



BARGE "KIRBY 27790"

INNAGE TRIM TABLE 2" STANDPIPE

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

December 20, 2019

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 27790"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 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	8.52	0	309.66	0	671.79	0	1,047.78	0	1,423.81	0	1,801.05	0	2,178.51	0	2,555.97	0	2,933.42	0	3,310.87
1/4	11.90	1/4	316.89	1/4	679.65	1/4	1,055.59	1/4	1,431.64	1/4	1,808.92	1/4	2,186.38	1/4	2,563.83	1/4	2,941.28	1/4	3,318.74
1/2	15.27	1/2	324.12	1/2	687.52	1/2	1,063.40	1/2	1,439.48	1/2	1,816.78	1/2	2,194.24	1/2	2,571.69	1/2	2,949.15	1/2	3,326.60
3/4	20.66	3/4	331.45	3/4	695.38	3/4	1,071.20	3/4	1,447.31	3/4	1,824.64	3/4	2,202.10	3/4	2,579.56	3/4	2,957.01	3/4	3,334.46
1	26.05	1	338.77	1	703.25	1	1,079.01	1	1,455.15	1	1,832.51	1	2,209.97	1	2,587.42	1	2,964.87	1	3,342.33
1/4	31.44	1/4	346.09	1/4	711.11	1/4	1,086.82	1/4	1,462.99	1/4	1,840.37	1/4	2,217.83	1/4	2,595.28	1/4	2,972.74	1/4	3,350.19
1/2	36.83	1/2	353.41	1/2	718.97	1/2	1,094.62	1/2	1,470.82	1/2	1,848.24	1/2	2,225.70	1/2	2,603.15	1/2	2,980.60	1/2	3,358.05
3/4	42.72	3/4	360.83	3/4	726.84	3/4	1,102.43	3/4	1,478.67	3/4	1,856.10	3/4	2,233.56	3/4	2,611.01	3/4	2,988.46	3/4	3,365.92
2	48.61	2	368.25	2	734.70	2	1,110.23	2	1,486.52	2	1,863.96	2	2,241.42	2	2,618.88	2	2,996.33	2	3,373.78
1/4	54.50	1/4	375.67	1/4	742.57	1/4	1,118.04	1/4	1,494.37	1/4	1,871.83	1/4	2,249.29	1/4	2,626.74	1/4	3,004.19	1/4	3,381.64
1/2	60.40	1/2	383.09	1/2	750.43	1/2	1,125.85	1/2	1,502.22	1/2	1,879.69	1/2	2,257.15	1/2	2,634.60	1/2	3,012.06	1/2	3,389.51
3/4	65.96	3/4	390.62	3/4	758.30	3/4	1,133.66	3/4	1,510.09	3/4	1,887.55	3/4	2,265.01	3/4	2,642.47	3/4	3,019.92	3/4	3,397.37
3	71.53	3	398.15	3	766.16	3	1,141.46	3	1,517.95	3	1,895.42	3	2,272.88	3	2,650.33	3	3,027.78	3	3,405.24
1/4	77.09	1/4	405.68	1/4	774.02	1/4	1,149.27	1/4	1,525.82	1/4	1,903.28	1/4	2,280.74	1/4	2,658.19	1/4	3,035.65	1/4	3,413.10
1/2	82.66	1/2	413.21	1/2	781.89	1/2	1,157.08	1/2	1,533.68	1/2	1,911.15	1/2	2,288.60	1/2	2,666.06	1/2	3,043.51	1/2	3,420.96
3/4	88.34	3/4	420.63	3/4	789.75	3/4	1,164.90	3/4	1,541.54	3/4	1,919.01	3/4	2,296.47	3/4	2,673.92	3/4	3,051.37	3/4	3,428.83
4	94.02	4	428.05	4	797.62	4	1,172.72	4	1,549.41	4	1,926.87	4	2,304.33	4	2,681.78	4	3,059.24	4	3,436.69
1/4	99.71	1/4	435.46	1/4	805.48	1/4	1,180.55	1/4	1,557.27	1/4	1,934.74	1/4	2,312.19	1/4	2,689.65	1/4	3,067.10	1/4	3,444.55
1/2	105.39	1/2	442.88	1/2	813.35	1/2	1,188.37	1/2	1,565.13	1/2	1,942.60	1/2	2,320.06	1/2	2,697.51	1/2	3,074.96	1/2	3,452.42
3/4	111.64	3/4	449.95	3/4	821.19	3/4	1,196.22	3/4	1,573.00	3/4	1,950.47	3/4	2,327.92	3/4	2,705.37	3/4	3,082.83	3/4	3,460.28
5	117.89	5	457.01	5	829.14	5	1,204.07	5	1,580.86	5	1,958.33	5	2,335.79	5	2,713.24	5	3,090.69	5	3,468.14
1/4	124.14	1/4	464.07	1/4	836.89	1/4	1,211.92	1/4	1,588.73	1/4	1,966.19	1/4	2,343.65	1/4	2,721.10	1/4	3,098.55	1/4	3,476.01
1/2	130.39	1/2	471.14	1/2	844.74	1/2	1,219.77	1/2	1,596.59	1/2	1,974.06	1/2	2,351.51	1/2	2,728.97	1/2	3,106.42	1/2	3,483.87
3/4	136.97	3/4	478.28	3/4	852.57	3/4	1,227.63	3/4	1,604.45	3/4	1,981.92	3/4	2,359.38	3/4	2,736.83	3/4	3,114.28	3/4	3,491.73
6	143.56	6	485.42	6	860.39	6	1,235.50	6	1,612.32	6	1,989.79	6	2,367.24	6	2,744.69	6	3,122.15	6	3,499.60
1/4	150.14	1/4	492.56	1/4	868.21	1/4	1,243.36	1/4	1,620.18	1/4	1,997.65	1/4	2,375.10	1/4	2,752.56	1/4	3,130.01	1/4	3,507.46
1/2	156.73	1/2	499.70	1/2	876.04	1/2	1,251.23	1/2	1,628.05	1/2	2,005.51	1/2	2,382.97	1/2	2,760.42	1/2	3,137.87	1/2	3,515.33
3/4	163.43	3/4	507.33	3/4	883.84	3/4	1,259.09	3/4	1,635.91	3/4	2,013.38	3/4	2,390.83	3/4	2,768.28	3/4	3,145.74	3/4	3,523.19
7	170.13	7	514.96	7	891.65	7	1,266.96	7	1,643.77	7	2,021.24	7	2,398.69	7	2,776.15	7	3,153.60	7	3,531.05
1/4	176.83	1/4	522.60	1/4	899.46	1/4	1,274.82	1/4	1,651.64	1/4	2,029.10	1/4	2,406.56	1/4	2,784.01	1/4	3,161.46	1/4	3,538.92
1/2	183.53	1/2	530.23	1/2	907.27	1/2	1,282.69	1/2	1,659.50	1/2	2,036.97	1/2	2,414.42	1/2	2,791.87	1/2	3,169.33	1/2	3,546.78
3/4	190.34	3/4	538.09	3/4	915.07	3/4	1,290.54	3/4	1,667.37	3/4	2,044.83	3/4	2,422.29	3/4	2,799.74	3/4	3,177.19	3/4	3,554.64
8	197.16	8	545.96	8	922.88	8	1,298.39	8	1,675.23	8	2,052.70	8	2,430.15	8	2,807.60	8	3,185.05	8	3,562.51
1/4	203.98	1/4	553.82	1/4	930.69	1/4	1,306.24	1/4	1,683.09	1/4	2,060.56	1/4	2,438.01	1/4	2,815.47	1/4	3,192.92	1/4	3,570.37
1/2	210.80	1/2	561.69	1/2	938.49	1/2	1,314.09	1/2	1,690.96	1/2	2,068.42	1/2	2,445.88	1/2	2,823.33	1/2	3,200.78	1/2	3,578.23
3/4	217.73	3/4	569.55	3/4	946.30	3/4	1,321.93	3/4	1,698.82	3/4	2,076.29	3/4	2,453.74	3/4	2,831.19	3/4	3,208.65	3/4	3,586.10
9	224.66	9	577.42	9	954.11	9	1,329.76	9	1,706.69	9	2,084.15	9	2,461.60	9	2,839.06	9	3,216.51	9	3,593.96
1/4	231.59	1/4	585.28	1/4	961.91	1/4	1,337.60	1/4	1,714.55	1/4	2,092.01	1/4	2,469.47	1/4	2,846.92	1/4	3,224.37	1/4	3,601.83
1/2	238.51	1/2	593.15	1/2	969.72	1/2	1,345.44	1/2	1,722.41	1/2	2,099.88	1/2	2,477.33	1/2	2,854.78	1/2	3,232.24	1/2	3,609.69
3/4	245.55	3/4	601.01	3/4	977.53	3/4	1,353.27	3/4	1,730.28	3/4	2,107.74	3/4	2,485.19	3/4	2,862.65	3/4	3,240.10	3/4	3,617.55
10	252.58	10	608.88	10	985.33	10	1,361.11	10	1,738.14	10	2,115.60	10	2,493.06	10	2,870.51	10	3,247.96	10	3,625.42
1/4	259.61	1/4	616.74	1/4	993.14	1/4	1,368.95	1/4	1,746.00	1/4	2,123.47	1/4	2,500.92	1/4	2,878.37	1/4	3,255.83	1/4	3,633.28
1/2	266.65	1/2	624.60	1/2	1,000.95	1/2	1,376.79	1/2	1,753.87	1/2	2,131.33	1/2	2,508.78	1/2	2,886.24	1/2	3,263.69	1/2	3,641.14
3/4	273.78	3/4	632.47	3/4	1,008.75	3/4	1,384.62	3/4	1,761.73	3/4	2,139.20	3/4	2,516.65	3/4	2,894.10	3/4	3,271.55	3/4	3,649.01
11	280.92	11	640.33	11	1,016.56	11	1,392.46	11	1,769.60	11	2,147.06	11	2,524.51	11	2,901.96	11	3,279.42	11	3,656.87
1/4	288.06	1/4	648.20	1/4	1,024.36	1/4	1,400.30	1/4	1,777.46	1/4	2,154.92	1/4	2,532.38	1/4	2,909.83	1/4	3,287.28	1/4	3,664.73
1/2	295.19	1/2	656.06	1/2	1,032.17	1/2	1,408.13	1/2	1,785.32	1/2	2,162.79	1/2	2,540.24	1/2	2,917.69	1/2	3,295.14	1/2	3,672.60
3/4	302.42	3/4	663.93	3/4	1,039.98	3/4	1,415.97	3/4	1,793.19	3/4	2,170.65	3/4	2,548.10	3/4	2,925.56	3/4	3,303.01	3/4	3,680.46

