



BARGE "KIRBY 30719B"

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	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 00-7/8	00-7/8
1 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 00-7/8	00-7/8
2 PORT	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 01-0/8	01-0/8
2 STBD	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 01-0/8	01-0/8
3 PORT	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-0/8	01-0/8
3 STBD	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-0/8	01-0/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

LENGTH BETWEEN DRAFT MARKS: 285'-03"

February 5, 2020

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>

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



BARGE "KIRBY 30719B"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 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	19.67	0	391.16	0	778.49	0	1,172.40	0	1,566.38	0	1,961.58	0	2,356.99	0	2,752.39	0	3,147.79	0	3,543.19
1/4	25.07	1/4	399.38	1/4	786.73	1/4	1,180.58	1/4	1,574.59	1/4	1,969.82	1/4	2,365.22	1/4	2,760.62	1/4	3,156.02	1/4	3,551.42
1/2	30.48	1/2	407.61	1/2	794.97	1/2	1,188.76	1/2	1,582.80	1/2	1,978.06	1/2	2,373.46	1/2	2,768.86	1/2	3,164.26	1/2	3,559.66
3/4	35.88	3/4	415.83	3/4	803.20	3/4	1,196.94	3/4	1,591.01	3/4	1,986.29	3/4	2,381.70	3/4	2,777.10	3/4	3,172.50	3/4	3,567.90
1	41.29	1	424.05	1	811.44	1	1,205.12	1	1,599.22	1	1,994.53	1	2,389.94	1	2,785.34	1	3,180.74	1	3,576.14
1/4	48.55	1/4	432.26	1/4	819.68	1/4	1,213.30	1/4	1,607.43	1/4	2,002.77	1/4	2,398.17	1/4	2,793.57	1/4	3,188.97	1/4	3,584.37
1/2	55.80	1/2	440.46	1/2	827.92	1/2	1,221.48	1/2	1,615.64	1/2	2,011.01	1/2	2,406.41	1/2	2,801.81	1/2	3,197.21	1/2	3,592.61
3/4	63.06	3/4	448.67	3/4	836.16	3/4	1,229.66	3/4	1,623.86	3/4	2,019.24	3/4	2,414.65	3/4	2,810.05	3/4	3,205.45	3/4	3,600.85
2	70.32	2	456.88	2	844.39	2	1,237.84	2	1,632.07	2	2,027.48	2	2,422.89	2	2,818.29	2	3,213.69	2	3,609.09
1/4	77.92	1/4	465.09	1/4	852.63	1/4	1,246.02	1/4	1,640.31	1/4	2,035.72	1/4	2,431.12	1/4	2,826.52	1/4	3,221.92	1/4	3,617.32
1/2	85.51	1/2	473.30	1/2	860.87	1/2	1,254.20	1/2	1,648.55	1/2	2,043.96	1/2	2,439.36	1/2	2,834.76	1/2	3,230.16	1/2	3,625.56
3/4	93.11	3/4	481.51	3/4	869.11	3/4	1,262.38	3/4	1,656.78	3/4	2,052.19	3/4	2,447.60	3/4	2,843.00	3/4	3,238.40	3/4	3,633.80
3	100.70	3	489.72	3	877.35	3	1,270.56	3	1,665.02	3	2,060.43	3	2,455.84	3	2,851.24	3	3,246.64	3	3,642.04
1/4	107.98	1/4	497.89	1/4	885.58	1/4	1,278.75	1/4	1,673.26	1/4	2,068.67	1/4	2,464.07	1/4	2,859.47	1/4	3,254.87	1/4	3,650.27
1/2	115.25	1/2	506.05	1/2	893.82	1/2	1,286.93	1/2	1,681.50	1/2	2,076.91	1/2	2,472.31	1/2	2,867.71	1/2	3,263.11	1/2	3,658.51
3/4	122.52	3/4	514.22	3/4	902.06	3/4	1,295.12	3/4	1,689.74	3/4	2,085.15	3/4	2,480.55	3/4	2,875.95	3/4	3,271.35	3/4	3,666.75
4	129.79	4	522.38	4	910.30	4	1,303.31	4	1,697.97	4	2,093.38	4	2,488.79	4	2,884.19	4	3,279.59	4	3,674.99
1/4	137.56	1/4	530.07	1/4	918.53	1/4	1,311.52	1/4	1,706.21	1/4	2,101.62	1/4	2,497.02	1/4	2,892.42	1/4	3,287.82	1/4	3,683.22
1/2	145.33	1/2	537.77	1/2	926.77	1/2	1,319.73	1/2	1,714.45	1/2	2,109.86	1/2	2,505.26	1/2	2,900.66	1/2	3,296.06	1/2	3,691.46
3/4	153.10	3/4	545.46	3/4	935.00	3/4	1,327.95	3/4	1,722.69	3/4	2,118.10	3/4	2,513.50	3/4	2,908.90	3/4	3,304.30	3/4	3,699.70
5	160.87	5	553.15	5	943.24	5	1,336.16	5	1,730.92	5	2,126.33	5	2,521.74	5	2,917.14	5	3,312.54	5	3,707.94
1/4	169.06	1/4	560.48	1/4	951.44	1/4	1,344.40	1/4	1,739.16	1/4	2,134.57	1/4	2,529.97	1/4	2,925.37	1/4	3,320.77	1/4	3,716.17
1/2	177.26	1/2	567.81	1/2	959.65	1/2	1,352.64	1/2	1,747.40	1/2	2,142.81	1/2	2,538.21	1/2	2,933.61	1/2	3,329.01	1/2	3,724.41
3/4	185.45	3/4	575.14	3/4	967.85	3/4	1,360.87	3/4	1,755.64	3/4	2,151.05	3/4	2,546.45	3/4	2,941.85	3/4	3,337.25	3/4	3,732.65
6	193.65	6	582.47	6	976.06	6	1,369.11	6	1,763.87	6	2,159.28	6	2,554.69	6	2,950.09	6	3,345.49	6	3,740.89
1/4	201.85	1/4	590.28	1/4	984.24	1/4	1,377.35	1/4	1,772.11	1/4	2,167.52	1/4	2,562.92	1/4	2,958.32	1/4	3,353.72	1/4	3,749.12
1/2	210.06	1/2	598.10	1/2	992.43	1/2	1,385.59	1/2	1,780.35	1/2	2,175.76	1/2	2,571.16	1/2	2,966.56	1/2	3,361.96	1/2	3,757.36
3/4	218.27	3/4	605.91	3/4	1,000.61	3/4	1,393.83	3/4	1,788.59	3/4	2,184.00	3/4	2,579.40	3/4	2,974.80	3/4	3,370.20	3/4	3,765.60
7	226.47	7	613.72	7	1,008.79	7	1,402.07	7	1,796.83	7	2,192.24	7	2,587.64	7	2,983.04	7	3,378.44	7	3,773.84
1/4	234.70	1/4	621.96	1/4	1,016.97	1/4	1,410.30	1/4	1,805.06	1/4	2,200.47	1/4	2,595.87	1/4	2,991.27	1/4	3,386.67	1/4	3,782.07
1/2	242.92	1/2	630.20	1/2	1,025.15	1/2	1,418.54	1/2	1,813.30	1/2	2,208.71	1/2	2,604.11	1/2	2,999.51	1/2	3,394.91	1/2	3,790.31
3/4	251.15	3/4	638.44	3/4	1,033.33	3/4	1,426.77	3/4	1,821.54	3/4	2,216.95	3/4	2,612.35	3/4	3,007.75	3/4	3,403.15	3/4	3,798.55
8	259.37	8	646.68	8	1,041.51	8	1,435.01	8	1,829.78	8	2,225.19	8	2,620.59	8	3,015.99	8	3,411.39	8	3,806.79
1/4	267.61	1/4	654.92	1/4	1,049.69	1/4	1,443.22	1/4	1,838.01	1/4	2,233.42	1/4	2,628.82	1/4	3,024.22	1/4	3,419.62	1/4	3,815.02
1/2	275.85	1/2	663.15	1/2	1,057.87	1/2	1,451.43	1/2	1,846.25	1/2	2,241.66	1/2	2,637.06	1/2	3,032.46	1/2	3,427.86	1/2	3,823.26
3/4	284.09	3/4	671.39	3/4	1,066.05	3/4	1,459.64	3/4	1,854.49	3/4	2,249.90	3/4	2,645.30	3/4	3,040.70	3/4	3,436.10	3/4	3,831.50
9	292.32	9	679.63	9	1,074.23	9	1,467.85	9	1,862.73	9	2,258.14	9	2,653.54	9	3,048.94	9	3,444.34	9	3,839.74
1/4	300.56	1/4	687.87	1/4	1,082.41	1/4	1,476.06	1/4	1,870.96	1/4	2,266.37	1/4	2,661.77	1/4	3,057.17	1/4	3,452.57	1/4	3,847.97
1/2	308.80	1/2	696.11	1/2	1,090.60	1/2	1,484.27	1/2	1,879.20	1/2	2,274.61	1/2	2,670.01	1/2	3,065.41	1/2	3,460.81	1/2	3,856.21
3/4	317.04	3/4	704.35	3/4	1,098.78	3/4	1,492.48	3/4	1,887.44	3/4	2,282.85	3/4	2,678.25	3/4	3,073.65	3/4	3,469.05	3/4	3,864.45
10	325.27	10	712.59	10	1,106.96	10	1,500.69	10	1,895.68	10	2,291.09	10	2,686.49	10	3,081.89	10	3,477.29	10	3,872.69
1/4	333.51	1/4	720.82	1/4	1,115.14	1/4	1,508.90	1/4	1,903.92	1/4	2,299.32	1/4	2,694.72	1/4	3,090.12	1/4	3,485.52	1/4	3,880.92
1/2	341.75	1/2	729.06	1/2	1,123.32	1/2	1,517.11	1/2	1,912.15	1/2	2,307.56	1/2	2,702.96	1/2	3,098.36	1/2	3,493.76	1/2	3,889.16
3/4	349.99	3/4	737.30	3/4	1,131.50	3/4	1,525.32	3/4	1,920.39	3/4	2,315.80	3/4	2,711.20	3/4	3,106.60	3/4	3,502.00	3/4	3,897.40
11	358.22	11	745.54	11	1,139.68	11	1,533.54	11	1,928.63	11	2,324.04	11	2,719.44	11	3,114.84	11	3,510.24	11	3,905.64
1/4	366.46	1/4	753.78	1/4	1,147.86	1/4	1,541.75	1/4	1,936.87	1/4	2,332.27	1/4	2,727.67	1/4	3,123.07	1/4	3,518.47	1/4	3,913.87
1/2	374.69	1/2	762.01	1/2	1,156.04	1/2	1,549.96	1/2	1,945.10	1/2	2,340.51	1/2	2,735.91	1/2	3,131.31	1/2	3,526.71	1/2	3,922.11
3/4	382.93	3/4	770.25	3/4	1,164.22	3/4	1,558.17	3/4	1,953.34	3/4	2,348.75	3/4	2,744.15	3/4	3,139.55	3/4	3,534.95	3/4	3,930.35

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE.

