3,670.10	3/4	3,846.79	3/4	4,014.25	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,485.14	3	3,673.93	3	3,850.30	3	4,018.16	3		3		3		3		3		3	
1/4	3,489.14	1/4	3,677.75	1/4	3,853.81	1/4	4,022.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,493.13	1/2	3,681.58	1/2	3,857.32	1/2	4,025.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,497.13	3/4	3,685.38	3/4	3,860.81	3/4	4,029.56	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,501.13	4	3,689.19	4	3,864.30	4	4,033.12	4		4		4		4		4		4	
1/4	3,505.13	1/4	3,693.00	1/4	3,867.79	1/4	4,036.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,509.13	1/2	3,696.80	1/2	3,871.28	1/2	4,040.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,513.13	3/4	3,700.59	3/4	3,874.75	3/4	4,042.61	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,517.13	5	3,704.38	5	3,878.22	5	4,044.98	5		5		5		5		5		5	
1/4	3,521.13	1/4	3,708.16	1/4	3,881.69	1/4	4,047.34	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,525.12	1/2	3,711.95	1/2	3,885.16	1/2	4,049.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,529.12	3/4	3,715.72	3/4	3,888.62	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,533.11	6	3,719.48	6	3,892.07	6		6		6		6		6		6		6	
1/4	3,537.10	1/4	3,723.25	1/4	3,895.52	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,541.10	1/2	3,727.02	1/2	3,898.97	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,545.08	3/4	3,730.77	3/4	3,902.40	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,549.06	7	3,734.52	7	3,905.84	7		7		7		7		7		7		7	
1/4	3,553.03	1/4	3,738.26	1/4	3,909.27	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,557.01	1/2	3,742.01	1/2	3,912.70	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,560.97	3/4	3,745.74	3/4	3,916.11	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,564.93	8	3,749.47	8	3,919.53	8		8		8		8		8		8		8	
1/4	3,568.89	1/4	3,753.20	1/4	3,922.94	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,572.85	1/2	3,756.93	1/2	3,926.35	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,576.79	3/4	3,760.64	3/4	3,929.75	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,580.74	9	3,764.35	9	3,933.14	9		9		9		9		9		9		9	
1/4	3,584.68	1/4	3,768.06	1/4	3,936.54	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,588.62	1/2	3,771.77	1/2	3,939.93	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,592.54	3/4	3,775.41	3/4	3,943.30	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,596.46	10	3,779.06	10	3,946.68	10		10		10		10		10		10		10	
1/4	3,600.38	1/4	3,782.71	1/4	3,950.05	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,604.30	1/2	3,786.36	1/2	3,953.43	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,608.21	3/4	3,789.94	3/4	3,956.78	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,612.11	11	3,793.53	11	3,960.14	11		11		11		11		11		11		11	
1/4	3,616.01	1/4	3,797.12	1/4	3,963.50	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,619.91	1/2	3,800.70	1/2	3,966.85	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,623.80	3/4	3,804.27	3/4	3,970.19	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/29/2011 CL - SW  
CALCULATED: 06/29/2011 CL  
PRINTED: 06/29/2011 CL

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 27767"

# FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 6'-10 3/4"

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

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

STRAPPED: 10/08/2021 JS  
 COMPUTED: 10/08/2021 CL  
 PRINTED: 10/08/2021 CL

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 10/2021

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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