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'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "KIRBY 27790"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 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	3,688.32	0	4,064.20	0	4,422.34	0	4,754.83	0		0		0		0		0		0	
1/4	3,696.19	1/4	4,071.90	1/4	4,429.51	1/4	4,761.52	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,704.05	1/2	4,079.59	1/2	4,436.69	1/2	4,768.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,711.92	3/4	4,087.25	3/4	4,443.80	3/4	4,774.88	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,719.78	1	4,094.90	1	4,450.92	1	4,781.54	1		1		1		1		1		1	
1/4	3,727.64	1/4	4,102.56	1/4	4,458.03	1/4	4,788.20	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,735.51	1/2	4,110.21	1/2	4,465.15	1/2	4,794.86	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,743.37	3/4	4,117.83	3/4	4,472.23	3/4	4,801.79	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,751.23	2	4,125.45	2	4,479.30	2	4,808.71	2		2		2		2		2		2	
1/4	3,759.10	1/4	4,133.06	1/4	4,486.38	1/4	4,815.63	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,766.96	1/2	4,140.68	1/2	4,493.46	1/2	4,822.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,774.82	3/4	4,148.26	3/4	4,500.50	3/4	4,830.04	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,782.69	3	4,155.84	3	4,507.54	3	4,837.53	3		3		3		3		3		3	
1/4	3,790.55	1/4	4,163.42	1/4	4,514.58	1/4	4,845.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,798.42	1/2	4,171.00	1/2	4,521.62	1/2	4,852.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,806.28	3/4	4,178.54	3/4	4,528.62	3/4	4,860.29	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,814.14	4	4,186.08	4	4,535.62	4	4,868.07	4		4		4		4		4		4	
1/4	3,822.01	1/4	4,193.62	1/4	4,542.62	1/4	4,875.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,829.87	1/2	4,201.16	1/2	4,549.63	1/2	4,883.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,837.73	3/4	4,208.67	3/4	4,556.59	3/4	4,891.22	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,845.60	5	4,216.17	5	4,563.55	5	4,898.82	5		5		5		5		5		5	
1/4	3,853.46	1/4	4,223.67	1/4	4,570.52	1/4	4,906.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,861.32	1/2	4,231.18	1/2	4,577.48	1/2	4,914.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,869.19	3/4	4,238.64	3/4	4,584.41	3/4	4,920.78	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,877.05	6	4,246.11	6	4,591.33	6	4,927.56	6		6		6		6		6		6	
1/4	3,884.91	1/4	4,253.57	1/4	4,598.26	1/4	4,934.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,892.78	1/2	4,261.04	1/2	4,605.19	1/2	4,941.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,900.64	3/4	4,268.47	3/4	4,612.07	3/4	4,946.59	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,908.51	7	4,275.89	7	4,618.96	7	4,952.08	7		7		7		7		7		7	
1/4	3,916.37	1/4	4,283.32	1/4	4,625.85	1/4	4,957.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,924.23	1/2	4,290.75	1/2	4,632.74	1/2	4,963.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,932.07	3/4	4,298.14	3/4	4,639.59	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,939.91	8	4,305.53	8	4,646.44	8		8		8		8		8		8		8	
1/4	3,947.75	1/4	4,312.92	1/4	4,653.29	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,955.59	1/2	4,320.31	1/2	4,660.14	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,963.40	3/4	4,327.66	3/4	4,666.95	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,971.21	9	4,335.01	9	4,673.76	9		9		9		9		9		9		9	
1/4	3,979.01	1/4	4,342.36	1/4	4,680.57	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,986.82	1/2	4,349.71	1/2	4,687.39	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,994.59	3/4	4,357.03	3/4	4,694.16	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	4,002.36	10	4,364.34	10	4,700.94	10		10		10		10		10		10		10	
1/4	4,010.13	1/4	4,371.66	1/4	4,707.71	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,017.89	1/2	4,378.97	1/2	4,714.48	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,025.63	3/4	4,386.22	3/4	4,721.22	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	4,033.36	11	4,393.48	11	4,727.96	11		11		11		11		11		11		11	
1/4	4,041.09	1/4	4,400.73	1/4	4,734.69	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,048.82	1/2	4,407.99	1/2	4,741.43	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,056.51	3/4	4,415.16	3/4	4,748.13	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/13/2014 CL
 RECALCULATED: 12/20/2019 PMA
 REPRINTED: 12/20/2019 PMA

CANCELS AND SUPERCEDES
 ALL PRIOR TO 12/2019

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



BARGE "KIRBY 27790"

1 STBD 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	309.70	0	671.83	0	1,048.64	0	1,425.24	0	1,802.49	0	2,179.95	0	2,557.41	0	2,934.87	0	3,312.33
1/4	11.90	1/4	316.93	1/4	679.70	1/4	1,056.48	1/4	1,433.08	1/4	1,810.36	1/4	2,187.82	1/4	2,565.28	1/4	2,942.73	1/4	3,320.19
1/2	15.27	1/2	324.16	1/2	687.56	1/2	1,064.31	1/2	1,440.92	1/2	1,818.22	1/2	2,195.68	1/2	2,573.14	1/2	2,950.60	1/2	3,328.06
3/4	20.67	3/4	331.49	3/4	695.43	3/4	1,072.15	3/4	1,448.75	3/4	1,826.08	3/4	2,203.55	3/4	2,581.00	3/4	2,958.46	3/4	3,335.92
1	26.06	1	338.81	1	703.29	1	1,079.98	1	1,456.59	1	1,833.95	1	2,211.41	1	2,588.87	1	2,966.32	1	3,343.78
1/4	31.45	1/4	346.13	1/4	711.16	1/4	1,087.82	1/4	1,464.43	1/4	1,841.81	1/4	2,219.27	1/4	2,596.73	1/4	2,974.19	1/4	3,351.65
1/2	36.84	1/2	353.46	1/2	719.02	1/2	1,095.65	1/2	1,472.26	1/2	1,849.68	1/2	2,227.14	1/2	2,604.59	1/2	2,982.05	1/2	3,359.51
3/4	42.73	3/4	360.87	3/4	726.88	3/4	1,103.49	3/4	1,480.11	3/4	1,857.54	3/4	2,235.00	3/4	2,612.46	3/4	2,989.92	3/4	3,367.37
2	48.63	2	368.29	2	734.75	2	1,111.32	2	1,487.96	2	1,865.40	2	2,242.86	2	2,620.32	2	2,997.78	2	3,375.24
1/4	54.52	1/4	375.71	1/4	742.61	1/4	1,119.16	1/4	1,495.81	1/4	1,873.27	1/4	2,250.73	1/4	2,628.19	1/4	3,005.64	1/4	3,383.10
1/2	60.41	1/2	383.13	1/2	750.48	1/2	1,126.99	1/2	1,503.66	1/2	1,881.13	1/2	2,258.59	1/2	2,636.05	1/2	3,013.51	1/2	3,390.96
3/4	65.98	3/4	390.66	3/4	758.34	3/4	1,134.83	3/4	1,511.53	3/4	1,888.99	3/4	2,266.46	3/4	2,643.91	3/4	3,021.37	3/4	3,398.83
3	71.55	3	398.19	3	766.21	3	1,142.67	3	1,519.39	3	1,896.86	3	2,274.32	3	2,651.78	3	3,029.23	3	3,406.69
1/4	77.11	1/4	405.72	1/4	774.07	1/4	1,150.51	1/4	1,527.26	1/4	1,904.72	1/4	2,282.18	1/4	2,659.64	1/4	3,037.10	1/4	3,414.56
1/2	82.68	1/2	413.26	1/2	781.93	1/2	1,158.34	1/2	1,535.12	1/2	1,912.59	1/2	2,290.05	1/2	2,667.50	1/2	3,044.96	1/2	3,422.42
3/4	88.36	3/4	420.67	3/4	789.80	3/4	1,166.20	3/4	1,542.98	3/4	1,920.45	3/4	2,297.91	3/4	2,675.37	3/4	3,052.83	3/4	3,430.28
4	94.05	4	428.09	4	797.66	4	1,174.05	4	1,550.85	4	1,928.31	4	2,305.77	4	2,683.23	4	3,060.69	4	3,438.15
1/4	99.73	1/4	435.51	1/4	805.53	1/4	1,181.90	1/4	1,558.71	1/4	1,936.18	1/4	2,313.64	1/4	2,691.10	1/4	3,068.55	1/4	3,446.01
1/2	105.41	1/2	442.92	1/2	813.39	1/2	1,189.75	1/2	1,566.57	1/2	1,944.04	1/2	2,321.50	1/2	2,698.96	1/2	3,076.42	1/2	3,453.87
3/4	111.66	3/4	449.99	3/4	821.25	3/4	1,197.62	3/4	1,574.44	3/4	1,951.91	3/4	2,329.37	3/4	2,706.82	3/4	3,084.28	3/4	3,461.74
5	117.91	5	457.05	5	829.12	5	1,205.48	5	1,582.30	5	1,959.77	5	2,337.23	5	2,714.69	5	3,092.14	5	3,469.60
1/4	124.16	1/4	464.12	1/4	836.98	1/4	1,213.35	1/4	1,590.17	1/4	1,967.63	1/4	2,345.09	1/4	2,722.55	1/4	3,100.01	1/4	3,477.47
1/2	130.41	1/2	471.18	1/2	844.85	1/2	1,221.21	1/2	1,598.03	1/2	1,975.50	1/2	2,352.96	1/2	2,730.41	1/2	3,107.87	1/2	3,485.33
3/4	137.00	3/4	478.32	3/4	852.70	3/4	1,229.07	3/4	1,605.89	3/4	1,983.36	3/4	2,360.82	3/4	2,738.28	3/4	3,115.74	3/4	3,493.19
6	143.59	6	485.46	6	860.55	6	1,236.94	6	1,613.76	6	1,991.23	6	2,368.68	6	2,746.14	6	3,123.60	6	3,501.06
1/4	150.17	1/4	492.60	1/4	868.40	1/4	1,244.80	1/4	1,621.62	1/4	1,999.09	1/4	2,376.55	1/4	2,754.00	1/4	3,131.46	1/4	3,508.92
1/2	156.76	1/2	499.75	1/2	876.25	1/2	1,252.67	1/2	1,629.49	1/2	2,006.95	1/2	2,384.41	1/2	2,761.87	1/2	3,139.33	1/2	3,516.78
3/4	163.46	3/4	507.38	3/4	884.09	3/4	1,260.53	3/4	1,637.35	3/4	2,014.82	3/4	2,392.27	3/4	2,769.73	3/4	3,147.19	3/4	3,524.65
7	170.16	7	515.01	7	891.93	7	1,268.40	7	1,645.21	7	2,022.68	7	2,400.14	7	2,777.60	7	3,155.05	7	3,532.51
1/4	176.86	1/4	522.64	1/4	899.77	1/4	1,276.26	1/4	1,653.08	1/4	2,030.54	1/4	2,408.00	1/4	2,785.46	1/4	3,162.92	1/4	3,540.37
1/2	183.56	1/2	530.27	1/2	907.60	1/2	1,284.13	1/2	1,660.94	1/2	2,038.41	1/2	2,415.87	1/2	2,793.32	1/2	3,170.78	1/2	3,548.24
3/4	190.38	3/4	538.14	3/4	915.44	3/4	1,291.98	3/4	1,668.81	3/4	2,046.27	3/4	2,423.73	3/4	2,801.19	3/4	3,178.64	3/4	3,556.10
8	197.19	8	546.00	8	923.27	8	1,299.83	8	1,676.67	8	2,054.14	8	2,431.59	8	2,809.05	8	3,186.51	8	3,563.97
1/4	204.01	1/4	553.87	1/4	931.11	1/4	1,307.68	1/4	1,684.53	1/4	2,062.00	1/4	2,439.46	1/4	2,816.91	1/4	3,194.37	1/4	3,571.83
1/2	210.83	1/2	561.73	1/2	938.95	1/2	1,315.53	1/2	1,692.40	1/2	2,069.86	1/2	2,447.32	1/2	2,824.78	1/2	3,202.24	1/2	3,579.69
3/4	217.76	3/4	569.60	3/4	946.78	3/4	1,323.37	3/4	1,700.26	3/4	2,077.73	3/4	2,455.18	3/4	2,832.64	3/4	3,210.10	3/4	3,587.56
9	224.69	9	577.46	9	954.62	9	1,331.20	9	1,708.12	9	2,085.59	9	2,463.05	9	2,840.51	9	3,217.96	9	3,595.42
1/4	231.62	1/4	585.33	1/4	962.45	1/4	1,339.04	1/4	1,715.99	1/4	2,093.45	1/4	2,470.91	1/4	2,848.37	1/4	3,225.83	1/4	3,603.28
1/2	238.55	1/2	593.19	1/2	970.29	1/2	1,346.88	1/2	1,723.85	1/2	2,101.32	1/2	2,478.78	1/2	2,856.23	1/2	3,233.69	1/2	3,611.15
3/4	245.58	3/4	601.06	3/4	978.12	3/4	1,354.71	3/4	1,731.72	3/4	2,109.18	3/4	2,486.64	3/4	2,864.10	3/4	3,241.55	3/4	3,619.01
10	252.61	10	608.92	10	985.96	10	1,362.55	10	1,739.58	10	2,117.05	10	2,494.50	10	2,871.96	10	3,249.42	10	3,626.88
1/4	259.65	1/4	616.79	1/4	993.79	1/4	1,370.39	1/4	1,747.44	1/4	2,124.91	1/4	2,502.37	1/4	2,879.82	1/4	3,257.28	1/4	3,634.74
1/2	266.68	1/2	624.65	1/2	1,001.63	1/2	1,378.22	1/2	1,755.31	1/2	2,132.77	1/2	2,510.23	1/2	2,887.69	1/2	3,265.15	1/2	3,642.60
3/4	273.82	3/4	632.51	3/4	1,009.46	3/4	1,386.06	3/4	1,763.17	3/4	2,140.64	3/4	2,518.09	3/4	2,895.55	3/4	3,273.01	3/4	3,650.47
11	280.96	11	640.38	11	1,017.30	11	1,393.90	11	1,771.04	11	2,148.50	11	2,525.96	11	2,903.42	11	3,280.87	11	3,658.33
1/4	288.09	1/4	648.24	1/4	1,025.13	1/4	1,401.73	1/4	1,778.90	1/4	2,156.36	1/4	2,533.82	1/4	2,911.28	1/4	3,288.74	1/4	3,666.19
1/2	295.23	1/2	656.11	1/2	1,032.97	1/2	1,409.57	1/2	1,786.76	1/2	2,164.23	1/2	2,541.69	1/2	2,919.14	1/2	3,296.60	1/2	3,674.06
3/4	302.46	3/4	663.97	3/4	1,040.80	3/4	1,417.41	3/4	1,794.63	3/4	2,172.09	3/4	2,549.55	3/4	2,927.01	3/4	3,304.46	3/4	3,681.92