GAUGE POINT: (2" STANDPIPE) LOCATED 12'-10" OFF CENTERLINE AND 51'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 30719B"

1 PORT 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	3,938.59	0	4,332.22	0	4,708.83	0	5,061.33	0		0		0		0		0		0	
1/4	3,946.82	1/4	4,340.27	1/4	4,716.37	1/4	5,068.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,955.06	1/2	4,348.31	1/2	4,723.91	1/2	5,075.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,963.30	3/4	4,356.36	3/4	4,731.44	3/4	5,083.07	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,971.54	1	4,364.40	1	4,738.98	1	5,090.32	1		1		1		1		1		1	
1/4	3,979.77	1/4	4,372.41	1/4	4,746.48	1/4	5,098.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,988.01	1/2	4,380.42	1/2	4,753.99	1/2	5,106.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,996.25	3/4	4,388.43	3/4	4,761.49	3/4	5,114.78	3/4		3/4		3/4		3/4		3/4		3/4	
2	4,004.49	2	4,396.44	2	4,768.99	2	5,122.93	2		2		2		2		2		2	
1/4	4,012.72	1/4	4,404.41	1/4	4,776.46	1/4	5,131.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,020.96	1/2	4,412.38	1/2	4,783.92	1/2	5,139.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,029.20	3/4	4,420.36	3/4	4,791.39	3/4	5,147.39	3/4		3/4		3/4		3/4		3/4		3/4	
3	4,037.44	3	4,428.33	3	4,798.86	3	5,155.54	3		3		3		3		3		3	
1/4	4,045.67	1/4	4,436.27	1/4	4,806.29	1/4	5,163.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,053.91	1/2	4,444.21	1/2	4,813.72	1/2	5,171.85	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,062.15	3/4	4,452.14	3/4	4,821.15	3/4	5,180.00	3/4		3/4		3/4		3/4		3/4		3/4	
4	4,070.39	4	4,460.08	4	4,828.58	4	5,188.16	4		4		4		4		4		4	
1/4	4,078.62	1/4	4,467.99	1/4	4,835.98	1/4	5,196.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,086.86	1/2	4,475.89	1/2	4,843.38	1/2	5,204.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,095.10	3/4	4,483.79	3/4	4,850.77	3/4	5,212.61	3/4		3/4		3/4		3/4		3/4		3/4	
5	4,103.34	5	4,491.70	5	4,858.17	5	5,220.77	5		5		5		5		5		5	
1/4	4,111.57	1/4	4,499.56	1/4	4,865.53	1/4	5,228.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,119.81	1/2	4,507.43	1/2	4,872.89	1/2	5,236.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,128.05	3/4	4,515.30	3/4	4,880.25	3/4	5,244.71	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,136.29	6	4,523.17	6	4,887.61	6	5,252.69	6		6		6		6		6		6	
1/4	4,144.52	1/4	4,531.00	1/4	4,894.94	1/4	5,259.30	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,152.76	1/2	4,538.83	1/2	4,902.27	1/2	5,265.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,161.00	3/4	4,546.67	3/4	4,909.59	3/4	5,272.52	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,169.23	7	4,554.50	7	4,916.92	7	5,279.13	7		7		7		7		7		7	
1/4	4,177.45	1/4	4,562.30	1/4	4,924.21	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,185.67	1/2	4,570.09	1/2	4,931.50	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,193.89	3/4	4,577.89	3/4	4,938.79	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	4,202.11	8	4,585.69	8	4,946.08	8		8		8		8		8		8		8	
1/4	4,210.30	1/4	4,593.45	1/4	4,953.34	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,218.48	1/2	4,601.22	1/2	4,960.59	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,226.67	3/4	4,608.98	3/4	4,967.85	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	4,234.85	9	4,616.74	9	4,975.10	9		9		9		9		9		9		9	
1/4	4,243.00	1/4	4,624.47	1/4	4,982.32	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,251.15	1/2	4,632.19	1/2	4,989.54	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,259.30	3/4	4,639.92	3/4	4,996.76	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	4,267.45	10	4,647.65	10	5,003.98	10		10		10		10		10		10		10	
1/4	4,275.56	1/4	4,655.34	1/4	5,011.17	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,283.68	1/2	4,663.02	1/2	5,018.36	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,291.79	3/4	4,670.71	3/4	5,025.54	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	4,299.91	11	4,678.40	11	5,032.73	11		11		11		11		11		11		11	
1/4	4,307.99	1/4	4,686.01	1/4	5,039.88	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,316.07	1/2	4,693.61	1/2	5,047.03	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,324.14	3/4	4,701.22	3/4	5,054.18	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/05/2005 PMA
RECOMPUTED: 02/05/2020 SW
REPRINTED: 02/05/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2020

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



BARGE "KIRBY 30719B"

1 STBD
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 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	19.67	0	391.25	0	778.66	0	1,173.48	0	1,568.12	0	1,963.41	0	2,358.90	0	2,754.39	0	3,149.87	0	3,545.36
1/4	25.08	1/4	399.47	1/4	786.90	1/4	1,181.69	1/4	1,576.33	1/4	1,971.64	1/4	2,367.14	1/4	2,762.63	1/4	3,158.11	1/4	3,553.60
1/2	30.48	1/2	407.70	1/2	795.14	1/2	1,189.90	1/2	1,584.54	1/2	1,979.88	1/2	2,375.38	1/2	2,770.86	1/2	3,166.35	1/2	3,561.84
3/4	35.89	3/4	415.92	3/4	803.38	3/4	1,198.12	3/4	1,592.75	3/4	1,988.12	3/4	2,383.62	3/4	2,779.10	3/4	3,174.59	3/4	3,570.08
1	41.30	1	424.14	1	811.62	1	1,206.33	1	1,600.96	1	1,996.36	1	2,391.86	1	2,787.34	1	3,182.83	1	3,578.32
1/4	48.56	1/4	432.35	1/4	819.86	1/4	1,214.54	1/4	1,609.18	1/4	2,004.60	1/4	2,400.10	1/4	2,795.58	1/4	3,191.07	1/4	3,586.56
1/2	55.82	1/2	440.56	1/2	828.10	1/2	1,222.75	1/2	1,617.39	1/2	2,012.84	1/2	2,408.34	1/2	2,803.82	1/2	3,199.31	1/2	3,594.79
3/4	63.08	3/4	448.77	3/4	836.34	3/4	1,230.96	3/4	1,625.61	3/4	2,021.08	3/4	2,416.58	3/4	2,812.06	3/4	3,207.55	3/4	3,603.03
2	70.34	2	456.98	2	844.58	2	1,239.17	2	1,633.83	2	2,029.32	2	2,424.81	2	2,820.30	2	3,215.79	2	3,611.27
1/4	77.93	1/4	465.19	1/4	852.82	1/4	1,247.38	1/4	1,642.06	1/4	2,037.56	1/4	2,433.05	1/4	2,828.54	1/4	3,224.03	1/4	3,619.51
1/2	85.53	1/2	473.41	1/2	861.06	1/2	1,255.59	1/2	1,650.30	1/2	2,045.80	1/2	2,441.29	1/2	2,836.78	1/2	3,232.27	1/2	3,627.75
3/4	93.13	3/4	481.62	3/4	869.30	3/4	1,263.80	3/4	1,658.54	3/4	2,054.04	3/4	2,449.53	3/4	2,845.02	3/4	3,240.51	3/4	3,635.99
3	100.72	3	489.83	3	877.54	3	1,272.02	3	1,666.78	3	2,062.28	3	2,457.77	3	2,853.26	3	3,248.74	3	3,644.23
1/4	108.00	1/4	498.00	1/4	885.78	1/4	1,280.23	1/4	1,675.02	1/4	2,070.52	1/4	2,466.01	1/4	2,861.50	1/4	3,256.98	1/4	3,652.47
1/2	115.27	1/2	506.16	1/2	894.02	1/2	1,288.45	1/2	1,683.26	1/2	2,078.76	1/2	2,474.25	1/2	2,869.74	1/2	3,265.22	1/2	3,660.71
3/4	122.55	3/4	514.33	3/4	902.26	3/4	1,296.67	3/4	1,691.50	3/4	2,087.00	3/4	2,482.49	3/4	2,877.98	3/4	3,273.46	3/4	3,668.95
4	129.82	4	522.50	4	910.50	4	1,304.89	4	1,699.74	4	2,095.24	4	2,490.73	4	2,886.22	4	3,281.70	4	3,677.19
1/4	137.59	1/4	530.19	1/4	918.74	1/4	1,313.13	1/4	1,707.98	1/4	2,103.48	1/4	2,498.97	1/4	2,894.45	1/4	3,289.94	1/4	3,685.43
1/2	145.36	1/2	537.88	1/2	926.98	1/2	1,321.37	1/2	1,716.22	1/2	2,111.72	1/2	2,507.21	1/2	2,902.69	1/2	3,298.18	1/2	3,693.67
3/4	153.13	3/4	545.58	3/4	935.22	3/4	1,329.61	3/4	1,724.46	3/4	2,119.96	3/4	2,515.45	3/4	2,910.93	3/4	3,306.42	3/4	3,701.91
5	160.90	5	553.27	5	943.46	5	1,337.85	5	1,732.70	5	2,128.20	5	2,523.69	5	2,919.17	5	3,314.66	5	3,710.15
1/4	169.10	1/4	560.60	1/4	951.69	1/4	1,346.09	1/4	1,740.94	1/4	2,136.43	1/4	2,531.93	1/4	2,927.41	1/4	3,322.90	1/4	3,718.38
1/2	177.30	1/2	567.93	1/2	959.93	1/2	1,354.33	1/2	1,749.18	1/2	2,144.67	1/2	2,540.16	1/2	2,935.65	1/2	3,331.14	1/2	3,726.62
3/4	185.49	3/4	575.26	3/4	968.17	3/4	1,362.57	3/4	1,757.42	3/4	2,152.91	3/4	2,548.40	3/4	2,943.89	3/4	3,339.38	3/4	3,734.86
6	193.69	6	582.60	6	976.41	6	1,370.81	6	1,765.66	6	2,161.15	6	2,556.64	6	2,952.13	6	3,347.62	6	3,743.10
1/4	201.90	1/4	590.41	1/4	984.62	1/4	1,379.05	1/4	1,773.90	1/4	2,169.39	1/4	2,564.88	1/4	2,960.37	1/4	3,355.86	1/4	3,751.34
1/2	210.11	1/2	598.23	1/2	992.83	1/2	1,387.29	1/2	1,782.14	1/2	2,177.63	1/2	2,573.12	1/2	2,968.61	1/2	3,364.09	1/2	3,759.58
3/4	218.32	3/4	606.04	3/4	1,001.05	3/4	1,395.53	3/4	1,790.38	3/4	2,185.87	3/4	2,581.36	3/4	2,976.85	3/4	3,372.33	3/4	3,767.82
7	226.52	7	613.86	7	1,009.26	7	1,403.77	7	1,798.62	7	2,194.11	7	2,589.60	7	2,985.09	7	3,380.57	7	3,776.06
1/4	234.75	1/4	622.10	1/4	1,017.47	1/4	1,412.01	1/4	1,806.85	1/4	2,202.35	1/4	2,597.84	1/4	2,993.33	1/4	3,388.81	1/4	3,784.30
1/2	242.98	1/2	630.34	1/2	1,025.68	1/2	1,420.24	1/2	1,815.09	1/2	2,210.59	1/2	2,606.08	1/2	3,001.57	1/2	3,397.05	1/2	3,792.54
3/4	251.20	3/4	638.58	3/4	1,033.90	3/4	1,428.48	3/4	1,823.33	3/4	2,218.83	3/4	2,614.32	3/4	3,009.80	3/4	3,405.29	3/4	3,800.78
8	259.43	8	646.82	8	1,042.11	8	1,436.72	8	1,831.57	8	2,227.07	8	2,622.56	8	3,018.04	8	3,413.53	8	3,809.02
1/4	267.67	1/4	655.06	1/4	1,050.32	1/4	1,444.93	1/4	1,839.81	1/4	2,235.31	1/4	2,630.80	1/4	3,026.28	1/4	3,421.77	1/4	3,817.26
1/2	275.91	1/2	663.30	1/2	1,058.53	1/2	1,453.14	1/2	1,848.05	1/2	2,243.55	1/2	2,639.04	1/2	3,034.52	1/2	3,430.01	1/2	3,825.50
3/4	284.15	3/4	671.54	3/4	1,066.74	3/4	1,461.35	3/4	1,856.29	3/4	2,251.79	3/4	2,647.28	3/4	3,042.76	3/4	3,438.25	3/4	3,833.73
9	292.39	9	679.78	9	1,074.95	9	1,469.57	9	1,864.53	9	2,260.03	9	2,655.51	9	3,051.00	9	3,446.49	9	3,841.97
1/4	300.63	1/4	688.02	1/4	1,083.16	1/4	1,477.78	1/4	1,872.77	1/4	2,268.27	1/4	2,663.75	1/4	3,059.24	1/4	3,454.73	1/4	3,850.21
1/2	308.87	1/2	696.26	1/2	1,091.37	1/2	1,485.99	1/2	1,881.01	1/2	2,276.51	1/2	2,671.99	1/2	3,067.48	1/2	3,462.97	1/2	3,858.45
3/4	317.11	3/4	704.50	3/4	1,099.58	3/4	1,494.20	3/4	1,889.25	3/4	2,284.75	3/4	2,680.23	3/4	3,075.72	3/4	3,471.21	3/4	3,866.69
10	325.34	10	712.74	10	1,107.79	10	1,502.42	10	1,897.49	10	2,292.99	10	2,688.47	10	3,083.96	10	3,479.44	10	3,874.93
1/4	333.58	1/4	720.98	1/4	1,116.01	1/4	1,510.63	1/4	1,905.73	1/4	2,301.22	1/4	2,696.71	1/4	3,092.20	1/4	3,487.68	1/4	3,883.17
1/2	341.82	1/2	729.22	1/2	1,124.22	1/2	1,518.84	1/2	1,913.97	1/2	2,309.46	1/2	2,704.95	1/2	3,100.44	1/2	3,495.92	1/2	3,891.41
3/4	350.06	3/4	737.46	3/4	1,132.43	3/4	1,527.05	3/4	1,922.21	3/4	2,317.70	3/4	2,713.19	3/4	3,108.68	3/4	3,504.16	3/4	3,899.65
11	358.30	11	745.70	11	1,140.64	11	1,535.27	11	1,930.45	11	2,325.94	11	2,721.43	11	3,116.92	11	3,512.40	11	3,907.89
1/4	366.54	1/4	753.94	1/4	1,148.85	1/4	1,543.48	1/4	1,938.69	1/4	2,334.18	1/4	2,729.67	1/4	3,125.15	1/4	3,520.64	1/4	3,916.13
1/2	374.78	1/2	762.18	1/2	1,157.06	1/2	1,551.69	1/2	1,946.93	1/2	2,342.42	1/2	2,737.91	1/2	3,133.39	1/2	3,528.88	1/2	3,924.37
3/4	383.01	3/4	770.42	3/4	1,165.27	3/4	1,559.90	3/4	1,955.17	3/4	2,350.66	3/4	2,746.15	3/4	3,141.63	3/4	3,537.12	3/4	3,932.61