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'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 27790"

1 STBD 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	3,689.79	0	4,065.65	0	4,423.79	0	4,756.30	0		0		0		0		0		0	
1/4	3,697.65	1/4	4,073.34	1/4	4,430.96	1/4	4,762.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,705.51	1/2	4,081.03	1/2	4,438.14	1/2	4,769.69	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,713.38	3/4	4,088.69	3/4	4,445.25	3/4	4,776.35	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,721.24	1	4,096.34	1	4,452.37	1	4,783.02	1		1		1		1		1		1	
1/4	3,729.10	1/4	4,104.00	1/4	4,459.48	1/4	4,789.68	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,736.97	1/2	4,111.65	1/2	4,466.60	1/2	4,796.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,744.83	3/4	4,119.27	3/4	4,473.68	3/4	4,803.26	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,752.69	2	4,126.89	2	4,480.76	2	4,810.18	2		2		2		2		2		2	
1/4	3,760.56	1/4	4,134.50	1/4	4,487.83	1/4	4,817.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,768.42	1/2	4,142.12	1/2	4,494.91	1/2	4,824.03	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,776.29	3/4	4,149.70	3/4	4,501.95	3/4	4,831.52	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,784.15	3	4,157.28	3	4,508.99	3	4,839.01	3		3		3		3		3		3	
1/4	3,792.01	1/4	4,164.86	1/4	4,516.03	1/4	4,846.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,799.88	1/2	4,172.44	1/2	4,523.07	1/2	4,853.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,807.74	3/4	4,179.98	3/4	4,530.07	3/4	4,861.77	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,815.60	4	4,187.52	4	4,537.08	4	4,869.54	4		4		4		4		4		4	
1/4	3,823.47	1/4	4,195.06	1/4	4,544.08	1/4	4,877.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,831.33	1/2	4,202.60	1/2	4,551.08	1/2	4,885.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,839.20	3/4	4,210.11	3/4	4,558.05	3/4	4,892.70	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,847.06	5	4,217.61	5	4,565.01	5	4,900.29	5		5		5		5		5		5	
1/4	3,854.92	1/4	4,225.12	1/4	4,571.97	1/4	4,907.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,862.79	1/2	4,232.62	1/2	4,578.94	1/2	4,915.48	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,870.65	3/4	4,240.09	3/4	4,585.87	3/4	4,922.25	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,878.51	6	4,247.55	6	4,592.79	6	4,929.03	6		6		6		6		6		6	
1/4	3,886.38	1/4	4,255.02	1/4	4,599.72	1/4	4,935.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,894.24	1/2	4,262.48	1/2	4,606.64	1/2	4,942.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,902.10	3/4	4,269.91	3/4	4,613.53	3/4	4,948.07	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,909.96	7	4,277.34	7	4,620.42	7	4,953.55	7		7		7		7		7		7	
1/4	3,917.81	1/4	4,284.77	1/4	4,627.31	1/4	4,959.04	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,925.67	1/2	4,292.19	1/2	4,634.20	1/2	4,964.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,933.51	3/4	4,299.58	3/4	4,641.05	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,941.35	8	4,306.97	8	4,647.90	8		8		8		8		8		8		8	
1/4	3,949.19	1/4	4,314.36	1/4	4,654.75	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,957.03	1/2	4,321.75	1/2	4,661.60	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,964.84	3/4	4,329.10	3/4	4,668.41	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,972.65	9	4,336.46	9	4,675.23	9		9		9		9		9		9		9	
1/4	3,980.45	1/4	4,343.81	1/4	4,682.04	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,988.26	1/2	4,351.16	1/2	4,688.85	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,996.03	3/4	4,358.47	3/4	4,695.63	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	4,003.80	10	4,365.79	10	4,702.40	10		10		10		10		10		10		10	
1/4	4,011.57	1/4	4,373.10	1/4	4,709.18	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,019.33	1/2	4,380.42	1/2	4,715.95	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,027.07	3/4	4,387.67	3/4	4,722.69	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	4,034.80	11	4,394.93	11	4,729.42	11		11		11		11		11		11		11	
1/4	4,042.53	1/4	4,402.18	1/4	4,736.16	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,050.26	1/2	4,409.44	1/2	4,742.90	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,057.95	3/4	4,416.61	3/4	4,749.60	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/13/2014 CL
RECALCULATED: 12/20/2019 PMA
REPRINTED: 12/20/2019 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2019

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



BARGE "KIRBY 27790"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 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	23.06	0	366.52	0	718.33	0	1,067.23	0	1,418.03	0	1,775.29	0	2,134.49	0	2,493.69	0	2,852.88	0	3,212.07
1/4	28.05	1/4	374.00	1/4	725.82	1/4	1,074.38	1/4	1,425.36	1/4	1,782.78	1/4	2,141.98	1/4	2,501.17	1/4	2,860.36	1/4	3,219.56
1/2	33.03	1/2	381.47	1/2	733.30	1/2	1,081.54	1/2	1,432.68	1/2	1,790.26	1/2	2,149.46	1/2	2,508.65	1/2	2,867.85	1/2	3,227.04
3/4	39.84	3/4	388.94	3/4	740.78	3/4	1,088.69	3/4	1,440.00	3/4	1,797.74	3/4	2,156.94	3/4	2,516.14	3/4	2,875.33	3/4	3,234.52
1	46.65	1	396.40	1	748.27	1	1,095.84	1	1,447.32	1	1,805.23	1	2,164.43	1	2,523.62	1	2,882.81	1	3,242.01
1/4	53.46	1/4	403.86	1/4	755.75	1/4	1,103.00	1/4	1,454.64	1/4	1,812.71	1/4	2,171.91	1/4	2,531.10	1/4	2,890.30	1/4	3,249.49
1/2	60.27	1/2	411.32	1/2	763.24	1/2	1,110.15	1/2	1,461.96	1/2	1,820.19	1/2	2,179.39	1/2	2,538.59	1/2	2,897.78	1/2	3,256.97
3/4	67.46	3/4	418.77	3/4	770.72	3/4	1,117.30	3/4	1,469.28	3/4	1,827.68	3/4	2,186.88	3/4	2,546.07	3/4	2,905.26	3/4	3,264.46
2	74.65	2	426.23	2	778.20	2	1,124.46	2	1,476.61	2	1,835.16	2	2,194.36	2	2,553.55	2	2,912.75	2	3,271.94
1/4	81.84	1/4	433.68	1/4	785.69	1/4	1,131.61	1/4	1,483.93	1/4	1,842.64	1/4	2,201.84	1/4	2,561.04	1/4	2,920.23	1/4	3,279.42
1/2	89.02	1/2	441.14	1/2	793.17	1/2	1,138.76	1/2	1,491.25	1/2	1,850.13	1/2	2,209.33	1/2	2,568.52	1/2	2,927.71	1/2	3,286.91
3/4	95.80	3/4	448.60	3/4	800.65	3/4	1,145.92	3/4	1,498.65	3/4	1,857.61	3/4	2,216.81	3/4	2,576.00	3/4	2,935.20	3/4	3,294.39
3	102.58	3	456.06	3	808.14	3	1,153.07	3	1,506.05	3	1,865.09	3	2,224.29	3	2,583.49	3	2,942.68	3	3,301.87
1/4	109.36	1/4	463.52	1/4	815.62	1/4	1,160.23	1/4	1,513.45	1/4	1,872.58	1/4	2,231.78	1/4	2,590.97	1/4	2,950.16	1/4	3,309.36
1/2	116.14	1/2	470.98	1/2	823.11	1/2	1,167.38	1/2	1,520.86	1/2	1,880.06	1/2	2,239.26	1/2	2,598.45	1/2	2,957.65	1/2	3,316.84
3/4	122.93	3/4	478.24	3/4	830.44	3/4	1,174.55	3/4	1,528.34	3/4	1,887.54	3/4	2,246.74	3/4	2,605.94	3/4	2,965.13	3/4	3,324.32
4	129.72	4	485.49	4	837.77	4	1,181.72	4	1,535.82	4	1,895.03	4	2,254.22	4	2,613.42	4	2,972.61	4	3,331.81
1/4	136.51	1/4	492.75	1/4	845.11	1/4	1,188.89	1/4	1,543.31	1/4	1,902.51	1/4	2,261.71	1/4	2,620.90	1/4	2,980.10	1/4	3,339.29
1/2	143.30	1/2	500.00	1/2	852.44	1/2	1,196.06	1/2	1,550.79	1/2	1,909.99	1/2	2,269.19	1/2	2,628.38	1/2	2,987.58	1/2	3,346.77
3/4	150.53	3/4	506.82	3/4	859.62	3/4	1,203.40	3/4	1,558.27	3/4	1,917.48	3/4	2,276.67	3/4	2,635.87	3/4	2,995.06	3/4	3,354.26
5	157.76	5	513.65	5	866.80	5	1,210.73	5	1,565.76	5	1,924.96	5	2,284.16	5	2,643.35	5	3,002.54	5	3,361.74
1/4	164.99	1/4	520.47	1/4	873.99	1/4	1,218.06	1/4	1,573.24	1/4	1,932.44	1/4	2,291.64	1/4	2,650.83	1/4	3,010.03	1/4	3,369.22
1/2	172.22	1/2	527.29	1/2	881.17	1/2	1,225.40	1/2	1,580.72	1/2	1,939.93	1/2	2,299.12	1/2	2,658.32	1/2	3,017.51	1/2	3,376.70
3/4	179.68	3/4	534.11	3/4	888.34	3/4	1,232.88	3/4	1,588.21	3/4	1,947.41	3/4	2,306.61	3/4	2,665.80	3/4	3,024.99	3/4	3,384.19
6	187.13	6	540.93	6	895.51	6	1,240.37	6	1,595.69	6	1,954.89	6	2,314.09	6	2,673.28	6	3,032.48	6	3,391.67
1/4	194.58	1/4	547.75	1/4	902.68	1/4	1,247.85	1/4	1,603.17	1/4	1,962.38	1/4	2,321.57	1/4	2,680.77	1/4	3,039.96	1/4	3,399.15
1/2	202.03	1/2	554.57	1/2	909.85	1/2	1,255.33	1/2	1,610.66	1/2	1,969.86	1/2	2,329.06	1/2	2,688.25	1/2	3,047.44	1/2	3,406.64
3/4	209.49	3/4	561.83	3/4	917.00	3/4	1,262.82	3/4	1,618.14	3/4	1,977.34	3/4	2,336.54	3/4	2,695.73	3/4	3,054.93	3/4	3,414.12
7	216.95	7	569.10	7	924.16	7	1,270.30	7	1,625.62	7	1,984.83	7	2,344.02	7	2,703.22	7	3,062.41	7	3,421.60
1/4	224.41	1/4	576.36	1/4	931.31	1/4	1,277.79	1/4	1,633.11	1/4	1,992.31	1/4	2,351.51	1/4	2,710.70	1/4	3,069.89	1/4	3,429.09
1/2	231.87	1/2	583.62	1/2	938.47	1/2	1,285.27	1/2	1,640.59	1/2	1,999.80	1/2	2,358.99	1/2	2,718.18	1/2	3,077.38	1/2	3,436.57
3/4	239.35	3/4	591.11	3/4	945.62	3/4	1,292.75	3/4	1,648.08	3/4	2,007.28	3/4	2,366.47	3/4	2,725.67	3/4	3,084.86	3/4	3,444.05
8	246.82	8	598.59	8	952.78	8	1,300.24	8	1,655.56	8	2,014.76	8	2,373.96	8	2,733.15	8	3,092.34	8	3,451.54
1/4	254.30	1/4	606.07	1/4	959.93	1/4	1,307.72	1/4	1,663.04	1/4	2,022.25	1/4	2,381.44	1/4	2,740.63	1/4	3,099.83	1/4	3,459.02
1/2	261.78	1/2	613.56	1/2	967.08	1/2	1,315.21	1/2	1,670.53	1/2	2,029.73	1/2	2,388.92	1/2	2,748.12	1/2	3,107.31	1/2	3,466.50
3/4	269.26	3/4	621.04	3/4	974.24	3/4	1,322.61	3/4	1,678.01	3/4	2,037.21	3/4	2,396.41	3/4	2,755.60	3/4	3,114.79	3/4	3,473.99
9	276.74	9	628.53	9	981.39	9	1,330.01	9	1,685.49	9	2,044.70	9	2,403.89	9	2,763.08	9	3,122.28	9	3,481.47
1/4	284.22	1/4	636.01	1/4	988.54	1/4	1,337.41	1/4	1,692.98	1/4	2,052.18	1/4	2,411.37	1/4	2,770.57	1/4	3,129.76	1/4	3,488.95
1/2	291.71	1/2	643.50	1/2	995.70	1/2	1,344.82	1/2	1,700.46	1/2	2,059.66	1/2	2,418.86	1/2	2,778.05	1/2	3,137.24	1/2	3,496.44
3/4	299.19	3/4	650.98	3/4	1,002.85	3/4	1,352.14	3/4	1,707.94	3/4	2,067.14	3/4	2,426.34	3/4	2,785.53	3/4	3,144.73	3/4	3,503.92
10	306.67	10	658.46	10	1,010.00	10	1,359.46	10	1,715.43	10	2,074.63	10	2,433.82	10	2,793.02	10	3,152.21	10	3,511.40
1/4	314.16	1/4	665.95	1/4	1,017.16	1/4	1,366.78	1/4	1,722.91	1/4	2,082.11	1/4	2,441.30	1/4	2,800.50	1/4	3,159.69	1/4	3,518.89
1/2	321.64	1/2	673.43	1/2	1,024.31	1/2	1,374.11	1/2	1,730.39	1/2	2,089.59	1/2	2,448.79	1/2	2,807.98	1/2	3,167.18	1/2	3,526.37
3/4	329.12	3/4	680.92	3/4	1,031.46	3/4	1,381.43	3/4	1,737.88	3/4	2,097.08	3/4	2,456.27	3/4	2,815.46	3/4	3,174.66	3/4	3,533.85
11	336.61	11	688.40	11	1,038.62	11	1,388.75	11	1,745.36	11	2,104.56	11	2,463.75	11	2,822.95	11	3,182.14	11	3,541.34
1/4	344.09	1/4	695.88	1/4	1,045.77	1/4	1,396.07	1/4	1,752.84	1/4	2,112.04	1/4	2,471.24	1/4	2,830.43	1/4	3,189.62	1/4	3,548.82
1/2	351.57	1/2	703.37	1/2	1,052.92	1/2	1,403.39	1/2	1,760.33	1/2	2,119.53	1/2	2,478.72	1/2	2,837.91	1/2	3,197.11	1/2	3,556.30
3/4	359.05	3/4	710.85	3/4	1,060.08	3/4	1,410.71	3/4	1,767.81	3/4	2,127.01	3/4	2,486.20	3/4	2,845.40	3/4	3,204.59	3/4	3,563.78

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK 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 27790"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 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	3,571.27	0	3,928.95	0	4,269.75	0	4,585.97	0		0		0		0		0		0	
1/4	3,578.75	1/4	3,936.27	1/4	4,276.57	1/4	4,592.34	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,586.23	1/2	3,943.59	1/2	4,283.40	1/2	4,598.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,593.72	3/4	3,950.87	3/4	4,290.17	3/4	4,605.05	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,601.20	1	3,958.16	1	4,296.93	1	4,611.38	1		1		1		1		1		1	
1/4	3,608.68	1/4	3,965.44	1/4	4,303.70	1/4	4,617.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,616.17	1/2	3,972.73	1/2	4,310.47	1/2	4,624.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,623.65	3/4	3,979.98	3/4	4,317.20	3/4	4,630.63	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,631.13	2	3,987.23	2	4,323.93	2	4,637.22	2		2		2		2		2		2	
1/4	3,638.62	1/4	3,994.47	1/4	4,330.66	1/4	4,643.80	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,646.10	1/2	4,001.72	1/2	4,337.39	1/2	4,650.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,653.58	3/4	4,008.94	3/4	4,344.09	3/4	4,657.51	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,661.07	3	4,016.15	3	4,350.79	3	4,664.63	3		3		3		3		3		3	
1/4	3,668.55	1/4	4,023.36	1/4	4,357.48	1/4	4,671.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,676.03	1/2	4,030.57	1/2	4,364.18	1/2	4,678.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,683.52	3/4	4,037.75	3/4	4,370.84	3/4	4,686.28	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,691.00	4	4,044.93	4	4,377.49	4	4,693.67	4		4		4		4		4		4	
1/4	3,698.48	1/4	4,052.10	1/4	4,384.15	1/4	4,701.07	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,705.97	1/2	4,059.28	1/2	4,390.81	1/2	4,708.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,713.45	3/4	4,066.42	3/4	4,397.44	3/4	4,715.69	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,720.93	5	4,073.56	5	4,404.06	5	4,722.92	5		5		5		5		5		5	
1/4	3,728.42	1/4	4,080.70	1/4	4,410.68	1/4	4,730.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,735.90	1/2	4,087.84	1/2	4,417.31	1/2	4,737.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,743.38	3/4	4,094.95	3/4	4,423.89	3/4	4,743.80	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,750.86	6	4,102.05	6	4,430.48	6	4,750.25	6		6		6		6		6		6	
1/4	3,758.35	1/4	4,109.16	1/4	4,437.07	1/4	4,756.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,765.83	1/2	4,116.26	1/2	4,443.65	1/2	4,763.13	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,773.31	3/4	4,123.33	3/4	4,450.20	3/4	4,768.35	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,780.79	7	4,130.40	7	4,456.76	7	4,773.56	7		7		7		7		7		7	
1/4	3,788.27	1/4	4,137.47	1/4	4,463.31	1/4	4,778.78	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,795.75	1/2	4,144.53	1/2	4,469.86	1/2	4,784.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,803.21	3/4	4,151.57	3/4	4,476.37	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,810.67	8	4,158.60	8	4,482.89	8		8		8		8		8		8		8	
1/4	3,818.13	1/4	4,165.63	1/4	4,489.40	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,825.59	1/2	4,172.66	1/2	4,495.92	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,833.02	3/4	4,179.66	3/4	4,502.40	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,840.45	9	4,186.66	9	4,508.88	9		9		9		9		9		9		9	
1/4	3,847.88	1/4	4,193.65	1/4	4,515.35	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,855.31	1/2	4,200.65	1/2	4,521.83	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,862.70	3/4	4,207.61	3/4	4,528.28	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,870.09	10	4,214.57	10	4,534.72	10		10		10		10		10		10		10	
1/4	3,877.48	1/4	4,221.53	1/4	4,541.16	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,884.88	1/2	4,228.49	1/2	4,547.60	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,892.23	3/4	4,235.39	3/4	4,554.01	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,899.59	11	4,242.29	11	4,560.42	11		11		11		11		11		11		11	
1/4	3,906.95	1/4	4,249.20	1/4	4,566.82	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,914.30	1/2	4,256.10	1/2	4,573.23	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,921.63	3/4	4,262.93	3/4	4,579.60	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/13/2014 CL
RECALCULATED: 12/20/2019 PMA
REPRINTED: 12/20/2019 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2019

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



BARGE "KIRBY 27790"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07"