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
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE
GAUGE POINT: (2" STANDPIPE) LOCATED 12'-10" OFF CENTERLINE AND 51'-0" FORWARD OF AFT BULKHEAD

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



BARGE "KIRBY 30719B"

**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	3,940.85	0	4,334.57	0	4,711.26	0	5,063.83	0		0		0		0		0		0	
1/4	3,949.08	1/4	4,342.62	1/4	4,718.80	1/4	5,071.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,957.32	1/2	4,350.66	1/2	4,726.34	1/2	5,078.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,965.56	3/4	4,358.71	3/4	4,733.88	3/4	5,085.58	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,973.80	1	4,366.75	1	4,741.42	1	5,092.83	1		1		1		1		1		1	
1/4	3,982.04	1/4	4,374.76	1/4	4,748.92	1/4	5,100.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,990.28	1/2	4,382.77	1/2	4,756.43	1/2	5,109.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,998.52	3/4	4,390.79	3/4	4,763.93	3/4	5,117.30	3/4		3/4		3/4		3/4		3/4		3/4	
2	4,006.76	2	4,398.80	2	4,771.43	2	5,125.45	2		2		2		2		2		2	
1/4	4,015.00	1/4	4,406.77	1/4	4,778.90	1/4	5,133.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,023.24	1/2	4,414.75	1/2	4,786.37	1/2	5,141.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,031.48	3/4	4,422.72	3/4	4,793.84	3/4	5,149.92	3/4		3/4		3/4		3/4		3/4		3/4	
3	4,039.72	3	4,430.70	3	4,801.31	3	5,158.07	3		3		3		3		3		3	
1/4	4,047.96	1/4	4,438.64	1/4	4,808.74	1/4	5,166.23	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,056.20	1/2	4,446.58	1/2	4,816.17	1/2	5,174.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,064.44	3/4	4,454.52	3/4	4,823.61	3/4	5,182.54	3/4		3/4		3/4		3/4		3/4		3/4	
4	4,072.67	4	4,462.46	4	4,831.04	4	5,190.69	4		4		4		4		4		4	
1/4	4,080.91	1/4	4,470.36	1/4	4,838.44	1/4	5,198.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,089.15	1/2	4,478.27	1/2	4,845.83	1/2	5,207.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,097.39	3/4	4,486.17	3/4	4,853.23	3/4	5,215.15	3/4		3/4		3/4		3/4		3/4		3/4	
5	4,105.63	5	4,494.08	5	4,860.63	5	5,223.31	5		5		5		5		5		5	
1/4	4,113.87	1/4	4,501.95	1/4	4,867.99	1/4	5,231.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,122.11	1/2	4,509.82	1/2	4,875.36	1/2	5,239.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,130.35	3/4	4,517.69	3/4	4,882.72	3/4	5,247.26	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,138.59	6	4,525.56	6	4,890.08	6	5,255.24	6		6		6		6		6		6	
1/4	4,146.83	1/4	4,533.39	1/4	4,897.41	1/4	5,261.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,155.07	1/2	4,541.23	1/2	4,904.74	1/2	5,268.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,163.31	3/4	4,549.06	3/4	4,912.07	3/4	5,275.07	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,171.54	7	4,556.90	7	4,919.39	7	5,281.69	7		7		7		7		7		7	
1/4	4,179.77	1/4	4,564.69	1/4	4,926.69	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,187.99	1/2	4,572.49	1/2	4,933.98	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,196.21	3/4	4,580.29	3/4	4,941.27	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	4,204.43	8	4,588.09	8	4,948.56	8		8		8		8		8		8		8	
1/4	4,212.62	1/4	4,595.86	1/4	4,955.82	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,220.80	1/2	4,603.62	1/2	4,963.08	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,228.99	3/4	4,611.38	3/4	4,970.33	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	4,237.18	9	4,619.15	9	4,977.59	9		9		9		9		9		9		9	
1/4	4,245.33	1/4	4,626.88	1/4	4,984.81	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,253.48	1/2	4,634.61	1/2	4,992.04	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,261.63	3/4	4,642.34	3/4	4,999.26	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	4,269.78	10	4,650.06	10	5,006.48	10		10		10		10		10		10		10	
1/4	4,277.90	1/4	4,657.75	1/4	5,013.67	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,286.01	1/2	4,665.44	1/2	5,020.85	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,294.13	3/4	4,673.13	3/4	5,028.04	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	4,302.25	11	4,680.82	11	5,035.23	11		11		11		11		11		11		11	
1/4	4,310.33	1/4	4,688.43	1/4	5,042.38	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,318.41	1/2	4,696.04	1/2	5,049.53	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,326.49	3/4	4,703.65	3/4	5,056.68	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/05/2005 PMA
RECOMPUTED: 02/06/2020 CL
REPRINTED: 02/06/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2020

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



BARGE "KIRBY 30719B"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08"

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	19.58	0	389.28	0	774.74	0	1,157.10	0	1,541.75	0	1,933.28	0	2,326.82	0	2,720.35	0	3,113.89	0	3,507.42
1/4	24.96	1/4	397.46	1/4	782.94	1/4	1,164.95	1/4	1,549.77	1/4	1,941.48	1/4	2,335.02	1/4	2,728.55	1/4	3,122.09	1/4	3,515.62
1/2	30.34	1/2	405.65	1/2	791.14	1/2	1,172.80	1/2	1,557.80	1/2	1,949.68	1/2	2,343.22	1/2	2,736.75	1/2	3,130.28	1/2	3,523.82
3/4	35.72	3/4	413.83	3/4	799.34	3/4	1,180.65	3/4	1,565.82	3/4	1,957.88	3/4	2,351.42	3/4	2,744.95	3/4	3,138.48	3/4	3,532.02
1	41.10	1	422.01	1	807.54	1	1,188.49	1	1,573.85	1	1,966.08	1	2,359.62	1	2,753.15	1	3,146.68	1	3,540.21
1/4	48.32	1/4	430.18	1/4	815.74	1/4	1,196.34	1/4	1,581.87	1/4	1,974.27	1/4	2,367.81	1/4	2,761.35	1/4	3,154.88	1/4	3,548.41
1/2	55.54	1/2	438.35	1/2	823.94	1/2	1,204.19	1/2	1,589.89	1/2	1,982.47	1/2	2,376.01	1/2	2,769.55	1/2	3,163.08	1/2	3,556.61
3/4	62.77	3/4	446.52	3/4	832.13	3/4	1,212.03	3/4	1,597.92	3/4	1,990.67	3/4	2,384.21	3/4	2,777.74	3/4	3,171.28	3/4	3,564.81
2	69.99	2	454.69	2	840.33	2	1,219.88	2	1,605.94	2	1,998.87	2	2,392.41	2	2,785.94	2	3,179.48	2	3,573.01
1/4	77.55	1/4	462.86	1/4	848.53	1/4	1,227.73	1/4	1,613.99	1/4	2,007.07	1/4	2,400.61	1/4	2,794.14	1/4	3,187.67	1/4	3,581.21
1/2	85.10	1/2	471.03	1/2	856.73	1/2	1,235.58	1/2	1,622.03	1/2	2,015.27	1/2	2,408.81	1/2	2,802.34	1/2	3,195.87	1/2	3,589.41
3/4	92.66	3/4	479.20	3/4	864.93	3/4	1,243.42	3/4	1,630.08	3/4	2,023.47	3/4	2,417.01	3/4	2,810.54	3/4	3,204.07	3/4	3,597.60
3	100.22	3	487.37	3	873.13	3	1,251.27	3	1,638.12	3	2,031.67	3	2,425.20	3	2,818.74	3	3,212.27	3	3,605.80
1/4	107.45	1/4	495.50	1/4	881.29	1/4	1,259.12	1/4	1,646.32	1/4	2,039.87	1/4	2,433.40	1/4	2,826.94	1/4	3,220.47	1/4	3,614.00
1/2	114.69	1/2	503.62	1/2	889.45	1/2	1,266.98	1/2	1,654.52	1/2	2,048.06	1/2	2,441.60	1/2	2,835.13	1/2	3,228.67	1/2	3,622.20
3/4	121.92	3/4	511.75	3/4	897.61	3/4	1,274.83	3/4	1,662.72	3/4	2,056.26	3/4	2,449.80	3/4	2,843.33	3/4	3,236.87	3/4	3,630.40
4	129.16	4	519.88	4	905.77	4	1,282.69	4	1,670.92	4	2,064.46	4	2,458.00	4	2,851.53	4	3,245.06	4	3,638.60
1/4	136.88	1/4	527.53	1/4	913.64	1/4	1,290.60	1/4	1,679.12	1/4	2,072.66	1/4	2,466.20	1/4	2,859.73	1/4	3,253.26	1/4	3,646.80
1/2	144.61	1/2	535.18	1/2	921.52	1/2	1,298.52	1/2	1,687.32	1/2	2,080.86	1/2	2,474.40	1/2	2,867.93	1/2	3,261.46	1/2	3,654.99
3/4	152.34	3/4	542.84	3/4	929.39	3/4	1,306.44	3/4	1,695.52	3/4	2,089.06	3/4	2,482.59	3/4	2,876.13	3/4	3,269.66	3/4	3,663.19
5	160.07	5	550.49	5	937.27	5	1,314.35	5	1,703.71	5	2,097.26	5	2,490.79	5	2,884.33	5	3,277.86	5	3,671.39
1/4	168.23	1/4	557.78	1/4	945.14	1/4	1,322.55	1/4	1,711.91	1/4	2,105.46	1/4	2,498.99	1/4	2,892.52	1/4	3,286.06	1/4	3,679.59
1/2	176.39	1/2	565.07	1/2	953.02	1/2	1,330.75	1/2	1,720.11	1/2	2,113.65	1/2	2,507.19	1/2	2,900.72	1/2	3,294.26	1/2	3,687.79
3/4	184.54	3/4	572.36	3/4	960.89	3/4	1,338.95	3/4	1,728.31	3/4	2,121.85	3/4	2,515.39	3/4	2,908.92	3/4	3,302.45	3/4	3,695.99
6	192.70	6	579.65	6	968.76	6	1,347.15	6	1,736.51	6	2,130.05	6	2,523.59	6	2,917.12	6	3,310.65	6	3,704.19
1/4	200.87	1/4	587.43	1/4	976.61	1/4	1,355.35	1/4	1,744.71	1/4	2,138.25	1/4	2,531.79	1/4	2,925.32	1/4	3,318.85	1/4	3,712.38
1/2	209.04	1/2	595.20	1/2	984.46	1/2	1,363.55	1/2	1,752.91	1/2	2,146.45	1/2	2,539.98	1/2	2,933.52	1/2	3,327.05	1/2	3,720.58
3/4	217.20	3/4	602.98	3/4	992.31	3/4	1,371.75	3/4	1,761.11	3/4	2,154.65	3/4	2,548.18	3/4	2,941.72	3/4	3,335.25	3/4	3,728.78
7	225.37	7	610.75	7	1,000.16	7	1,379.95	7	1,769.30	7	2,162.85	7	2,556.38	7	2,949.91	7	3,343.45	7	3,736.98
1/4	233.56	1/4	618.95	1/4	1,008.01	1/4	1,388.15	1/4	1,777.50	1/4	2,171.05	1/4	2,564.58	1/4	2,958.11	1/4	3,351.65	1/4	3,745.18
1/2	241.74	1/2	627.15	1/2	1,015.86	1/2	1,396.35	1/2	1,785.70	1/2	2,179.25	1/2	2,572.78	1/2	2,966.31	1/2	3,359.84	1/2	3,753.38
3/4	249.93	3/4	635.35	3/4	1,023.70	3/4	1,404.55	3/4	1,793.90	3/4	2,187.45	3/4	2,580.98	3/4	2,974.51	3/4	3,368.04	3/4	3,761.58
8	258.11	8	643.55	8	1,031.55	8	1,412.75	8	1,802.10	8	2,195.64	8	2,589.18	8	2,982.71	8	3,376.24	8	3,769.77
1/4	266.31	1/4	651.75	1/4	1,039.40	1/4	1,420.92	1/4	1,810.30	1/4	2,203.84	1/4	2,597.38	1/4	2,990.91	1/4	3,384.44	1/4	3,777.97
1/2	274.51	1/2	659.95	1/2	1,047.25	1/2	1,429.10	1/2	1,818.50	1/2	2,212.04	1/2	2,605.57	1/2	2,999.11	1/2	3,392.64	1/2	3,786.17
3/4	282.71	3/4	668.15	3/4	1,055.09	3/4	1,437.28	3/4	1,826.70	3/4	2,220.24	3/4	2,613.77	3/4	3,007.31	3/4	3,400.84	3/4	3,794.37
9	290.91	9	676.35	9	1,062.94	9	1,445.46	9	1,834.90	9	2,228.44	9	2,621.97	9	3,015.50	9	3,409.04	9	3,802.57
1/4	299.11	1/4	684.55	1/4	1,070.79	1/4	1,453.48	1/4	1,843.09	1/4	2,236.64	1/4	2,630.17	1/4	3,023.70	1/4	3,417.24	1/4	3,810.77
1/2	307.31	1/2	692.75	1/2	1,078.63	1/2	1,461.51	1/2	1,851.29	1/2	2,244.84	1/2	2,638.37	1/2	3,031.90	1/2	3,425.43	1/2	3,818.97
3/4	315.50	3/4	700.95	3/4	1,086.48	3/4	1,469.53	3/4	1,859.49	3/4	2,253.03	3/4	2,646.57	3/4	3,040.10	3/4	3,433.63	3/4	3,827.17
10	323.70	10	709.15	10	1,094.33	10	1,477.56	10	1,867.69	10	2,261.23	10	2,654.77	10	3,048.30	10	3,441.83	10	3,835.36
1/4	331.90	1/4	717.35	1/4	1,102.17	1/4	1,485.58	1/4	1,875.89	1/4	2,269.43	1/4	2,662.96	1/4	3,056.50	1/4	3,450.03	1/4	3,843.56
1/2	340.10	1/2	725.55	1/2	1,110.02	1/2	1,493.60	1/2	1,884.09	1/2	2,277.63	1/2	2,671.16	1/2	3,064.70	1/2	3,458.23	1/2	3,851.76
3/4	348.30	3/4	733.74	3/4	1,117.87	3/4	1,501.63	3/4	1,892.29	3/4	2,285.83	3/4	2,679.36	3/4	3,072.89	3/4	3,466.43	3/4	3,859.96
11	356.50	11	741.94	11	1,125.72	11	1,509.65	11	1,900.49	11	2,294.03	11	2,687.56	11	3,081.09	11	3,474.63	11	3,868.16
1/4	364.69	1/4	750.14	1/4	1,133.56	1/4	1,517.68	1/4	1,908.68	1/4	2,302.23	1/4	2,695.76	1/4	3,089.29	1/4	3,482.82	1/4	3,876.36
1/2	372.89	1/2	758.34	1/2	1,141.41	1/2	1,525.70	1/2	1,916.88	1/2	2,310.42	1/2	2,703.96	1/2	3,097.49	1/2	3,491.02	1/2	3,884.56
3/4	381.09	3/4	766.54	3/4	1,149.26	3/4	1,533.73	3/4	1,925.08	3/4	2,318.62	3/4	2,712.16	3/4	3,105.69	3/4	3,499.22	3/4	3,892.75

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE
 GAUGE POINT: (2" STANDPIPE) LOCATED 12'-10" OFF CENTERLINE AND 51'-0" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "KIRBY 30719B"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08"

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	3,900.95	0	4,292.73	0	4,667.55	0	5,018.36	0		0		0		0		0		0	
1/4	3,909.15	1/4	4,300.73	1/4	4,675.06	1/4	5,025.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,917.35	1/2	4,308.74	1/2	4,682.56	1/2	5,032.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,925.55	3/4	4,316.75	3/4	4,690.06	3/4	5,040.00	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,933.75	1	4,324.75	1	4,697.56	1	5,047.21	1		1		1		1		1		1	
1/4	3,941.95	1/4	4,332.72	1/4	4,705.02	1/4	5,055.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,950.14	1/2	4,340.69	1/2	4,712.49	1/2	5,063.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,958.34	3/4	4,348.66	3/4	4,719.96	3/4	5,071.55	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,966.54	2	4,356.64	2	4,727.42	2	5,079.67	2		2		2		2		2		2	
1/4	3,974.74	1/4	4,364.57	1/4	4,734.85	1/4	5,087.78	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,982.94	1/2	4,372.51	1/2	4,742.28	1/2	5,095.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,991.14	3/4	4,380.44	3/4	4,749.72	3/4	5,104.01	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,999.34	3	4,388.38	3	4,757.15	3	5,112.12	3		3		3		3		3		3	
1/4	4,007.53	1/4	4,396.28	1/4	4,764.54	1/4	5,120.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,015.73	1/2	4,404.18	1/2	4,771.94	1/2	5,128.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,023.93	3/4	4,412.08	3/4	4,779.33	3/4	5,136.46	3/4		3/4		3/4		3/4		3/4		3/4	
4	4,032.13	4	4,419.98	4	4,786.73	4	5,144.58	4		4		4		4		4		4	
1/4	4,040.33	1/4	4,427.85	1/4	4,794.09	1/4	5,152.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,048.53	1/2	4,435.71	1/2	4,801.45	1/2	5,160.81	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,056.73	3/4	4,443.58	3/4	4,808.81	3/4	5,168.92	3/4		3/4		3/4		3/4		3/4		3/4	
5	4,064.92	5	4,451.45	5	4,816.17	5	5,177.04	5		5		5		5		5		5	
1/4	4,073.12	1/4	4,459.28	1/4	4,823.50	1/4	5,184.98	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,081.32	1/2	4,467.11	1/2	4,830.82	1/2	5,192.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,089.52	3/4	4,474.94	3/4	4,838.15	3/4	5,200.86	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,097.72	6	4,482.77	6	4,845.48	6	5,208.81	6		6		6		6		6		6	
1/4	4,105.92	1/4	4,490.57	1/4	4,852.77	1/4	5,215.38	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,114.11	1/2	4,498.36	1/2	4,860.06	1/2	5,221.96	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,122.31	3/4	4,506.16	3/4	4,867.35	3/4	5,228.54	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,130.51	7	4,513.95	7	4,874.64	7	5,235.11	7		7		7		7		7		7	
1/4	4,138.69	1/4	4,521.71	1/4	4,881.90	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,146.87	1/2	4,529.47	1/2	4,889.15	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,155.05	3/4	4,537.23	3/4	4,896.41	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	4,163.23	8	4,544.99	8	4,903.66	8		8		8		8		8		8		8	
1/4	4,171.38	1/4	4,552.72	1/4	4,910.88	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,179.52	1/2	4,560.45	1/2	4,918.10	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,187.67	3/4	4,568.17	3/4	4,925.33	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	4,195.82	9	4,575.90	9	4,932.55	9		9		9		9		9		9		9	
1/4	4,203.93	1/4	4,583.59	1/4	4,939.73	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,212.04	1/2	4,591.28	1/2	4,946.92	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,220.15	3/4	4,598.97	3/4	4,954.10	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	4,228.26	10	4,606.66	10	4,961.29	10		10		10		10		10		10		10	
1/4	4,236.34	1/4	4,614.31	1/4	4,968.44	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,244.41	1/2	4,621.96	1/2	4,975.59	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,252.49	3/4	4,629.61	3/4	4,982.74	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	4,260.56	11	4,637.26	11	4,989.89	11		11		11		11		11		11		11	
1/4	4,268.61	1/4	4,644.84	1/4	4,997.01	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,276.65	1/2	4,652.41	1/2	5,004.12	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,284.69	3/4	4,659.98	3/4	5,011.24	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/05/2005 PMA
RECOMPUTED: 02/06/2020 CL
REPRINTED: 02/06/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2020