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	366.16	0	717.63	0	1,075.82	0	1,432.31	0	1,789.22	0	2,148.07	0	2,506.92	0	2,865.76	0	3,224.60
1/4	28.02	1/4	373.63	1/4	725.11	1/4	1,083.27	1/4	1,439.62	1/4	1,796.70	1/4	2,155.55	1/4	2,514.39	1/4	2,873.23	1/4	3,232.08
1/2	33.00	1/2	381.10	1/2	732.58	1/2	1,090.72	1/2	1,446.94	1/2	1,804.17	1/2	2,163.02	1/2	2,521.87	1/2	2,880.71	1/2	3,239.55
3/4	39.81	3/4	388.55	3/4	740.06	3/4	1,098.17	3/4	1,454.25	3/4	1,811.65	3/4	2,170.50	3/4	2,529.34	3/4	2,888.19	3/4	3,247.03
1	46.61	1	396.01	1	747.53	1	1,105.61	1	1,461.57	1	1,819.12	1	2,177.98	1	2,536.82	1	2,956.66	1	3,254.51
1/4	53.41	1/4	403.46	1/4	755.01	1/4	1,113.06	1/4	1,468.88	1/4	1,826.60	1/4	2,185.45	1/4	2,544.30	1/4	2,903.14	1/4	3,261.98
1/2	60.21	1/2	410.92	1/2	762.49	1/2	1,120.51	1/2	1,476.19	1/2	1,834.08	1/2	2,192.93	1/2	2,551.77	1/2	2,910.61	1/2	3,269.46
3/4	67.40	3/4	418.36	3/4	769.96	3/4	1,127.96	3/4	1,483.51	3/4	1,841.55	3/4	2,200.40	3/4	2,559.25	3/4	2,918.09	3/4	3,276.93
2	74.58	2	425.81	2	777.44	2	1,135.40	2	1,490.82	2	1,849.03	2	2,207.88	2	2,566.72	2	2,925.57	2	3,284.41
1/4	81.76	1/4	433.26	1/4	784.92	1/4	1,142.85	1/4	1,498.14	1/4	1,856.50	1/4	2,215.36	1/4	2,574.20	1/4	2,933.04	1/4	3,291.89
1/2	88.94	1/2	440.70	1/2	792.39	1/2	1,150.30	1/2	1,505.45	1/2	1,863.98	1/2	2,222.83	1/2	2,581.67	1/2	2,940.52	1/2	3,299.36
3/4	95.71	3/4	448.16	3/4	799.87	3/4	1,157.75	3/4	1,512.85	3/4	1,871.46	3/4	2,230.31	3/4	2,589.15	3/4	2,947.99	3/4	3,306.84
3	102.48	3	455.61	3	807.35	3	1,165.20	3	1,520.24	3	1,879.93	3	2,237.78	3	2,596.63	3	2,955.47	3	3,314.31
1/4	109.25	1/4	463.07	1/4	814.82	1/4	1,172.65	1/4	1,527.64	1/4	1,886.41	1/4	2,245.26	1/4	2,604.10	1/4	2,962.95	1/4	3,321.79
1/2	116.02	1/2	470.52	1/2	822.30	1/2	1,180.10	1/2	1,535.03	1/2	1,893.88	1/2	2,252.74	1/2	2,611.58	1/2	2,970.42	1/2	3,329.26
3/4	122.81	3/4	477.77	3/4	829.78	3/4	1,187.56	3/4	1,542.51	3/4	1,901.36	3/4	2,260.21	3/4	2,619.05	3/4	2,977.90	3/4	3,336.74
4	129.59	4	485.02	4	837.25	4	1,195.03	4	1,549.98	4	1,908.84	4	2,267.69	4	2,626.53	4	2,985.37	4	3,344.22
1/4	136.38	1/4	492.27	1/4	844.73	1/4	1,202.49	1/4	1,557.46	1/4	1,916.31	1/4	2,275.16	1/4	2,634.01	1/4	2,992.85	1/4	3,351.69
1/2	143.16	1/2	499.51	1/2	852.21	1/2	1,209.95	1/2	1,564.94	1/2	1,923.79	1/2	2,282.64	1/2	2,641.48	1/2	3,000.33	1/2	3,359.17
3/4	150.38	3/4	506.33	3/4	859.68	3/4	1,217.43	3/4	1,572.41	3/4	1,931.27	3/4	2,290.11	3/4	2,648.96	3/4	3,007.80	3/4	3,366.64
5	157.61	5	513.14	5	867.16	5	1,224.91	5	1,579.89	5	1,938.74	5	2,297.59	5	2,656.43	5	3,015.28	5	3,374.12
1/4	164.83	1/4	519.96	1/4	874.64	1/4	1,232.38	1/4	1,587.36	1/4	1,946.22	1/4	2,305.07	1/4	2,663.91	1/4	3,022.75	1/4	3,381.60
1/2	172.05	1/2	526.77	1/2	882.11	1/2	1,239.86	1/2	1,594.84	1/2	1,953.69	1/2	2,312.54	1/2	2,671.39	1/2	3,030.23	1/2	3,389.07
3/4	179.50	3/4	533.58	3/4	889.58	3/4	1,247.34	3/4	1,602.32	3/4	1,961.17	3/4	2,320.02	3/4	2,678.86	3/4	3,037.70	3/4	3,396.55
6	186.94	6	540.40	6	897.04	6	1,254.81	6	1,609.79	6	1,968.65	6	2,327.49	6	2,686.34	6	3,045.18	6	3,404.02
1/4	194.39	1/4	547.21	1/4	904.50	1/4	1,262.29	1/4	1,617.27	1/4	1,976.12	1/4	2,334.97	1/4	2,693.81	1/4	3,052.66	1/4	3,411.50
1/2	201.83	1/2	554.02	1/2	911.97	1/2	1,269.77	1/2	1,624.74	1/2	1,983.60	1/2	2,342.45	1/2	2,701.29	1/2	3,060.13	1/2	3,418.98
3/4	209.28	3/4	561.28	3/4	919.42	3/4	1,277.25	3/4	1,632.22	3/4	1,991.07	3/4	2,349.92	3/4	2,708.77	3/4	3,067.61	3/4	3,426.45
7	216.74	7	568.54	7	926.87	7	1,284.72	7	1,639.70	7	1,998.55	7	2,357.40	7	2,716.24	7	3,075.08	7	3,433.93
1/4	224.19	1/4	575.79	1/4	934.32	1/4	1,292.20	1/4	1,647.17	1/4	2,006.03	1/4	2,364.87	1/4	2,723.72	1/4	3,082.56	1/4	3,441.40
1/2	231.64	1/2	583.05	1/2	941.77	1/2	1,299.68	1/2	1,654.65	1/2	2,013.51	1/2	2,372.35	1/2	2,731.19	1/2	3,090.04	1/2	3,448.88
3/4	239.11	3/4	590.52	3/4	949.21	3/4	1,307.15	3/4	1,662.13	3/4	2,020.98	3/4	2,379.83	3/4	2,738.67	3/4	3,097.51	3/4	3,456.36
8	246.58	8	598.00	8	956.66	8	1,314.63	8	1,669.60	8	2,028.46	8	2,387.30	8	2,746.14	8	3,104.99	8	3,463.83
1/4	254.05	1/4	605.48	1/4	964.11	1/4	1,322.11	1/4	1,677.08	1/4	2,035.93	1/4	2,394.78	1/4	2,753.62	1/4	3,112.46	1/4	3,471.31
1/2	261.52	1/2	612.95	1/2	971.56	1/2	1,329.58	1/2	1,684.55	1/2	2,043.41	1/2	2,402.25	1/2	2,761.10	1/2	3,119.94	1/2	3,478.78
3/4	268.99	3/4	620.43	3/4	979.00	3/4	1,336.98	3/4	1,692.03	3/4	2,050.89	3/4	2,409.73	3/4	2,768.57	3/4	3,127.42	3/4	3,486.26
9	276.47	9	627.91	9	986.45	9	1,344.37	9	1,699.51	9	2,058.36	9	2,417.21	9	2,776.05	9	3,134.89	9	3,493.73
1/4	283.94	1/4	635.39	1/4	993.90	1/4	1,351.77	1/4	1,706.98	1/4	2,065.84	1/4	2,424.68	1/4	2,783.52	1/4	3,142.37	1/4	3,501.21
1/2	291.42	1/2	642.86	1/2	1,001.35	1/2	1,359.17	1/2	1,714.46	1/2	2,073.31	1/2	2,432.16	1/2	2,791.00	1/2	3,149.84	1/2	3,508.69
3/4	298.90	3/4	650.34	3/4	1,008.79	3/4	1,366.48	3/4	1,721.93	3/4	2,080.79	3/4	2,439.63	3/4	2,798.48	3/4	3,157.32	3/4	3,516.16
10	306.37	10	657.82	10	1,016.24	10	1,373.80	10	1,729.41	10	2,088.27	10	2,447.11	10	2,805.95	10	3,164.80	10	3,523.64
1/4	313.85	1/4	665.29	1/4	1,023.69	1/4	1,381.11	1/4	1,736.89	1/4	2,095.74	1/4	2,454.58	1/4	2,813.43	1/4	3,172.27	1/4	3,531.11
1/2	321.32	1/2	672.77	1/2	1,031.14	1/2	1,388.42	1/2	1,744.36	1/2	2,103.22	1/2	2,462.06	1/2	2,820.90	1/2	3,179.75	1/2	3,538.59
3/4	328.80	3/4	680.25	3/4	1,038.58	3/4	1,395.74	3/4	1,751.84	3/4	2,110.69	3/4	2,469.54	3/4	2,828.38	3/4	3,187.22	3/4	3,546.07
11	336.27	11	687.72	11	1,046.03	11	1,403.05	11	1,759.31	11	2,118.17	11	2,477.01	11	2,835.86	11	3,194.70	11	3,553.54
1/4	343.75	1/4	695.20	1/4	1,053.48	1/4	1,410.37	1/4	1,766.79	1/4	2,125.65	1/4	2,484.49	1/4	2,843.33	1/4	3,202.17	1/4	3,561.02
1/2	351.23	1/2	702.68	1/2	1,060.93	1/2	1,417.68	1/2	1,774.27	1/2	2,133.12	1/2	2,491.96	1/2	2,850.81	1/2	3,209.65	1/2	3,568.49
3/4	358.69	3/4	710.15	3/4	1,068.37	3/4	1,425.00	3/4	1,781.74	3/4	2,140.60	3/4	2,499.44	3/4	2,858.28	3/4	3,217.13	3/4	3,575.97

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
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BARGE "KIRBY 27790"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07"

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	3,583.45	0	3,940.79	0	4,281.25	0	4,597.13	0		0		0		0		0		0	
1/4	3,590.92	1/4	3,948.10	1/4	4,288.06	1/4	4,603.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,598.40	1/2	3,955.41	1/2	4,294.88	1/2	4,609.86	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,605.87	3/4	3,962.69	3/4	4,301.64	3/4	4,616.19	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,613.35	1	3,969.97	1	4,308.40	1	4,622.51	1		1		1		1		1		1	
1/4	3,620.82	1/4	3,977.25	1/4	4,315.16	1/4	4,628.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,628.30	1/2	3,984.52	1/2	4,321.92	1/2	4,635.17	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,635.78	3/4	3,991.77	3/4	4,328.65	3/4	4,641.74	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,643.25	2	3,999.01	2	4,335.37	2	4,648.32	2		2		2		2		2		2	
1/4	3,650.73	1/4	4,006.25	1/4	4,342.10	1/4	4,654.90	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,658.20	1/2	4,013.49	1/2	4,348.82	1/2	4,661.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,665.68	3/4	4,020.70	3/4	4,355.51	3/4	4,668.59	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,673.16	3	4,027.90	3	4,362.20	3	4,675.70	3		3		3		3		3		3	
1/4	3,680.63	1/4	4,035.11	1/4	4,368.89	1/4	4,682.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,688.11	1/2	4,042.31	1/2	4,375.57	1/2	4,689.94	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,695.58	3/4	4,049.48	3/4	4,382.23	3/4	4,697.33	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,703.06	4	4,056.65	4	4,388.88	4	4,704.72	4		4		4		4		4		4	
1/4	3,710.54	1/4	4,063.82	1/4	4,395.53	1/4	4,712.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,718.01	1/2	4,070.99	1/2	4,402.18	1/2	4,719.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,725.49	3/4	4,078.12	3/4	4,408.80	3/4	4,726.72	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,732.96	5	4,085.26	5	4,415.41	5	4,733.94	5		5		5		5		5		5	
1/4	3,740.44	1/4	4,092.39	1/4	4,422.03	1/4	4,741.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,747.92	1/2	4,099.52	1/2	4,428.65	1/2	4,748.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,755.39	3/4	4,106.62	3/4	4,435.23	3/4	4,754.81	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,762.87	6	4,113.72	6	4,441.81	6	4,761.25	6		6		6		6		6		6	
1/4	3,770.34	1/4	4,120.82	1/4	4,448.39	1/4	4,767.68	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,777.82	1/2	4,127.91	1/2	4,454.97	1/2	4,774.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,785.29	3/4	4,134.97	3/4	4,461.51	3/4	4,779.33	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,792.77	7	4,142.04	7	4,468.05	7	4,784.54	7		7		7		7		7		7	
1/4	3,800.24	1/4	4,149.10	1/4	4,474.60	1/4	4,789.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,807.72	1/2	4,156.16	1/2	4,481.14	1/2	4,794.96	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,815.17	3/4	4,163.18	3/4	4,487.65	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,822.62	8	4,170.21	8	4,494.16	8		8		8		8		8		8		8	
1/4	3,830.08	1/4	4,177.23	1/4	4,500.67	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,837.53	1/2	4,184.26	1/2	4,507.17	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,844.95	3/4	4,191.25	3/4	4,513.65	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,852.37	9	4,198.24	9	4,520.12	9		9		9		9		9		9		9	
1/4	3,859.80	1/4	4,205.23	1/4	4,526.59	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,867.22	1/2	4,212.22	1/2	4,533.06	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,874.60	3/4	4,219.17	3/4	4,539.50	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,881.99	10	4,226.12	10	4,545.93	10		10		10		10		10		10		10	
1/4	3,889.38	1/4	4,233.08	1/4	4,552.37	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,896.76	1/2	4,240.03	1/2	4,558.80	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,904.11	3/4	4,246.92	3/4	4,565.20	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,911.46	11	4,253.82	11	4,571.60	11		11		11		11		11		11		11	
1/4	3,918.81	1/4	4,260.72	1/4	4,578.00	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,926.16	1/2	4,267.61	1/2	4,584.40	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,933.47	3/4	4,274.43	3/4	4,590.77	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/13/2014 CL
RECALCULATED: 12/20/2019 PMA
REPRINTED: 12/20/2019 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2019

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



BARGE "KIRBY 27790"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 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	46.23	0	318.64	0	664.57	0	1,009.74	0	1,359.20	0	1,713.58	0	2,069.49	0	2,425.39	0	2,781.29	0	3,137.24
1/4	46.74	1/4	326.03	1/4	671.78	1/4	1,016.92	1/4	1,366.45	1/4	1,721.00	1/4	2,076.90	1/4	2,432.80	1/4	2,788.70	1/4	3,144.67
1/2	47.25	1/2	333.42	1/2	678.99	1/2	1,024.10	1/2	1,373.71	1/2	1,728.41	1/2	2,084.32	1/2	2,440.22	1/2	2,796.12	1/2	3,152.11
3/4	48.60	3/4	340.81	3/4	686.20	3/4	1,031.27	3/4	1,380.94	3/4	1,735.83	3/4	2,091.73	3/4	2,447.63	3/4	2,803.53	3/4	3,159.55
1	49.95	1	348.20	1	693.41	1	1,038.45	1	1,388.17	1	1,743.24	1	2,099.15	1	2,455.05	1	2,810.95	1	3,166.99
1/4	51.30	1/4	355.59	1/4	700.62	1/4	1,045.63	1/4	1,395.40	1/4	1,750.66	1/4	2,106.56	1/4	2,462.46	1/4	2,818.36	1/4	3,174.42
1/2	52.65	1/2	362.98	1/2	707.83	1/2	1,052.81	1/2	1,402.63	1/2	1,758.07	1/2	2,113.98	1/2	2,469.88	1/2	2,825.78	1/2	3,181.86
3/4	54.82	3/4	370.38	3/4	715.04	3/4	1,059.99	3/4	1,410.02	3/4	1,765.49	3/4	2,121.39	3/4	2,477.29	3/4	2,833.19	3/4	3,189.30
2	57.00	2	377.79	2	722.24	2	1,067.17	2	1,417.41	2	1,772.90	2	2,128.81	2	2,484.71	2	2,840.61	2	3,196.73
1/4	59.17	1/4	385.19	1/4	729.45	1/4	1,074.36	1/4	1,424.80	1/4	1,780.32	1/4	2,136.22	1/4	2,492.12	1/4	2,848.02	1/4	3,204.17
1/2	61.34	1/2	392.60	1/2	736.66	1/2	1,081.54	1/2	1,432.19	1/2	1,787.73	1/2	2,143.63	1/2	2,499.54	1/2	2,855.44	1/2	3,211.61
3/4	65.19	3/4	399.58	3/4	743.87	3/4	1,088.73	3/4	1,439.58	3/4	1,795.15	3/4	2,151.05	3/4	2,506.95	3/4	2,862.85	3/4	3,219.05
3	69.05	3	406.56	3	751.08	3	1,095.92	3	1,446.97	3	1,802.56	3	2,158.46	3	2,514.36	3	2,870.27	3	3,226.48
1/4	72.90	1/4	413.54	1/4	758.29	1/4	1,103.11	1/4	1,454.37	1/4	1,809.97	1/4	2,165.88	1/4	2,521.78	1/4	2,877.68	1/4	3,233.92
1/2	76.75	1/2	420.52	1/2	765.50	1/2	1,110.30	1/2	1,461.76	1/2	1,817.39	1/2	2,173.29	1/2	2,529.19	1/2	2,885.09	1/2	3,241.36
3/4	82.28	3/4	427.06	3/4	772.71	3/4	1,117.70	3/4	1,469.15	3/4	1,824.80	3/4	2,180.71	3/4	2,536.61	3/4	2,892.51	3/4	3,248.80
4	87.80	4	433.60	4	779.92	4	1,125.10	4	1,476.54	4	1,832.22	4	2,188.12	4	2,544.02	4	2,899.92	4	3,256.23
1/4	93.33	1/4	440.14	1/4	787.13	1/4	1,132.50	1/4	1,483.93	1/4	1,839.63	1/4	2,195.54	1/4	2,551.44	1/4	2,907.34	1/4	3,263.67
1/2	98.85	1/2	446.68	1/2	794.34	1/2	1,139.89	1/2	1,491.32	1/2	1,847.05	1/2	2,202.95	1/2	2,558.85	1/2	2,914.75	1/2	3,271.11
3/4	105.62	3/4	453.66	3/4	801.52	3/4	1,147.29	3/4	1,498.71	3/4	1,854.46	3/4	2,210.37	3/4	2,566.27	3/4	2,922.17	3/4	3,278.55
5	112.39	5	460.64	5	808.71	5	1,154.69	5	1,506.10	5	1,861.88	5	2,217.78	5	2,573.68	5	2,929.58	5	3,285.98
1/4	119.16	1/4	467.62	1/4	815.89	1/4	1,162.09	1/4	1,513.50	1/4	1,869.29	1/4	2,225.20	1/4	2,581.10	1/4	2,937.00	1/4	3,293.42
1/2	125.93	1/2	474.60	1/2	823.08	1/2	1,169.49	1/2	1,520.89	1/2	1,876.71	1/2	2,232.61	1/2	2,588.51	1/2	2,944.41	1/2	3,300.86
3/4	133.34	3/4	482.02	3/4	830.26	3/4	1,176.89	3/4	1,528.28	3/4	1,884.12	3/4	2,240.02	3/4	2,595.93	3/4	2,951.83	3/4	3,308.85
6	140.74	6	489.44	6	837.44	6	1,184.29	6	1,535.67	6	1,891.54	6	2,247.44	6	2,603.34	6	2,959.24	6	3,308.84
1/4	148.14	1/4	496.86	1/4	844.62	1/4	1,191.69	1/4	1,543.06	1/4	1,898.95	1/4	2,254.85	1/4	2,610.75	1/4	2,966.66	1/4	3,312.83
1/2	155.55	1/2	504.28	1/2	851.80	1/2	1,199.09	1/2	1,550.45	1/2	1,906.37	1/2	2,262.27	1/2	2,618.17	1/2	2,974.07	1/2	3,316.82
3/4	162.97	3/4	511.70	3/4	858.98	3/4	1,206.49	3/4	1,557.87	3/4	1,913.78	3/4	2,269.68	3/4	2,625.58	3/4	2,981.48	3/4	3,320.81
7	170.39	7	519.12	7	866.16	7	1,213.89	7	1,565.28	7	1,921.20	7	2,277.10	7	2,633.00	7	2,988.90	7	3,324.80
1/4	177.80	1/4	526.54	1/4	873.34	1/4	1,221.29	1/4	1,572.70	1/4	1,928.61	1/4	2,284.51	1/4	2,640.41	1/4	2,996.31	1/4	3,328.79
1/2	185.22	1/2	533.96	1/2	880.52	1/2	1,228.69	1/2	1,580.11	1/2	1,936.03	1/2	2,291.93	1/2	2,647.83	1/2	3,003.73	1/2	3,332.78
3/4	192.64	3/4	541.38	3/4	887.70	3/4	1,235.93	3/4	1,587.53	3/4	1,943.44	3/4	2,299.34	3/4	2,655.24	3/4	3,011.14	3/4	3,336.77
8	200.06	8	548.80	8	894.88	8	1,243.16	8	1,594.94	8	1,950.85	8	2,306.76	8	2,662.66	8	3,018.56	8	3,340.76
1/4	207.48	1/4	556.22	1/4	902.06	1/4	1,250.40	1/4	1,602.36	1/4	1,958.27	1/4	2,314.17	1/4	2,670.07	1/4	3,025.97	1/4	3,344.75
1/2	214.90	1/2	563.64	1/2	909.24	1/2	1,257.64	1/2	1,609.77	1/2	1,965.68	1/2	2,321.58	1/2	2,677.49	1/2	3,033.39	1/2	3,348.74
3/4	222.32	3/4	570.85	3/4	916.42	3/4	1,264.90	3/4	1,617.19	3/4	1,973.10	3/4	2,329.00	3/4	2,684.90	3/4	3,040.80	3/4	3,352.73
9	229.73	9	578.06	9	923.60	9	1,272.15	9	1,624.60	9	1,980.51	9	2,336.41	9	2,692.31	9	3,048.22	9	3,356.72
1/4	237.15	1/4	585.27	1/4	930.78	1/4	1,279.40	1/4	1,632.02	1/4	1,987.93	1/4	2,343.83	1/4	2,699.73	1/4	3,055.63	1/4	3,360.71
1/2	244.57	1/2	592.48	1/2	937.96	1/2	1,286.66	1/2	1,639.43	1/2	1,995.34	1/2	2,351.24	1/2	2,707.14	1/2	3,063.04	1/2	3,364.70
3/4	251.99	3/4	599.69	3/4	945.14	3/4	1,293.91	3/4	1,646.85	3/4	2,002.76	3/4	2,358.66	3/4	2,714.56	3/4	3,070.46	3/4	3,368.69
10	259.41	10	606.90	10	952.31	10	1,301.17	10	1,654.26	10	2,010.17	10	2,366.07	10	2,721.97	10	3,077.87	10	3,372.68
1/4	266.83	1/4	614.11	1/4	959.49	1/4	1,308.42	1/4	1,661.68	1/4	2,017.59	1/4	2,373.49	1/4	2,729.39	1/4	3,085.29	1/4	3,376.67
1/2	274.24	1/2	621.31	1/2	966.67	1/2	1,315.67	1/2	1,669.09	1/2	2,025.00	1/2	2,380.90	1/2	2,736.80	1/2	3,092.70	1/2	3,380.66
3/4	281.65	3/4	628.52	3/4	973.85	3/4	1,322.93	3/4	1,676.51	3/4	2,032.42	3/4	2,388.32	3/4	2,744.22	3/4	3,100.12	3/4	3,384.65
11	289.05	11	635.73	11	981.03	11	1,330.18	11	1,683.92	11	2,039.83	11	2,395.73	11	2,751.63	11	3,107.53	11	3,388.64
1/4	296.46	1/4	642.94	1/4	988.20	1/4	1,337.44	1/4	1,691.34	1/4	2,047.24	1/4	2,403.15	1/4	2,759.05	1/4	3,114.95	1/4	3,392.63
1/2	303.86	1/2	650.15	1/2	995.38	1/2	1,344.69	1/2	1,698.75	1/2	2,054.66	1/2	2,410.56	1/2	2,766.46	1/2	3,122.36	1/2	3,396.62
3/4	311.25	3/4	657.36	3/4	1,002.56	3/4	1,351.94	3/4	1,706.17	3/4	2,062.07	3/4	2,417.97	3/4	2,773.88	3/4	3,129.80	3/4	3,400.61