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



BARGE "KIRBY 30719B"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	19.57	0	389.16	0	774.49	0	1,167.23	0	1,558.05	0	1,949.45	0	2,342.86	0	2,736.27	0	3,129.67	0	3,523.07
1/4	24.95	1/4	397.34	1/4	782.69	1/4	1,175.40	1/4	1,566.07	1/4	1,957.65	1/4	2,351.06	1/4	2,744.46	1/4	3,137.87	1/4	3,531.27
1/2	30.33	1/2	405.51	1/2	790.89	1/2	1,183.57	1/2	1,574.09	1/2	1,965.85	1/2	2,359.26	1/2	2,752.66	1/2	3,146.06	1/2	3,539.46
3/4	35.70	3/4	413.69	3/4	799.08	3/4	1,191.73	3/4	1,582.11	3/4	1,974.04	3/4	2,367.45	3/4	2,760.85	3/4	3,154.26	3/4	3,547.66
1	41.08	1	421.87	1	807.28	1	1,199.90	1	1,590.14	1	1,982.24	1	2,375.65	1	2,769.05	1	3,162.45	1	3,555.86
1/4	48.30	1/4	430.04	1/4	815.47	1/4	1,208.07	1/4	1,598.16	1/4	1,990.43	1/4	2,383.84	1/4	2,777.25	1/4	3,170.65	1/4	3,564.05
1/2	55.52	1/2	438.21	1/2	823.67	1/2	1,216.24	1/2	1,606.18	1/2	1,998.63	1/2	2,392.04	1/2	2,785.44	1/2	3,178.85	1/2	3,572.25
3/4	62.75	3/4	446.37	3/4	831.87	3/4	1,224.40	3/4	1,614.20	3/4	2,006.83	3/4	2,400.23	3/4	2,793.64	3/4	3,187.04	3/4	3,580.44
2	69.97	2	454.54	2	840.06	2	1,232.57	2	1,622.22	2	2,015.02	2	2,408.43	2	2,801.83	2	3,195.24	2	3,588.64
1/4	77.52	1/4	462.71	1/4	848.26	1/4	1,240.74	1/4	1,630.26	1/4	2,023.22	1/4	2,416.63	1/4	2,810.03	1/4	3,203.43	1/4	3,596.84
1/2	85.08	1/2	470.88	1/2	856.46	1/2	1,248.91	1/2	1,638.31	1/2	2,031.41	1/2	2,424.82	1/2	2,818.23	1/2	3,211.63	1/2	3,605.03
3/4	92.63	3/4	479.05	3/4	864.65	3/4	1,257.07	3/4	1,646.35	3/4	2,039.61	3/4	2,433.02	3/4	2,826.42	3/4	3,219.82	3/4	3,613.23
3	100.19	3	487.22	3	872.85	3	1,265.24	3	1,654.39	3	2,047.81	3	2,441.21	3	2,834.62	3	3,228.02	3	3,621.42
1/4	107.42	1/4	495.34	1/4	881.05	1/4	1,273.42	1/4	1,662.59	1/4	2,056.00	1/4	2,449.41	1/4	2,842.81	1/4	3,236.22	1/4	3,629.62
1/2	114.65	1/2	503.46	1/2	889.24	1/2	1,281.59	1/2	1,670.79	1/2	2,064.20	1/2	2,457.61	1/2	2,851.01	1/2	3,244.41	1/2	3,637.82
3/4	121.88	3/4	511.58	3/4	897.44	3/4	1,289.77	3/4	1,678.98	3/4	2,072.39	3/4	2,465.80	3/4	2,859.20	3/4	3,252.61	3/4	3,646.01
4	129.12	4	519.71	4	905.64	4	1,297.94	4	1,687.18	4	2,080.59	4	2,474.00	4	2,867.40	4	3,260.80	4	3,654.21
1/4	136.84	1/4	527.36	1/4	913.83	1/4	1,306.14	1/4	1,695.37	1/4	2,088.79	1/4	2,482.19	1/4	2,875.60	1/4	3,269.00	1/4	3,662.40
1/2	144.57	1/2	535.01	1/2	922.03	1/2	1,314.33	1/2	1,703.57	1/2	2,096.98	1/2	2,490.39	1/2	2,883.79	1/2	3,277.20	1/2	3,670.60
3/4	152.30	3/4	542.66	3/4	930.23	3/4	1,322.53	3/4	1,711.77	3/4	2,105.18	3/4	2,498.59	3/4	2,891.99	3/4	3,285.39	3/4	3,678.79
5	160.02	5	550.31	5	938.42	5	1,330.73	5	1,719.96	5	2,113.38	5	2,506.78	5	2,900.18	5	3,293.59	5	3,686.99
1/4	168.18	1/4	557.60	1/4	946.62	1/4	1,338.92	1/4	1,728.16	1/4	2,121.57	1/4	2,514.98	1/4	2,908.38	1/4	3,301.78	1/4	3,695.19
1/2	176.33	1/2	564.89	1/2	954.81	1/2	1,347.12	1/2	1,736.35	1/2	2,129.77	1/2	2,523.17	1/2	2,916.58	1/2	3,309.98	1/2	3,703.38
3/4	184.48	3/4	572.18	3/4	963.00	3/4	1,355.32	3/4	1,744.55	3/4	2,137.96	3/4	2,531.37	3/4	2,924.77	3/4	3,318.18	3/4	3,711.58
6	192.64	6	579.47	6	971.19	6	1,363.51	6	1,752.75	6	2,146.16	6	2,539.56	6	2,932.97	6	3,326.37	6	3,719.77
1/4	200.80	1/4	587.24	1/4	979.36	1/4	1,371.71	1/4	1,760.94	1/4	2,154.36	1/4	2,547.76	1/4	2,941.16	1/4	3,334.57	1/4	3,727.97
1/2	208.97	1/2	595.01	1/2	987.54	1/2	1,379.91	1/2	1,769.14	1/2	2,162.55	1/2	2,555.96	1/2	2,949.36	1/2	3,342.76	1/2	3,736.17
3/4	217.13	3/4	602.78	3/4	995.71	3/4	1,388.11	3/4	1,777.34	3/4	2,170.75	3/4	2,564.15	3/4	2,957.56	3/4	3,350.96	3/4	3,744.36
7	225.30	7	610.56	7	1,003.88	7	1,396.30	7	1,785.53	7	2,178.95	7	2,572.35	7	2,965.75	7	3,359.15	7	3,752.56
1/4	233.48	1/4	618.75	1/4	1,012.05	1/4	1,404.50	1/4	1,793.73	1/4	2,187.14	1/4	2,580.54	1/4	2,973.95	1/4	3,367.35	1/4	3,760.75
1/2	241.67	1/2	626.95	1/2	1,020.21	1/2	1,412.70	1/2	1,801.92	1/2	2,195.34	1/2	2,588.74	1/2	2,982.14	1/2	3,375.55	1/2	3,768.95
3/4	249.85	3/4	635.15	3/4	1,028.38	3/4	1,420.89	3/4	1,810.12	3/4	2,203.53	3/4	2,596.94	3/4	2,990.34	3/4	3,383.74	3/4	3,777.15
8	258.03	8	643.34	8	1,036.55	8	1,429.09	8	1,818.32	8	2,211.73	8	2,605.13	8	2,998.54	8	3,391.94	8	3,785.34
1/4	266.23	1/4	651.54	1/4	1,044.72	1/4	1,437.26	1/4	1,826.51	1/4	2,219.92	1/4	2,613.33	1/4	3,006.73	1/4	3,400.13	1/4	3,793.54
1/2	274.42	1/2	659.74	1/2	1,052.88	1/2	1,445.44	1/2	1,834.71	1/2	2,228.12	1/2	2,621.52	1/2	3,014.93	1/2	3,408.33	1/2	3,801.73
3/4	282.62	3/4	667.94	3/4	1,061.05	3/4	1,453.61	3/4	1,842.90	3/4	2,236.32	3/4	2,629.72	3/4	3,023.12	3/4	3,416.53	3/4	3,809.93
9	290.82	9	676.13	9	1,069.22	9	1,461.79	9	1,851.10	9	2,244.51	9	2,637.92	9	3,031.32	9	3,424.72	9	3,818.13
1/4	299.01	1/4	684.33	1/4	1,077.39	1/4	1,469.81	1/4	1,859.30	1/4	2,252.71	1/4	2,646.11	1/4	3,039.51	1/4	3,432.92	1/4	3,826.32
1/2	307.21	1/2	692.53	1/2	1,085.55	1/2	1,477.83	1/2	1,867.49	1/2	2,260.90	1/2	2,654.31	1/2	3,047.71	1/2	3,441.11	1/2	3,834.52
3/4	315.40	3/4	700.72	3/4	1,093.72	3/4	1,485.85	3/4	1,875.69	3/4	2,269.10	3/4	2,662.50	3/4	3,055.91	3/4	3,449.31	3/4	3,842.71
10	323.60	10	708.92	10	1,101.89	10	1,493.88	10	1,883.88	10	2,277.30	10	2,670.70	10	3,064.10	10	3,457.51	10	3,850.91
1/4	331.79	1/4	717.12	1/4	1,110.06	1/4	1,501.90	1/4	1,892.08	1/4	2,285.49	1/4	2,678.90	1/4	3,072.30	1/4	3,465.70	1/4	3,859.10
1/2	339.99	1/2	725.31	1/2	1,118.22	1/2	1,509.92	1/2	1,900.28	1/2	2,293.69	1/2	2,687.09	1/2	3,080.49	1/2	3,473.90	1/2	3,867.30
3/4	348.19	3/4	733.51	3/4	1,126.39	3/4	1,517.94	3/4	1,908.47	3/4	2,301.88	3/4	2,695.29	3/4	3,088.69	3/4	3,482.09	3/4	3,875.50
11	356.38	11	741.71	11	1,134.56	11	1,525.96	11	1,916.67	11	2,310.08	11	2,703.48	11	3,096.89	11	3,490.29	11	3,883.69
1/4	364.57	1/4	749.90	1/4	1,142.73	1/4	1,533.99	1/4	1,924.86	1/4	2,318.28	1/4	2,711.68	1/4	3,105.08	1/4	3,498.49	1/4	3,891.89
1/2	372.77	1/2	758.10	1/2	1,150.89	1/2	1,542.01	1/2	1,933.06	1/2	2,326.47	1/2	2,719.87	1/2	3,113.28	1/2	3,506.68	1/2	3,900.08
3/4	380.96	3/4	766.30	3/4	1,159.06	3/4	1,550.03	3/4	1,941.26	3/4	2,334.67	3/4	2,728.07	3/4	3,121.47	3/4	3,514.88	3/4	3,908.28

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 TAKEN AT 2" DIAMETER STANDPIPE.
 GAUGE POINT: (2" STANDPIPE) LOCATED 12'-10" OFF CENTERLINE AND 51'-0" 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 30719B"

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.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,916.48	0	4,308.12	0	4,682.83	0	5,033.54	0		0		0		0		0		0	
1/4	3,924.67	1/4	4,316.12	1/4	4,690.33	1/4	5,040.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,932.87	1/2	4,324.13	1/2	4,697.83	1/2	5,047.96	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,941.06	3/4	4,332.13	3/4	4,705.33	3/4	5,055.17	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,949.26	1	4,340.13	1	4,712.83	1	5,062.38	1		1		1		1		1		1	
1/4	3,957.46	1/4	4,348.10	1/4	4,720.29	1/4	5,070.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,965.65	1/2	4,356.07	1/2	4,727.75	1/2	5,078.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,973.85	3/4	4,364.04	3/4	4,735.22	3/4	5,086.72	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,982.04	2	4,372.01	2	4,742.68	2	5,094.83	2		2		2		2		2		2	
1/4	3,990.24	1/4	4,379.94	1/4	4,750.11	1/4	5,102.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,998.44	1/2	4,387.88	1/2	4,757.54	1/2	5,111.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,006.63	3/4	4,395.81	3/4	4,764.97	3/4	5,119.16	3/4		3/4		3/4		3/4		3/4		3/4	
3	4,014.83	3	4,403.74	3	4,772.40	3	5,127.27	3		3		3		3		3		3	
1/4	4,023.02	1/4	4,411.64	1/4	4,779.79	1/4	5,135.38	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,031.22	1/2	4,419.54	1/2	4,787.19	1/2	5,143.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,039.41	3/4	4,427.44	3/4	4,794.58	3/4	5,151.61	3/4		3/4		3/4		3/4		3/4		3/4	
4	4,047.61	4	4,435.34	4	4,801.97	4	5,159.72	4		4		4		4		4		4	
1/4	4,055.81	1/4	4,443.20	1/4	4,809.33	1/4	5,167.83	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,064.00	1/2	4,451.06	1/2	4,816.69	1/2	5,175.94	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,072.20	3/4	4,458.93	3/4	4,824.05	3/4	5,184.05	3/4		3/4		3/4		3/4		3/4		3/4	
5	4,080.39	5	4,466.79	5	4,831.41	5	5,192.16	5		5		5		5		5		5	
1/4	4,088.59	1/4	4,474.62	1/4	4,838.73	1/4	5,200.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,096.79	1/2	4,482.45	1/2	4,846.06	1/2	5,208.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,104.98	3/4	4,490.27	3/4	4,853.38	3/4	5,215.99	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,113.18	6	4,498.10	6	4,860.70	6	5,223.93	6		6		6		6		6		6	
1/4	4,121.37	1/4	4,505.90	1/4	4,867.99	1/4	5,230.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,129.57	1/2	4,513.69	1/2	4,875.28	1/2	5,237.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,137.76	3/4	4,521.48	3/4	4,882.57	3/4	5,243.65	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,145.95	7	4,529.28	7	4,889.86	7	5,250.22	7		7		7		7		7		7	
1/4	4,154.13	1/4	4,537.03	1/4	4,897.11	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,162.31	1/2	4,544.79	1/2	4,904.37	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,170.49	3/4	4,552.55	3/4	4,911.62	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	4,178.67	8	4,560.31	8	4,918.87	8		8		8		8		8		8		8	
1/4	4,186.81	1/4	4,568.03	1/4	4,926.09	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,194.95	1/2	4,575.76	1/2	4,933.31	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,203.10	3/4	4,583.48	3/4	4,940.53	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	4,211.24	9	4,591.20	9	4,947.75	9		9		9		9		9		9		9	
1/4	4,219.35	1/4	4,598.89	1/4	4,954.93	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,227.46	1/2	4,606.58	1/2	4,962.12	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,235.57	3/4	4,614.27	3/4	4,969.30	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	4,243.67	10	4,621.96	10	4,976.48	10		10		10		10		10		10		10	
1/4	4,251.75	1/4	4,629.60	1/4	4,983.63	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,259.82	1/2	4,637.25	1/2	4,990.78	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,267.89	3/4	4,644.90	3/4	4,997.93	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	4,275.97	11	4,652.55	11	5,005.08	11		11		11		11		11		11		11	
1/4	4,284.01	1/4	4,660.12	1/4	5,012.19	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,292.04	1/2	4,667.69	1/2	5,019.31	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,300.08	3/4	4,675.26	3/4	5,026.42	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/05/2005 PMA
RECOMPUTED: 02/05/2020 SW
REPRINTED: 02/05/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2020