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'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 27790"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 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	3,404.60	0	3,594.72	0	3,774.50	0	3,939.82	0		0		0		0		0		0	
1/4	3,408.59	1/4	3,598.60	1/4	3,778.06	1/4	3,943.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,412.58	1/2	3,602.47	1/2	3,781.62	1/2	3,946.48	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,416.57	3/4	3,606.33	3/4	3,785.16	3/4	3,950.09	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,420.56	1	3,610.18	1	3,788.70	1	3,953.70	1		1		1		1		1		1	
1/4	3,424.55	1/4	3,614.04	1/4	3,792.24	1/4	3,957.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,428.54	1/2	3,617.89	1/2	3,795.78	1/2	3,960.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,432.53	3/4	3,621.73	3/4	3,799.30	3/4	3,964.83	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,436.52	2	3,625.57	2	3,802.82	2	3,968.74	2		2		2		2		2		2	
1/4	3,440.51	1/4	3,629.40	1/4	3,806.34	1/4	3,972.64	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,444.50	1/2	3,633.24	1/2	3,809.86	1/2	3,976.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,448.49	3/4	3,637.06	3/4	3,813.36	3/4	3,980.45	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,452.48	3	3,640.87	3	3,816.87	3	3,984.36	3		3		3		3		3		3	
1/4	3,456.47	1/4	3,644.69	1/4	3,820.37	1/4	3,988.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,460.46	1/2	3,648.51	1/2	3,823.87	1/2	3,992.17	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,464.46	3/4	3,652.31	3/4	3,827.35	3/4	3,995.73	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,468.45	4	3,656.10	4	3,830.83	4	3,999.29	4		4		4		4		4		4	
1/4	3,472.44	1/4	3,659.90	1/4	3,834.32	1/4	4,002.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,476.43	1/2	3,663.70	1/2	3,837.80	1/2	4,006.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,480.42	3/4	3,667.48	3/4	3,841.26	3/4	4,008.75	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,484.41	5	3,671.26	5	3,844.73	5	4,011.11	5		5		5		5		5		5	
1/4	3,488.40	1/4	3,675.03	1/4	3,848.19	1/4	4,013.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,492.39	1/2	3,678.81	1/2	3,851.65	1/2	4,015.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,496.37	3/4	3,682.57	3/4	3,855.10	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,500.36	6	3,686.33	6	3,858.54	6		6		6		6		6		6		6	
1/4	3,504.34	1/4	3,690.09	1/4	3,861.99	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,508.32	1/2	3,693.85	1/2	3,865.43	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,512.30	3/4	3,697.59	3/4	3,868.86	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,516.27	7	3,701.33	7	3,872.28	7		7		7		7		7		7		7	
1/4	3,520.24	1/4	3,705.07	1/4	3,875.71	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,524.21	1/2	3,708.81	1/2	3,879.13	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,528.16	3/4	3,712.53	3/4	3,882.54	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,532.11	8	3,716.25	8	3,885.94	8		8		8		8		8		8		8	
1/4	3,536.06	1/4	3,719.97	1/4	3,889.35	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,540.01	1/2	3,723.69	1/2	3,892.75	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,543.95	3/4	3,727.40	3/4	3,896.14	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,547.88	9	3,731.10	9	3,899.53	9		9		9		9		9		9		9	
1/4	3,551.81	1/4	3,734.80	1/4	3,902.91	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,555.74	1/2	3,738.50	1/2	3,906.30	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,559.66	3/4	3,742.14	3/4	3,909.67	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,563.57	10	3,745.78	10	3,913.03	10		10		10		10		10		10		10	
1/4	3,567.48	1/4	3,749.42	1/4	3,916.40	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,571.40	1/2	3,753.06	1/2	3,919.77	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,575.29	3/4	3,756.64	3/4	3,923.12	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,579.19	11	3,760.22	11	3,926.46	11		11		11		11		11		11		11	
1/4	3,583.08	1/4	3,763.80	1/4	3,929.81	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,586.97	1/2	3,767.38	1/2	3,933.16	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,590.85	3/4	3,770.94	3/4	3,936.49	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/13/2014 CL
RECALCULATED: 12/20/2019
REPRINTED: 12/20/2019 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2019

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



BARGE "KIRBY 27790"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	46.32	0	319.89	0	669.97	0	1,026.47	0	1,380.64	0	1,737.00	0	2,094.32	0	2,451.64	0	2,808.97	0	3,166.29
1/4	46.85	1/4	327.30	1/4	677.41	1/4	1,033.89	1/4	1,387.92	1/4	1,744.44	1/4	2,101.77	1/4	2,459.09	1/4	2,816.41	1/4	3,173.73
1/2	47.38	1/2	334.72	1/2	684.86	1/2	1,041.30	1/2	1,395.20	1/2	1,751.89	1/2	2,109.21	1/2	2,466.53	1/2	2,823.85	1/2	3,181.18
3/4	48.75	3/4	342.13	3/4	692.30	3/4	1,048.72	3/4	1,402.48	3/4	1,759.33	3/4	2,116.66	3/4	2,473.98	3/4	2,831.30	3/4	3,188.62
1	50.12	1	349.55	1	699.75	1	1,056.13	1	1,409.77	1	1,766.77	1	2,124.10	1	2,481.42	1	2,838.74	1	3,196.06
1/4	51.49	1/4	356.96	1/4	707.19	1/4	1,063.55	1/4	1,417.05	1/4	1,774.22	1/4	2,131.54	1/4	2,488.87	1/4	2,846.19	1/4	3,203.51
1/2	52.86	1/2	364.38	1/2	714.64	1/2	1,070.97	1/2	1,424.33	1/2	1,781.66	1/2	2,138.99	1/2	2,496.31	1/2	2,853.63	1/2	3,210.95
3/4	55.05	3/4	371.81	3/4	722.08	3/4	1,078.39	3/4	1,431.78	3/4	1,789.11	3/4	2,146.43	3/4	2,503.75	3/4	2,861.08	3/4	3,218.40
2	57.25	2	379.24	2	729.53	2	1,085.81	2	1,439.22	2	1,796.55	2	2,153.88	2	2,511.20	2	2,868.52	2	3,225.84
1/4	59.44	1/4	386.67	1/4	736.97	1/4	1,093.23	1/4	1,446.67	1/4	1,804.00	1/4	2,161.32	1/4	2,518.64	1/4	2,875.96	1/4	3,233.29
1/2	61.64	1/2	394.10	1/2	744.42	1/2	1,100.65	1/2	1,454.11	1/2	1,811.44	1/2	2,168.77	1/2	2,526.09	1/2	2,883.41	1/2	3,240.73
3/4	65.51	3/4	401.10	3/4	751.86	3/4	1,108.09	3/4	1,461.55	3/4	1,818.89	3/4	2,176.21	3/4	2,533.53	3/4	2,890.85	3/4	3,248.17
3	69.39	3	408.11	3	759.31	3	1,115.54	3	1,469.00	3	1,826.33	3	2,183.65	3	2,540.98	3	2,898.30	3	3,255.62
1/4	73.26	1/4	415.11	1/4	766.75	1/4	1,122.98	1/4	1,476.44	1/4	1,833.77	1/4	2,191.10	1/4	2,548.42	1/4	2,905.74	1/4	3,263.06
1/2	77.14	1/2	422.12	1/2	774.20	1/2	1,130.43	1/2	1,483.89	1/2	1,841.22	1/2	2,198.54	1/2	2,555.86	1/2	2,913.18	1/2	3,270.51
3/4	82.69	3/4	428.68	3/4	781.64	3/4	1,137.87	3/4	1,491.33	3/4	1,848.66	3/4	2,205.99	3/4	2,563.31	3/4	2,920.63	3/4	3,277.95
4	88.24	4	435.25	4	789.08	4	1,145.32	4	1,498.78	4	1,856.11	4	2,213.43	4	2,570.75	4	2,928.07	4	3,285.39
1/4	93.79	1/4	441.81	1/4	796.53	1/4	1,152.76	1/4	1,506.22	1/4	1,863.55	1/4	2,220.87	1/4	2,578.20	1/4	2,935.52	1/4	3,292.84
1/2	99.34	1/2	448.38	1/2	803.97	1/2	1,160.21	1/2	1,513.67	1/2	1,871.00	1/2	2,228.32	1/2	2,585.64	1/2	2,942.96	1/2	3,300.28
3/4	106.13	3/4	455.39	3/4	811.39	3/4	1,167.65	3/4	1,521.11	3/4	1,878.44	3/4	2,235.76	3/4	2,593.08	3/4	2,950.41	3/4	3,307.73
5	112.93	5	462.39	5	818.82	5	1,175.10	5	1,528.55	5	1,885.89	5	2,243.21	5	2,600.53	5	2,957.85	5	3,315.17
1/4	119.72	1/4	469.40	1/4	826.24	1/4	1,182.54	1/4	1,536.00	1/4	1,893.33	1/4	2,250.65	1/4	2,607.97	1/4	2,965.29	1/4	3,322.62
1/2	126.52	1/2	476.40	1/2	833.66	1/2	1,189.99	1/2	1,543.44	1/2	1,900.77	1/2	2,258.10	1/2	2,615.42	1/2	2,972.74	1/2	3,330.06
3/4	133.95	3/4	483.85	3/4	841.07	3/4	1,197.43	3/4	1,550.89	3/4	1,908.22	3/4	2,265.54	3/4	2,622.86	3/4	2,980.18	3/4	3,334.06
6	141.37	6	491.29	6	848.49	6	1,204.88	6	1,558.33	6	1,915.66	6	2,272.98	6	2,630.31	6	2,987.63	6	3,338.05
1/4	148.80	1/4	498.74	1/4	855.90	1/4	1,212.32	1/4	1,565.78	1/4	1,923.11	1/4	2,280.43	1/4	2,637.75	1/4	2,995.07	1/4	3,342.05
1/2	156.23	1/2	506.18	1/2	863.32	1/2	1,219.77	1/2	1,573.22	1/2	1,930.55	1/2	2,287.87	1/2	2,645.19	1/2	3,002.52	1/2	3,346.04
3/4	163.68	3/4	513.63	3/4	870.74	3/4	1,227.21	3/4	1,580.66	3/4	1,937.99	3/4	2,295.32	3/4	2,652.64	3/4	3,009.96	3/4	3,350.04
7	171.12	7	521.07	7	878.15	7	1,234.66	7	1,588.11	7	1,945.44	7	2,302.76	7	2,660.08	7	3,017.40	7	3,354.03
1/4	178.57	1/4	528.52	1/4	885.57	1/4	1,242.10	1/4	1,595.55	1/4	1,952.88	1/4	2,310.20	1/4	2,667.53	1/4	3,024.85	1/4	3,358.03
1/2	186.01	1/2	535.96	1/2	892.98	1/2	1,249.55	1/2	1,603.00	1/2	1,960.33	1/2	2,317.65	1/2	2,674.97	1/2	3,032.29	1/2	3,362.02
3/4	193.45	3/4	543.41	3/4	900.40	3/4	1,256.83	3/4	1,610.44	3/4	1,967.77	3/4	2,325.09	3/4	2,682.41	3/4	3,039.74	3/4	3,366.02
8	200.90	8	550.85	8	907.82	8	1,264.11	8	1,617.89	8	1,975.22	8	2,332.54	8	2,689.86	8	3,047.18	8	3,370.01
1/4	208.34	1/4	558.30	1/4	915.23	1/4	1,271.40	1/4	1,625.33	1/4	1,982.66	1/4	2,339.98	1/4	2,697.30	1/4	3,054.62	1/4	3,374.01
1/2	215.79	1/2	565.74	1/2	922.65	1/2	1,278.68	1/2	1,632.78	1/2	1,990.10	1/2	2,347.43	1/2	2,704.75	1/2	3,062.07	1/2	3,378.00
3/4	223.23	3/4	573.19	3/4	930.06	3/4	1,285.96	3/4	1,640.22	3/4	1,997.55	3/4	2,354.87	3/4	2,712.19	3/4	3,069.51	3/4	3,382.00
9	230.67	9	580.63	9	937.48	9	1,293.25	9	1,647.66	9	2,004.99	9	2,362.31	9	2,719.64	9	3,076.96	9	3,385.99
1/4	238.12	1/4	588.08	1/4	944.89	1/4	1,300.53	1/4	1,655.11	1/4	2,012.44	1/4	2,369.76	1/4	2,727.08	1/4	3,084.40	1/4	3,389.99
1/2	245.56	1/2	595.52	1/2	952.31	1/2	1,307.81	1/2	1,662.55	1/2	2,019.88	1/2	2,377.20	1/2	2,734.52	1/2	3,091.85	1/2	3,393.98
3/4	253.01	3/4	602.97	3/4	959.73	3/4	1,315.09	3/4	1,670.00	3/4	2,027.33	3/4	2,384.65	3/4	2,741.97	3/4	3,099.29	3/4	3,397.98
10	260.45	10	610.41	10	967.14	10	1,322.38	10	1,677.44	10	2,034.77	10	2,392.09	10	2,749.41	10	3,106.73	10	3,401.97
1/4	267.89	1/4	617.86	1/4	974.56	1/4	1,329.66	1/4	1,684.89	1/4	2,042.21	1/4	2,399.54	1/4	2,756.86	1/4	3,114.18	1/4	3,405.97
1/2	275.34	1/2	625.30	1/2	981.97	1/2	1,336.94	1/2	1,692.33	1/2	2,049.66	1/2	2,406.98	1/2	2,764.30	1/2	3,121.62	1/2	3,409.96
3/4	282.77	3/4	632.75	3/4	989.39	3/4	1,344.22	3/4	1,699.78	3/4	2,057.10	3/4	2,414.42	3/4	2,771.75	3/4	3,129.07	3/4	3,413.96
11	290.20	11	640.19	11	996.81	11	1,351.51	11	1,707.22	11	2,064.55	11	2,421.87	11	2,779.19	11	3,136.51	11	3,417.95
1/4	297.63	1/4	647.64	1/4	1,004.22	1/4	1,358.79	1/4	1,714.66	1/4	2,071.99	1/4	2,429.31	1/4	2,786.63	1/4	3,143.96	1/4	3,421.95
1/2	305.06	1/2	655.08	1/2	1,011.64	1/2	1,366.07	1/2	1,722.11	1/2	2,079.43	1/2	2,436.76	1/2	2,794.08	1/2	3,151.40	1/2	3,425.94
3/4	312.47	3/4	662.52	3/4	1,019.05	3/4	1,373.35	3/4	1,729.55	3/4	2,086.88	3/4	2,444.20	3/4	2,801.52	3/4	3,158.84	3/4	3,429.94

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'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "KIRBY 27790"

3 STBD 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	3,433.93	0	3,624.28	0	3,804.28	0	3,969.81	0		0		0		0		0		0	
1/4	3,437.93	1/4	3,628.16	1/4	3,807.84	1/4	3,973.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,441.92	1/2	3,632.04	1/2	3,811.40	1/2	3,976.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,445.92	3/4	3,635.90	3/4	3,814.95	3/4	3,980.09	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,449.91	1	3,639.76	1	3,818.49	1	3,983.71	1		1		1		1		1		1	
1/4	3,453.91	1/4	3,643.62	1/4	3,822.04	1/4	3,987.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,457.90	1/2	3,647.48	1/2	3,825.58	1/2	3,990.94	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,461.90	3/4	3,651.32	3/4	3,829.11	3/4	3,994.85	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,465.89	2	3,655.17	2	3,832.63	2	3,998.76	2		2		2		2		2		2	
1/4	3,469.89	1/4	3,659.01	1/4	3,836.16	1/4	4,002.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,473.88	1/2	3,662.85	1/2	3,839.69	1/2	4,006.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,477.88	3/4	3,666.67	3/4	3,843.19	3/4	4,010.49	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,481.87	3	3,670.49	3	3,846.70	3	4,014.40	3		3		3		3		3		3	
1/4	3,485.87	1/4	3,674.31	1/4	3,850.20	1/4	4,018.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,489.86	1/2	3,678.13	1/2	3,853.71	1/2	4,022.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,493.86	3/4	3,681.94	3/4	3,857.20	3/4	4,025.78	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,497.85	4	3,685.74	4	3,860.68	4	4,029.35	4		4		4		4		4		4	
1/4	3,501.85	1/4	3,689.54	1/4	3,864.17	1/4	4,032.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,505.84	1/2	3,693.34	1/2	3,867.66	1/2	4,036.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,509.84	3/4	3,697.13	3/4	3,871.13	3/4	4,038.83	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,513.83	5	3,700.91	5	3,874.59	5	4,041.19	5		5		5		5		5		5	
1/4	3,517.83	1/4	3,704.69	1/4	3,878.06	1/4	4,043.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,521.82	1/2	3,708.48	1/2	3,881.53	1/2	4,045.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,525.81	3/4	3,712.24	3/4	3,884.98	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,529.80	6	3,716.00	6	3,888.43	6		6		6		6		6		6		6	
1/4	3,533.79	1/4	3,719.77	1/4	3,891.87	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,537.78	1/2	3,723.53	1/2	3,895.32	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,541.76	3/4	3,727.28	3/4	3,898.75	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,545.73	7	3,731.02	7	3,902.18	7		7		7		7		7		7		7	
1/4	3,549.71	1/4	3,734.77	1/4	3,905.61	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,553.69	1/2	3,738.51	1/2	3,909.04	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,557.64	3/4	3,742.24	3/4	3,912.45	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,561.60	8	3,745.96	8	3,915.86	8		8		8		8		8		8		8	
1/4	3,565.55	1/4	3,749.69	1/4	3,919.27	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,569.51	1/2	3,753.41	1/2	3,922.68	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,573.45	3/4	3,757.12	3/4	3,926.07	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,577.39	9	3,760.82	9	3,929.46	9		9		9		9		9		9		9	
1/4	3,581.32	1/4	3,764.53	1/4	3,932.85	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,585.26	1/2	3,768.24	1/2	3,936.24	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,589.18	3/4	3,771.88	3/4	3,939.62	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,593.10	10	3,775.53	10	3,942.99	10		10		10		10		10		10		10	
1/4	3,597.01	1/4	3,779.17	1/4	3,946.36	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,600.93	1/2	3,782.82	1/2	3,949.73	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,604.83	3/4	3,786.40	3/4	3,953.08	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,608.73	11	3,789.98	11	3,956.43	11		11		11		11		11		11		11	
1/4	3,612.63	1/4	3,793.56	1/4	3,959.79	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,616.53	1/2	3,797.15	1/2	3,963.14	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,620.41	3/4	3,800.71	3/4	3,966.47	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/13/2014 CL
RECALCULATED: 12/20/2019 PMA
REPRINTED: 12/20/2019 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "KIRBY 27790"

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	2,309	0	4,618	0	6,927	0	9,236	0	11,545	0	13,854	0		0		0	
1/4	48	1/4	2,357	1/4	4,666	1/4	6,975	1/4	9,284	1/4	11,593	1/4	13,902	1/4		1/4		1/4	
1/2	96	1/2	2,405	1/2	4,714	1/2	7,023	1/2	9,332	1/2	11,641	1/2	13,950	1/2		1/2		1/2	
3/4	144	3/4	2,453	3/4	4,762	3/4	7,071	3/4	9,380	3/4	11,689	3/4	13,998	3/4		3/4		3/4	
1	192	1	2,501	1	4,810	1	7,119	1	9,428	1	11,737	1	14,046	1		1		1	
1/4	241	1/4	2,550	1/4	4,858	1/4	7,167	1/4	9,476	1/4	11,785	1/4	14,094	1/4		1/4		1/4	
1/2	289	1/2	2,598	1/2	4,907	1/2	7,215	1/2	9,524	1/2	11,833	1/2	14,142	1/2		1/2		1/2	
3/4	337	3/4	2,646	3/4	4,955	3/4	7,264	3/4	9,572	3/4	11,881	3/4	14,190	3/4		3/4		3/4	
2	385	2	2,694	2	5,003	2	7,312	2	9,621	2	11,929	2	14,238	2		2		2	
1/4	433	1/4	2,742	1/4	5,051	1/4	7,360	1/4	9,669	1/4	11,978	1/4	14,286	1/4		1/4		1/4	
1/2	481	1/2	2,790	1/2	5,099	1/2	7,408	1/2	9,717	1/2	12,026	1/2		1/2		1/2		1/2	
3/4	529	3/4	2,838	3/4	5,147	3/4	7,456	3/4	9,765	3/4	12,074	3/4		3/4		3/4		3/4	
3	577	3	2,886	3	5,195	3	7,504	3	9,813	3	12,122	3		3		3		3	
1/4	625	1/4	2,934	1/4	5,243	1/4	7,552	1/4	9,861	1/4	12,170	1/4		1/4		1/4		1/4	
1/2	674	1/2	2,982	1/2	5,291	1/2	7,600	1/2	9,909	1/2	12,218	1/2		1/2		1/2		1/2	
3/4	722	3/4	3,031	3/4	5,339	3/4	7,648	3/4	9,957	3/4	12,266	3/4		3/4		3/4		3/4	
4	770	4	3,079	4	5,388	4	7,696	4	10,005	4	12,314	4		4		4		4	
1/4	818	1/4	3,127	1/4	5,436	1/4	7,745	1/4	10,053	1/4	12,362	1/4		1/4		1/4		1/4	
1/2	866	1/2	3,175	1/2	5,484	1/2	7,793	1/2	10,102	1/2	12,410	1/2		1/2		1/2		1/2	
3/4	914	3/4	3,223	3/4	5,532	3/4	7,841	3/4	10,150	3/4	12,459	3/4		3/4		3/4		3/4	
5	962	5	3,271	5	5,580	5	7,889	5	10,198	5	12,507	5		5		5		5	
1/4	1,010	1/4	3,319	1/4	5,628	1/4	7,937	1/4	10,246	1/4	12,555	1/4		1/4		1/4		1/4	
1/2	1,058	1/2	3,367	1/2	5,676	1/2	7,985	1/2	10,294	1/2	12,603	1/2		1/2		1/2		1/2	
3/4	1,106	3/4	3,415	3/4	5,724	3/4	8,033	3/4	10,342	3/4	12,651	3/4		3/4		3/4		3/4	
6	1,155	6	3,463	6	5,772	6	8,081	6	10,390	6	12,699	6		6		6		6	
1/4	1,203	1/4	3,512	1/4	5,820	1/4	8,129	1/4	10,438	1/4	12,747	1/4		1/4		1/4		1/4	
1/2	1,251	1/2	3,560	1/2	5,869	1/2	8,177	1/2	10,486	1/2	12,795	1/2		1/2		1/2		1/2	
3/4	1,299	3/4	3,608	3/4	5,917	3/4	8,226	3/4	10,534	3/4	12,843	3/4		3/4		3/4		3/4	
7	1,347	7	3,656	7	5,965	7	8,274	7	10,583	7	12,891	7		7		7		7	
1/4	1,395	1/4	3,704	1/4	6,013	1/4	8,322	1/4	10,631	1/4	12,940	1/4		1/4		1/4		1/4	
1/2	1,443	1/2	3,752	1/2	6,061	1/2	8,370	1/2	10,679	1/2	12,988	1/2		1/2		1/2		1/2	
3/4	1,491	3/4	3,800	3/4	6,109	3/4	8,418	3/4	10,727	3/4	13,036	3/4		3/4		3/4		3/4	
8	1,539	8	3,848	8	6,157	8	8,466	8	10,775	8	13,084	8		8		8		8	
1/4	1,587	1/4	3,896	1/4	6,205	1/4	8,514	1/4	10,823	1/4	13,132	1/4		1/4		1/4		1/4	
1/2	1,636	1/2	3,944	1/2	6,253	1/2	8,562	1/2	10,871	1/2	13,180	1/2		1/2		1/2		1/2	
3/4	1,684	3/4	3,993	3/4	6,301	3/4	8,610	3/4	10,919	3/4	13,228	3/4		3/4		3/4		3/4	
9	1,732	9	4,041	9	6,350	9	8,658	9	10,967	9	13,276	9		9		9		9	
1/4	1,780	1/4	4,089	1/4	6,398	1/4	8,707	1/4	11,015	1/4	13,324	1/4		1/4		1/4		1/4	
1/2	1,828	1/2	4,137	1/2	6,446	1/2	8,755	1/2	11,064	1/2	13,372	1/2		1/2		1/2		1/2	
3/4	1,876	3/4	4,185	3/4	6,494	3/4	8,803	3/4	11,112	3/4	13,421	3/4		3/4		3/4		3/4	
10	1,924	10	4,233	10	6,542	10	8,851	10	11,160	10	13,469	10		10		10		10	
1/4	1,972	1/4	4,281	1/4	6,590	1/4	8,899	1/4	11,208	1/4	13,517	1/4		1/4		1/4		1/4	
1/2	2,020	1/2	4,329	1/2	6,638	1/2	8,947	1/2	11,256	1/2	13,565	1/2		1/2		1/2		1/2	
3/4	2,068	3/4	4,377	3/4	6,686	3/4	8,995	3/4	11,304	3/4	13,613	3/4		3/4		3/4		3/4	
11	2,117	11	4,426	11	6,734	11	9,043	11	11,352	11	13,661	11		11		11		11	
1/4	2,165	1/4	4,474	1/4	6,783	1/4	9,091	1/4	11,400	1/4	13,709	1/4		1/4		1/4		1/4	
1/2	2,213	1/2	4,522	1/2	6,831	1/2	9,140	1/2	11,448	1/2	13,757	1/2		1/2		1/2		1/2	
3/4	2,261	3/4	4,570	3/4	6,879	3/4	9,188	3/4	11,497	3/4	13,805	3/4		3/4		3/4		3/4	

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

STRAPPED: 12/20/2019 JS
CALCULATED: 12/20/2019
PRINTED: 12/20/2019

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2019

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