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



BARGE "KIRBY 30719B"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 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	17.83	0	302.49	0	682.07	0	1,051.88	0	1,431.65	0	1,820.30	0	2,211.50	0	2,602.70	0	2,993.90	0	3,385.10
1/4	19.97	1/4	310.58	1/4	689.79	1/4	1,059.57	1/4	1,439.63	1/4	1,828.45	1/4	2,219.65	1/4	2,610.85	1/4	3,002.05	1/4	3,393.26
1/2	22.24	1/2	318.71	1/2	697.51	1/2	1,067.25	1/2	1,447.61	1/2	1,836.60	1/2	2,227.80	1/2	2,619.00	1/2	3,010.20	1/2	3,401.41
3/4	24.52	3/4	326.85	3/4	705.22	3/4	1,074.94	3/4	1,455.58	3/4	1,844.75	3/4	2,235.95	3/4	2,627.15	3/4	3,018.35	3/4	3,409.57
1	26.80	1	334.98	1	712.94	1	1,082.63	1	1,463.56	1	1,852.90	1	2,244.10	1	2,635.30	1	3,026.50	1	3,417.72
1/4	30.04	1/4	343.11	1/4	720.66	1/4	1,090.32	1/4	1,471.53	1/4	1,861.05	1/4	2,252.25	1/4	2,643.45	1/4	3,034.65	1/4	3,425.89
1/2	34.25	1/2	351.24	1/2	728.38	1/2	1,098.01	1/2	1,479.51	1/2	1,869.20	1/2	2,260.40	1/2	2,651.60	1/2	3,042.80	1/2	3,434.06
3/4	38.45	3/4	359.36	3/4	736.10	3/4	1,105.69	3/4	1,487.48	3/4	1,877.35	3/4	2,268.55	3/4	2,659.75	3/4	3,050.95	3/4	3,442.23
2	42.66	2	367.49	2	743.82	2	1,113.38	2	1,495.45	2	1,885.50	2	2,276.70	2	2,667.90	2	3,059.10	2	3,450.40
1/4	47.14	1/4	375.61	1/4	751.54	1/4	1,121.07	1/4	1,503.44	1/4	1,893.65	1/4	2,284.85	1/4	2,676.05	1/4	3,067.25	1/4	3,458.57
1/2	51.89	1/2	383.73	1/2	759.26	1/2	1,128.76	1/2	1,511.43	1/2	1,901.80	1/2	2,293.00	1/2	2,684.20	1/2	3,075.40	1/2	3,466.75
3/4	56.64	3/4	391.85	3/4	766.98	3/4	1,136.45	3/4	1,519.42	3/4	1,909.95	3/4	2,301.15	3/4	2,692.35	3/4	3,083.55	3/4	3,474.92
3	61.39	3	399.98	3	774.70	3	1,144.14	3	1,527.41	3	1,918.10	3	2,309.30	3	2,700.50	3	3,091.70	3	3,483.09
1/4	66.18	1/4	408.05	1/4	782.42	1/4	1,151.83	1/4	1,535.47	1/4	1,926.25	1/4	2,317.45	1/4	2,708.65	1/4	3,099.85	1/4	3,491.26
1/2	71.00	1/2	416.07	1/2	790.14	1/2	1,159.53	1/2	1,543.60	1/2	1,934.40	1/2	2,325.60	1/2	2,716.80	1/2	3,108.00	1/2	3,499.44
3/4	75.82	3/4	424.09	3/4	797.86	3/4	1,167.23	3/4	1,551.73	3/4	1,942.55	3/4	2,333.75	3/4	2,724.95	3/4	3,116.15	3/4	3,507.61
4	80.65	4	432.11	4	805.58	4	1,174.93	4	1,559.85	4	1,950.70	4	2,341.90	4	2,733.10	4	3,124.30	4	3,515.78
1/4	85.86	1/4	439.91	1/4	813.29	1/4	1,182.68	1/4	1,567.98	1/4	1,958.85	1/4	2,350.05	1/4	2,741.25	1/4	3,132.45	1/4	3,523.95
1/2	91.47	1/2	447.47	1/2	821.01	1/2	1,190.49	1/2	1,576.11	1/2	1,967.00	1/2	2,358.20	1/2	2,749.40	1/2	3,140.60	1/2	3,532.13
3/4	97.07	3/4	455.04	3/4	828.73	3/4	1,198.29	3/4	1,584.24	3/4	1,975.15	3/4	2,366.35	3/4	2,757.55	3/4	3,148.75	3/4	3,540.30
5	102.68	5	462.60	5	836.45	5	1,206.09	5	1,592.36	5	1,983.30	5	2,374.50	5	2,765.70	5	3,156.90	5	3,548.47
1/4	108.62	1/4	470.04	1/4	844.17	1/4	1,214.06	1/4	1,600.49	1/4	1,991.45	1/4	2,382.65	1/4	2,773.85	1/4	3,165.05	1/4	3,556.62
1/2	114.89	1/2	477.34	1/2	851.88	1/2	1,222.19	1/2	1,608.62	1/2	1,999.60	1/2	2,390.80	1/2	2,782.00	1/2	3,173.20	1/2	3,564.73
3/4	121.16	3/4	484.65	3/4	859.59	3/4	1,230.33	3/4	1,616.74	3/4	2,007.75	3/4	2,398.95	3/4	2,790.15	3/4	3,181.35	3/4	3,572.85
6	127.44	6	491.96	6	867.31	6	1,238.46	6	1,624.87	6	2,015.90	6	2,407.10	6	2,798.30	6	3,189.50	6	3,580.97
1/4	133.87	1/4	499.50	1/4	875.01	1/4	1,246.60	1/4	1,633.00	1/4	2,024.05	1/4	2,415.25	1/4	2,806.45	1/4	3,197.65	1/4	3,588.70
1/2	140.45	1/2	507.29	1/2	882.70	1/2	1,254.73	1/2	1,641.12	1/2	2,032.20	1/2	2,423.40	1/2	2,814.60	1/2	3,205.80	1/2	3,596.04
3/4	147.03	3/4	515.07	3/4	890.40	3/4	1,262.87	3/4	1,649.25	3/4	2,040.35	3/4	2,431.55	3/4	2,822.75	3/4	3,213.95	3/4	3,603.39
7	153.61	7	522.85	7	898.09	7	1,271.00	7	1,657.38	7	2,048.50	7	2,439.70	7	2,830.90	7	3,222.10	7	3,610.73
1/4	160.34	1/4	530.82	1/4	905.78	1/4	1,279.14	1/4	1,665.51	1/4	2,056.65	1/4	2,447.85	1/4	2,839.05	1/4	3,230.25	1/4	3,616.72
1/2	167.24	1/2	538.98	1/2	913.47	1/2	1,287.27	1/2	1,673.64	1/2	2,064.80	1/2	2,456.00	1/2	2,847.20	1/2	3,238.40	1/2	3,621.36
3/4	174.13	3/4	547.13	3/4	921.16	3/4	1,295.40	3/4	1,681.77	3/4	2,072.95	3/4	2,464.15	3/4	2,855.35	3/4	3,246.55	3/4	3,626.00
8	181.02	8	555.29	8	928.85	8	1,303.53	8	1,689.90	8	2,081.10	8	2,472.30	8	2,863.50	8	3,254.70	8	3,630.65
1/4	188.07	1/4	563.44	1/4	936.54	1/4	1,311.64	1/4	1,698.04	1/4	2,089.25	1/4	2,480.45	1/4	2,871.65	1/4	3,262.85	1/4	3,635.29
1/2	195.26	1/2	571.59	1/2	944.23	1/2	1,319.74	1/2	1,706.19	1/2	2,097.40	1/2	2,488.60	1/2	2,879.80	1/2	3,271.00	1/2	3,639.93
3/4	202.46	3/4	579.74	3/4	951.92	3/4	1,327.83	3/4	1,714.34	3/4	2,105.55	3/4	2,496.75	3/4	2,887.95	3/4	3,279.15	3/4	3,644.57
9	209.66	9	587.89	9	959.61	9	1,335.93	9	1,722.49	9	2,113.70	9	2,504.90	9	2,896.10	9	3,287.30	9	3,649.21
1/4	217.00	1/4	595.99	1/4	967.30	1/4	1,343.96	1/4	1,730.65	1/4	2,121.85	1/4	2,513.05	1/4	2,904.25	1/4	3,295.45	1/4	3,653.85
1/2	224.49	1/2	604.04	1/2	974.99	1/2	1,351.92	1/2	1,738.80	1/2	2,130.00	1/2	2,521.20	1/2	2,912.40	1/2	3,303.60	1/2	3,658.49
3/4	231.99	3/4	612.09	3/4	982.68	3/4	1,359.88	3/4	1,746.95	3/4	2,138.15	3/4	2,529.35	3/4	2,920.55	3/4	3,311.75	3/4	3,663.13
10	239.48	10	620.15	10	990.37	10	1,367.85	10	1,755.10	10	2,146.30	10	2,537.50	10	2,928.70	10	3,319.90	10	3,667.77
1/4	247.11	1/4	628.03	1/4	998.06	1/4	1,375.82	1/4	1,763.25	1/4	2,154.45	1/4	2,545.65	1/4	2,936.85	1/4	3,328.05	1/4	3,672.41
1/2	254.90	1/2	635.75	1/2	1,005.75	1/2	1,383.80	1/2	1,771.40	1/2	2,162.60	1/2	2,553.80	1/2	2,945.00	1/2	3,336.20	1/2	3,677.05
3/4	262.68	3/4	643.47	3/4	1,013.44	3/4	1,391.77	3/4	1,779.55	3/4	2,170.75	3/4	2,561.95	3/4	2,953.15	3/4	3,344.35	3/4	3,681.69
11	270.46	11	651.19	11	1,021.13	11	1,399.75	11	1,787.70	11	2,178.90	11	2,570.10	11	2,961.30	11	3,352.50	11	3,686.33
1/4	278.38	1/4	658.91	1/4	1,028.81	1/4	1,407.73	1/4	1,795.85	1/4	2,187.05	1/4	2,578.25	1/4	2,969.45	1/4	3,360.65	1/4	3,690.97
1/2	286.41	1/2	666.63	1/2	1,036.50	1/2	1,415.70	1/2	1,804.00	1/2	2,195.20	1/2	2,586.40	1/2	2,977.60	1/2	3,368.80	1/2	3,695.61
3/4	294.45	3/4	674.35	3/4	1,044.19	3/4	1,423.68	3/4	1,812.15	3/4	2,203.35	3/4	2,594.55	3/4	2,985.75	3/4	3,376.95	3/4	3,700.25

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE
 GAUGE POINT: (2" STANDPIPE) LOCATED 12'-10" OFF CENTERLINE AND 50'-11" FORWARD OF AFT BULKHEAD

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



BARGE "KIRBY 30719B"

3 PORT 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	3,704.89	0	3,926.63	0	4,138.68	0	4,335.53	0		0		0		0		0		0	
1/4	3,709.53	1/4	3,931.17	1/4	4,142.91	1/4	4,339.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,714.17	1/2	3,935.70	1/2	4,147.12	1/2	4,343.69	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,718.81	3/4	3,940.23	3/4	4,151.32	3/4	4,347.80	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,723.45	1	3,944.75	1	4,155.53	1	4,351.91	1		1		1		1		1		1	
1/4	3,728.09	1/4	3,949.27	1/4	4,159.73	1/4	4,356.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,732.73	1/2	3,953.78	1/2	4,163.91	1/2	4,360.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,737.37	3/4	3,958.29	3/4	4,168.10	3/4	4,365.36	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,742.01	2	3,962.80	2	4,172.29	2	4,369.91	2		2		2		2		2		2	
1/4	3,746.66	1/4	3,967.30	1/4	4,176.46	1/4	4,374.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,751.30	1/2	3,971.79	1/2	4,180.63	1/2	4,379.03	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,755.94	3/4	3,976.28	3/4	4,184.80	3/4	4,383.58	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,760.58	3	3,980.77	3	4,188.96	3	4,388.14	3		3		3		3		3		3	
1/4	3,765.22	1/4	3,985.25	1/4	4,193.12	1/4	4,392.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,769.86	1/2	3,989.72	1/2	4,197.27	1/2	4,397.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,774.50	3/4	3,994.19	3/4	4,201.42	3/4	4,401.81	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,779.14	4	3,998.66	4	4,205.56	4	4,406.36	4		4		4		4		4		4	
1/4	3,783.78	1/4	4,003.12	1/4	4,209.70	1/4	4,410.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,788.42	1/2	4,007.57	1/2	4,213.83	1/2	4,415.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,793.06	3/4	4,012.01	3/4	4,217.95	3/4	4,419.98	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,797.70	5	4,016.46	5	4,222.08	5	4,424.51	5		5		5		5		5		5	
1/4	3,802.34	1/4	4,020.90	1/4	4,226.20	1/4	4,428.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,806.98	1/2	4,025.33	1/2	4,230.31	1/2	4,433.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,811.62	3/4	4,029.76	3/4	4,234.41	3/4	4,437.45	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,816.26	6	4,034.19	6	4,238.52	6	4,441.73	6		6		6		6		6		6	
1/4	3,820.90	1/4	4,038.61	1/4	4,242.62	1/4	4,445.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,825.54	1/2	4,043.02	1/2	4,246.71	1/2	4,449.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,830.18	3/4	4,047.43	3/4	4,250.79	3/4	4,452.52	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,834.82	7	4,051.84	7	4,254.88	7	4,455.99	7		7		7		7		7		7	
1/4	3,839.45	1/4	4,056.24	1/4	4,258.96	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,844.08	1/2	4,060.63	1/2	4,263.03	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,848.71	3/4	4,065.02	3/4	4,267.10	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,853.33	8	4,069.41	8	4,271.16	8		8		8		8		8		8		8	
1/4	3,857.95	1/4	4,073.79	1/4	4,275.22	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,862.56	1/2	4,078.16	1/2	4,279.27	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,867.17	3/4	4,082.54	3/4	4,283.32	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,871.78	9	4,086.91	9	4,287.37	9		9		9		9		9		9		9	
1/4	3,876.37	1/4	4,091.27	1/4	4,291.40	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,880.96	1/2	4,095.62	1/2	4,295.43	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,885.55	3/4	4,099.97	3/4	4,299.46	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,890.14	10	4,104.32	10	4,303.49	10		10		10		10		10		10		10	
1/4	3,894.72	1/4	4,108.65	1/4	4,307.51	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,899.29	1/2	4,112.97	1/2	4,311.51	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,903.86	3/4	4,117.29	3/4	4,315.52	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,908.42	11	4,121.61	11	4,319.53	11		11		11		11		11		11		11	
1/4	3,912.98	1/4	4,125.90	1/4	4,323.53	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,917.53	1/2	4,130.16	1/2	4,327.53	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,922.08	3/4	4,134.42	3/4	4,331.53	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/05/2005 PMA
RECOMPUTED: 02/06/2020 CL
REPRINTED: 02/06/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2020

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



BARGE "KIRBY 30719B"

3 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	17.82	0	303.24	0	687.30	0	1,078.23	0	1,467.83	0	1,858.30	0	2,250.62	0	2,642.93	0	3,035.24	0	3,427.56
1/4	19.84	1/4	311.40	1/4	695.46	1/4	1,086.36	1/4	1,475.85	1/4	1,866.47	1/4	2,258.79	1/4	2,651.10	1/4	3,043.42	1/4	3,435.73
1/2	21.85	1/2	319.56	1/2	703.62	1/2	1,094.49	1/2	1,483.86	1/2	1,874.64	1/2	2,266.96	1/2	2,659.28	1/2	3,051.59	1/2	3,443.90
3/4	23.86	3/4	327.71	3/4	711.77	3/4	1,102.62	3/4	1,491.87	3/4	1,882.82	3/4	2,275.14	3/4	2,667.45	3/4	3,059.76	3/4	3,452.08
1	25.88	1	335.87	1	719.93	1	1,110.75	1	1,499.88	1	1,890.99	1	2,283.31	1	2,675.62	1	3,067.94	1	3,460.25
1/4	30.02	1/4	344.01	1/4	728.09	1/4	1,118.88	1/4	1,507.89	1/4	1,899.16	1/4	2,291.48	1/4	2,683.80	1/4	3,076.11	1/4	3,468.42
1/2	34.17	1/2	352.16	1/2	736.25	1/2	1,127.01	1/2	1,515.90	1/2	1,907.34	1/2	2,299.66	1/2	2,691.97	1/2	3,084.28	1/2	3,476.60
3/4	38.32	3/4	360.30	3/4	744.41	3/4	1,135.14	3/4	1,523.91	3/4	1,915.51	3/4	2,307.83	3/4	2,700.14	3/4	3,092.46	3/4	3,484.77
2	42.46	2	368.44	2	752.57	2	1,143.27	2	1,531.92	2	1,923.68	2	2,316.00	2	2,708.32	2	3,100.63	2	3,492.94
1/4	47.23	1/4	376.59	1/4	760.73	1/4	1,151.40	1/4	1,539.96	1/4	1,931.86	1/4	2,324.18	1/4	2,716.49	1/4	3,108.80	1/4	3,501.12
1/2	52.00	1/2	384.74	1/2	768.89	1/2	1,159.53	1/2	1,547.99	1/2	1,940.03	1/2	2,332.35	1/2	2,724.66	1/2	3,116.98	1/2	3,509.29
3/4	56.77	3/4	392.88	3/4	777.05	3/4	1,167.66	3/4	1,556.02	3/4	1,948.21	3/4	2,340.52	3/4	2,732.84	3/4	3,125.15	3/4	3,517.46
3	61.55	3	401.03	3	785.20	3	1,175.79	3	1,564.05	3	1,956.38	3	2,348.70	3	2,741.01	3	3,133.32	3	3,525.64
1/4	66.29	1/4	409.13	1/4	793.36	1/4	1,183.93	1/4	1,572.22	1/4	1,964.55	1/4	2,356.87	1/4	2,749.18	1/4	3,141.50	1/4	3,533.81
1/2	71.03	1/2	417.23	1/2	801.52	1/2	1,192.07	1/2	1,580.40	1/2	1,972.73	1/2	2,365.04	1/2	2,757.36	1/2	3,149.67	1/2	3,541.98
3/4	75.77	3/4	425.33	3/4	809.68	3/4	1,200.21	3/4	1,588.57	3/4	1,980.90	3/4	2,373.22	3/4	2,765.53	3/4	3,157.84	3/4	3,550.16
4	80.52	4	433.43	4	817.84	4	1,208.34	4	1,596.74	4	1,989.07	4	2,381.39	4	2,773.70	4	3,166.02	4	3,558.33
1/4	86.05	1/4	441.06	1/4	826.00	1/4	1,216.50	1/4	1,604.92	1/4	1,997.25	1/4	2,389.56	1/4	2,781.88	1/4	3,174.19	1/4	3,566.50
1/2	91.58	1/2	448.69	1/2	834.16	1/2	1,224.67	1/2	1,613.09	1/2	2,005.42	1/2	2,397.73	1/2	2,790.05	1/2	3,182.36	1/2	3,574.68
3/4	97.11	3/4	456.32	3/4	842.32	3/4	1,232.83	3/4	1,621.27	3/4	2,013.59	3/4	2,405.91	3/4	2,798.22	3/4	3,190.54	3/4	3,582.85
5	102.64	5	463.94	5	850.48	5	1,240.99	5	1,629.44	5	2,021.77	5	2,414.08	5	2,806.39	5	3,198.71	5	3,591.02
1/4	108.90	1/4	471.21	1/4	858.63	1/4	1,249.16	1/4	1,637.61	1/4	2,029.94	1/4	2,422.25	1/4	2,814.57	1/4	3,206.88	1/4	3,599.20
1/2	115.15	1/2	478.47	1/2	866.79	1/2	1,257.34	1/2	1,645.79	1/2	2,038.11	1/2	2,430.43	1/2	2,822.74	1/2	3,215.05	1/2	3,607.37
3/4	121.41	3/4	485.74	3/4	874.94	3/4	1,265.51	3/4	1,653.96	3/4	2,046.29	3/4	2,438.60	3/4	2,830.91	3/4	3,223.23	3/4	3,615.54
6	127.66	6	493.00	6	883.10	6	1,273.68	6	1,662.13	6	2,054.46	6	2,446.77	6	2,839.09	6	3,231.40	6	3,623.71
1/4	134.22	1/4	500.75	1/4	891.23	1/4	1,281.86	1/4	1,670.31	1/4	2,062.63	1/4	2,454.95	1/4	2,847.26	1/4	3,239.57	1/4	3,631.45
1/2	140.78	1/2	508.50	1/2	899.37	1/2	1,290.03	1/2	1,678.48	1/2	2,070.81	1/2	2,463.12	1/2	2,855.43	1/2	3,247.75	1/2	3,639.18
3/4	147.34	3/4	516.25	3/4	907.50	3/4	1,298.21	3/4	1,686.65	3/4	2,078.98	3/4	2,471.29	3/4	2,863.61	3/4	3,255.92	3/4	3,646.92
7	153.90	7	524.00	7	915.63	7	1,306.38	7	1,694.83	7	2,087.15	7	2,479.47	7	2,871.78	7	3,264.09	7	3,654.65
1/4	160.77	1/4	532.18	1/4	923.76	1/4	1,314.55	1/4	1,703.00	1/4	2,095.33	1/4	2,487.64	1/4	2,879.95	1/4	3,272.27	1/4	3,659.29
1/2	167.64	1/2	540.35	1/2	931.89	1/2	1,322.73	1/2	1,711.17	1/2	2,103.50	1/2	2,495.81	1/2	2,888.13	1/2	3,280.44	1/2	3,663.93
3/4	174.52	3/4	548.53	3/4	940.02	3/4	1,330.90	3/4	1,719.35	3/4	2,111.67	3/4	2,503.99	3/4	2,896.30	3/4	3,288.61	3/4	3,668.57
8	181.39	8	556.70	8	948.15	8	1,339.08	8	1,727.52	8	2,119.85	8	2,512.16	8	2,904.47	8	3,296.79	8	3,673.21
1/4	188.57	1/4	564.87	1/4	956.28	1/4	1,347.23	1/4	1,735.69	1/4	2,128.02	1/4	2,520.33	1/4	2,912.65	1/4	3,304.96	1/4	3,677.85
1/2	195.75	1/2	573.04	1/2	964.41	1/2	1,355.38	1/2	1,743.87	1/2	2,136.19	1/2	2,528.51	1/2	2,920.82	1/2	3,313.13	1/2	3,682.49
3/4	202.93	3/4	581.22	3/4	972.54	3/4	1,363.54	3/4	1,752.04	3/4	2,144.37	3/4	2,536.68	3/4	2,928.99	3/4	3,321.31	3/4	3,687.13
9	210.10	9	589.39	9	980.67	9	1,371.69	9	1,760.21	9	2,152.54	9	2,544.85	9	2,937.17	9	3,329.48	9	3,691.77
1/4	217.58	1/4	597.55	1/4	988.80	1/4	1,379.70	1/4	1,768.39	1/4	2,160.71	1/4	2,553.03	1/4	2,945.34	1/4	3,337.65	1/4	3,696.41
1/2	225.05	1/2	605.71	1/2	996.93	1/2	1,387.72	1/2	1,776.56	1/2	2,168.89	1/2	2,561.20	1/2	2,953.51	1/2	3,345.83	1/2	3,701.04
3/4	232.53	3/4	613.87	3/4	1,005.06	3/4	1,395.73	3/4	1,784.74	3/4	2,177.06	3/4	2,569.37	3/4	2,961.69	3/4	3,354.00	3/4	3,705.68
10	240.00	10	622.03	10	1,013.19	10	1,403.74	10	1,792.91	10	2,185.23	10	2,577.55	10	2,969.86	10	3,362.17	10	3,710.32
1/4	247.77	1/4	630.19	1/4	1,021.32	1/4	1,411.75	1/4	1,801.08	1/4	2,193.40	1/4	2,585.72	1/4	2,978.03	1/4	3,370.35	1/4	3,714.96
1/2	255.54	1/2	638.34	1/2	1,029.45	1/2	1,419.76	1/2	1,809.26	1/2	2,201.58	1/2	2,593.89	1/2	2,986.21	1/2	3,378.52	1/2	3,719.60
3/4	263.30	3/4	646.50	3/4	1,037.58	3/4	1,427.78	3/4	1,817.43	3/4	2,209.75	3/4	2,602.06	3/4	2,994.38	3/4	3,386.69	3/4	3,724.24
11	271.07	11	654.66	11	1,045.71	11	1,435.79	11	1,825.60	11	2,217.92	11	2,610.24	11	3,002.55	11	3,394.87	11	3,728.88
1/4	279.11	1/4	662.82	1/4	1,053.84	1/4	1,443.80	1/4	1,833.78	1/4	2,226.10	1/4	2,618.41	1/4	3,010.72	1/4	3,403.04	1/4	3,733.52
1/2	287.16	1/2	670.98	1/2	1,061.97	1/2	1,451.81	1/2	1,841.95	1/2	2,234.27	1/2	2,626.58	1/2	3,018.90	1/2	3,411.21	1/2	3,738.16
3/4	295.20	3/4	679.14	3/4	1,070.10	3/4	1,459.82	3/4	1,850.12	3/4	2,242.44	3/4	2,634.76	3/4	3,027.07	3/4	3,419.38	3/4	3,742.80

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 TAKEN AT 2" DIAMETER STANDPIPE.
 GAUGE POINT: (2" STANDPIPE) LOCATED 12'-10" OFF CENTERLINE AND 50'-11" 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 30719B"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,747.44	0	3,969.13	0	4,181.14	0	4,377.88	0		0		0		0		0		0	
1/4	3,752.08	1/4	3,973.66	1/4	4,185.35	1/4	4,381.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,756.72	1/2	3,978.19	1/2	4,189.56	1/2	4,385.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,761.36	3/4	3,982.72	3/4	4,193.76	3/4	4,390.01	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,766.00	1	3,987.25	1	4,197.97	1	4,394.06	1		1		1		1		1		1	
1/4	3,770.64	1/4	3,991.76	1/4	4,202.16	1/4	4,398.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,775.28	1/2	3,996.27	1/2	4,206.35	1/2	4,403.17	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,779.91	3/4	4,000.79	3/4	4,210.54	3/4	4,407.72	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,784.55	2	4,005.30	2	4,214.72	2	4,412.28	2		2		2		2		2		2	
1/4	3,789.19	1/4	4,009.79	1/4	4,218.89	1/4	4,416.83	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,793.83	1/2	4,014.28	1/2	4,223.06	1/2	4,421.39	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,798.47	3/4	4,018.77	3/4	4,227.23	3/4	4,425.94	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,803.11	3	4,023.26	3	4,231.40	3	4,430.50	3		3		3		3		3		3	
1/4	3,807.75	1/4	4,027.73	1/4	4,235.54	1/4	4,435.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,812.39	1/2	4,032.20	1/2	4,239.69	1/2	4,439.61	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,817.03	3/4	4,036.67	3/4	4,243.84	3/4	4,444.16	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,821.67	4	4,041.14	4	4,247.99	4	4,448.72	4		4		4		4		4		4	
1/4	3,826.31	1/4	4,045.59	1/4	4,252.12	1/4	4,453.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,830.95	1/2	4,050.04	1/2	4,256.25	1/2	4,457.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,835.59	3/4	4,054.49	3/4	4,260.37	3/4	4,462.38	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,840.23	5	4,058.95	5	4,264.50	5	4,466.93	5		5		5		5		5		5	
1/4	3,844.87	1/4	4,063.38	1/4	4,268.61	1/4	4,471.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,849.51	1/2	4,067.81	1/2	4,272.72	1/2	4,475.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,854.15	3/4	4,072.24	3/4	4,276.83	3/4	4,480.09	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,858.78	6	4,076.67	6	4,280.94	6	4,484.47	6		6		6		6		6		6	
1/4	3,863.42	1/4	4,081.08	1/4	4,285.03	1/4	4,487.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,868.06	1/2	4,085.49	1/2	4,289.11	1/2	4,491.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,872.70	3/4	4,089.90	3/4	4,293.20	3/4	4,494.87	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,877.34	7	4,094.31	7	4,297.29	7	4,498.33	7		7		7		7		7		7	
1/4	3,881.97	1/4	4,098.71	1/4	4,301.36	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,886.60	1/2	4,103.10	1/2	4,305.43	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,891.23	3/4	4,107.49	3/4	4,309.50	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,895.85	8	4,111.88	8	4,313.57	8		8		8		8		8		8		8	
1/4	3,900.46	1/4	4,116.25	1/4	4,317.62	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,905.07	1/2	4,120.62	1/2	4,321.67	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,909.68	3/4	4,125.00	3/4	4,325.72	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,914.29	9	4,129.37	9	4,329.76	9		9		9		9		9		9		9	
1/4	3,918.88	1/4	4,133.72	1/4	4,333.79	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,923.47	1/2	4,138.07	1/2	4,337.82	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,928.06	3/4	4,142.42	3/4	4,341.85	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,932.65	10	4,146.77	10	4,345.88	10		10		10		10		10		10		10	
1/4	3,937.22	1/4	4,151.10	1/4	4,349.89	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,941.79	1/2	4,155.43	1/2	4,353.90	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,946.36	3/4	4,159.76	3/4	4,357.91	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,950.93	11	4,164.08	11	4,361.92	11		11		11		11		11		11		11	
1/4	3,955.48	1/4	4,168.35	1/4	4,365.91	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,960.03	1/2	4,172.61	1/2	4,369.90	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,964.58	3/4	4,176.88	3/4	4,373.89	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/05/2005 PMA
RECOMPUTED: 02/05/2020 SW
REPRINTED: 02/05/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2020

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



BARGE "KIRBY 30719B"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. 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	2,328	0	4,656	0	6,984	0	9,312	0	11,640	0	13,968	0		0			0
1/4	49	1/4	2,377	1/4	4,705	1/4	7,033	1/4	9,361	1/4	11,689	1/4	14,017	1/4		1/4			1/4
1/2	97	1/2	2,425	1/2	4,753	1/2	7,081	1/2	9,409	1/2	11,737	1/2	14,065	1/2		1/2			1/2
3/4	146	3/4	2,474	3/4	4,802	3/4	7,130	3/4	9,458	3/4	11,786	3/4	14,114	3/4		3/4			3/4
1	194	1	2,522	1	4,850	1	7,178	1	9,506	1	11,834	1	14,162	1		1			1
1/4	243	1/4	2,571	1/4	4,899	1/4	7,227	1/4	9,555	1/4	11,883	1/4	14,211	1/4		1/4			1/4
1/2	291	1/2	2,619	1/2	4,947	1/2	7,275	1/2	9,603	1/2	11,931	1/2	14,259	1/2		1/2			1/2
3/4	340	3/4	2,668	3/4	4,996	3/4	7,324	3/4	9,652	3/4	11,980	3/4	14,308	3/4		3/4			3/4
2	388	2	2,716	2	5,044	2	7,372	2	9,700	2	12,028	2	14,356	2		2			2
1/4	437	1/4	2,765	1/4	5,093	1/4	7,421	1/4	9,749	1/4	12,077	1/4	14,405	1/4		1/4			1/4
1/2	485	1/2	2,813	1/2	5,141	1/2	7,469	1/2	9,797	1/2	12,125	1/2	14,453	1/2		1/2			1/2
3/4	534	3/4	2,862	3/4	5,190	3/4	7,518	3/4	9,846	3/4	12,174	3/4		3/4		3/4			3/4
3	582	3	2,910	3	5,238	3	7,566	3	9,894	3	12,222	3		3		3			3
1/4	631	1/4	2,959	1/4	5,287	1/4	7,615	1/4	9,943	1/4	12,271	1/4		1/4		1/4			1/4
1/2	679	1/2	3,007	1/2	5,335	1/2	7,663	1/2	9,991	1/2	12,319	1/2		1/2		1/2			1/2
3/4	728	3/4	3,056	3/4	5,384	3/4	7,712	3/4	10,040	3/4	12,368	3/4		3/4		3/4			3/4
4	776	4	3,104	4	5,432	4	7,760	4	10,088	4	12,416	4		4		4			4
1/4	825	1/4	3,153	1/4	5,481	1/4	7,809	1/4	10,137	1/4	12,465	1/4		1/4		1/4			1/4
1/2	873	1/2	3,201	1/2	5,529	1/2	7,857	1/2	10,185	1/2	12,513	1/2		1/2		1/2			1/2
3/4	922	3/4	3,250	3/4	5,578	3/4	7,906	3/4	10,234	3/4	12,562	3/4		3/4		3/4			3/4
5	970	5	3,298	5	5,626	5	7,954	5	10,282	5	12,610	5		5		5			5
1/4	1,019	1/4	3,347	1/4	5,675	1/4	8,003	1/4	10,331	1/4	12,659	1/4		1/4		1/4			1/4
1/2	1,067	1/2	3,395	1/2	5,723	1/2	8,051	1/2	10,379	1/2	12,707	1/2		1/2		1/2			1/2
3/4	1,116	3/4	3,444	3/4	5,772	3/4	8,100	3/4	10,428	3/4	12,756	3/4		3/4		3/4			3/4
6	1,164	6	3,492	6	5,820	6	8,148	6	10,476	6	12,804	6		6		6			6
1/4	1,213	1/4	3,541	1/4	5,869	1/4	8,197	1/4	10,525	1/4	12,853	1/4		1/4		1/4			1/4
1/2	1,261	1/2	3,589	1/2	5,917	1/2	8,245	1/2	10,573	1/2	12,901	1/2		1/2		1/2			1/2
3/4	1,310	3/4	3,638	3/4	5,966	3/4	8,294	3/4	10,622	3/4	12,950	3/4		3/4		3/4			3/4
7	1,358	7	3,686	7	6,014	7	8,342	7	10,670	7	12,998	7		7		7			7
1/4	1,407	1/4	3,735	1/4	6,063	1/4	8,391	1/4	10,719	1/4	13,047	1/4		1/4		1/4			1/4
1/2	1,455	1/2	3,783	1/2	6,111	1/2	8,439	1/2	10,767	1/2	13,095	1/2		1/2		1/2			1/2
3/4	1,504	3/4	3,832	3/4	6,160	3/4	8,488	3/4	10,816	3/4	13,144	3/4		3/4		3/4			3/4
8	1,552	8	3,880	8	6,208	8	8,536	8	10,864	8	13,192	8		8		8			8
1/4	1,601	1/4	3,929	1/4	6,257	1/4	8,585	1/4	10,913	1/4	13,241	1/4		1/4		1/4			1/4
1/2	1,649	1/2	3,977	1/2	6,305	1/2	8,633	1/2	10,961	1/2	13,289	1/2		1/2		1/2			1/2
3/4	1,698	3/4	4,026	3/4	6,354	3/4	8,682	3/4	11,010	3/4	13,338	3/4		3/4		3/4			3/4
9	1,746	9	4,074	9	6,402	9	8,730	9	11,058	9	13,386	9		9		9			9
1/4	1,795	1/4	4,123	1/4	6,451	1/4	8,779	1/4	11,107	1/4	13,435	1/4		1/4		1/4			1/4
1/2	1,843	1/2	4,171	1/2	6,499	1/2	8,827	1/2	11,155	1/2	13,483	1/2		1/2		1/2			1/2
3/4	1,892	3/4	4,220	3/4	6,548	3/4	8,876	3/4	11,204	3/4	13,532	3/4		3/4		3/4			3/4
10	1,940	10	4,268	10	6,596	10	8,924	10	11,252	10	13,580	10		10		10			10
1/4	1,989	1/4	4,317	1/4	6,645	1/4	8,973	1/4	11,301	1/4	13,629	1/4		1/4		1/4			1/4
1/2	2,037	1/2	4,365	1/2	6,693	1/2	9,021	1/2	11,349	1/2	13,677	1/2		1/2		1/2			1/2
3/4	2,086	3/4	4,414	3/4	6,742	3/4	9,070	3/4	11,398	3/4	13,726	3/4		3/4		3/4			3/4
11	2,134	11	4,462	11	6,790	11	9,118	11	11,446	11	13,774	11		11		11			11
1/4	2,183	1/4	4,511	1/4	6,839	1/4	9,167	1/4	11,495	1/4	13,823	1/4		1/4		1/4			1/4
1/2	2,231	1/2	4,559	1/2	6,887	1/2	9,215	1/2	11,543	1/2	13,871	1/2		1/2		1/2			1/2
3/4	2,280	3/4	4,608	3/4	6,936	3/4	9,264	3/4	11,592	3/4	13,920	3/4		3/4		3/4			3/4

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

STRAPPED: 02/05/2020 JS
CALCULATED: 02/05/2020 CL
ISSUED: 02/05/2020 CL

PRECISION MEASUREMENT
& ANALYSIS, INC.

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2020

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