



BARGE "KIRBY 16811"

PORT HORIZONTAL INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 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	0.43	0	162.94	0	453.89	0	819.10	0	1,235.61	0	1,687.79	0	2,163.19	0	2,650.94	0	3,140.82	0	3,622.78
1/4	1.41	1/4	168.08	1/4	460.88	1/4	827.35	1/4	1,244.73	1/4	1,697.51	1/4	2,173.27	1/4	2,661.16	1/4	3,150.98	1/4	3,632.65
1/2	2.39	1/2	173.22	1/2	467.88	1/2	835.60	1/2	1,253.86	1/2	1,707.23	1/2	2,183.35	1/2	2,671.38	1/2	3,161.13	1/2	3,642.52
3/4	3.38	3/4	178.36	3/4	474.88	3/4	843.85	3/4	1,262.98	3/4	1,716.95	3/4	2,193.43	3/4	2,681.60	3/4	3,171.28	3/4	3,652.39
1	4.36	1	183.50	1	481.88	1	852.10	1	1,272.11	1	1,726.67	1	2,203.51	1	2,691.82	1	3,181.43	1	3,662.26
1/4	6.15	1/4	188.83	1/4	489.00	1/4	860.43	1/4	1,281.30	1/4	1,736.43	1/4	2,213.61	1/4	2,702.04	1/4	3,191.57	1/4	3,672.10
1/2	7.95	1/2	194.16	1/2	496.12	1/2	868.77	1/2	1,290.48	1/2	1,746.19	1/2	2,223.71	1/2	2,712.26	1/2	3,201.70	1/2	3,681.93
3/4	9.74	3/4	199.50	3/4	503.24	3/4	877.10	3/4	1,299.67	3/4	1,755.95	3/4	2,233.81	3/4	2,722.49	3/4	3,211.84	3/4	3,691.77
2	11.54	2	204.83	2	510.36	2	885.44	2	1,308.85	2	1,765.72	2	2,243.91	2	2,732.71	2	3,221.98	2	3,701.61
1/4	13.86	1/4	210.34	1/4	517.60	1/4	893.85	1/4	1,318.10	1/4	1,775.51	1/4	2,254.03	1/4	2,742.93	1/4	3,232.10	1/4	3,711.41
1/2	16.19	1/2	215.86	1/2	524.84	1/2	902.27	1/2	1,327.34	1/2	1,785.31	1/2	2,264.14	1/2	2,753.15	1/2	3,242.22	1/2	3,721.21
3/4	18.51	3/4	221.37	3/4	532.08	3/4	910.69	3/4	1,336.59	3/4	1,795.11	3/4	2,274.26	3/4	2,763.38	3/4	3,252.34	3/4	3,731.01
3	20.84	3	226.88	3	539.32	3	919.11	3	1,345.83	3	1,804.90	3	2,284.38	3	2,773.60	3	3,262.45	3	3,740.81
1/4	23.59	1/4	232.57	1/4	546.68	1/4	927.61	1/4	1,355.13	1/4	1,814.74	1/4	2,294.51	1/4	2,783.82	1/4	3,272.56	1/4	3,750.58
1/2	26.35	1/2	238.26	1/2	554.03	1/2	936.10	1/2	1,364.43	1/2	1,824.57	1/2	2,304.65	1/2	2,794.04	1/2	3,282.66	1/2	3,760.34
3/4	29.10	3/4	243.95	3/4	561.39	3/4	944.60	3/4	1,373.73	3/4	1,834.40	3/4	2,314.78	3/4	2,804.27	3/4	3,292.76	3/4	3,770.11
4	31.85	4	249.64	4	568.74	4	953.10	4	1,383.03	4	1,844.23	4	2,324.92	4	2,814.49	4	3,302.86	4	3,779.87
1/4	34.97	1/4	255.50	1/4	576.21	1/4	961.68	1/4	1,392.38	1/4	1,854.10	1/4	2,335.07	1/4	2,824.71	1/4	3,312.94	1/4	3,789.60
1/2	38.09	1/2	261.36	1/2	583.67	1/2	970.25	1/2	1,401.73	1/2	1,863.97	1/2	2,345.22	1/2	2,834.93	1/2	3,323.02	1/2	3,799.33
3/4	41.22	3/4	267.21	3/4	591.14	3/4	978.83	3/4	1,411.09	3/4	1,873.83	3/4	2,355.37	3/4	2,845.15	3/4	3,333.11	3/4	3,809.05
5	44.34	5	273.07	5	598.61	5	987.41	5	1,420.44	5	1,883.70	5	2,365.52	5	2,855.37	5	3,343.19	5	3,818.78
1/4	47.78	1/4	279.09	1/4	606.18	1/4	996.06	1/4	1,429.85	1/4	1,893.60	1/4	2,375.68	1/4	2,865.59	1/4	3,353.25	1/4	3,828.47
1/2	51.23	1/2	285.11	1/2	613.76	1/2	1,004.71	1/2	1,439.25	1/2	1,903.50	1/2	2,385.84	1/2	2,875.81	1/2	3,363.31	1/2	3,838.15
3/4	54.68	3/4	291.12	3/4	621.33	3/4	1,013.37	3/4	1,448.66	3/4	1,913.39	3/4	2,396.01	3/4	2,886.02	3/4	3,373.37	3/4	3,847.84
6	58.13	6	297.14	6	628.90	6	1,022.02	6	1,458.06	6	1,923.29	6	2,406.17	6	2,896.24	6	3,383.43	6	3,857.53
1/4	61.87	1/4	303.32	1/4	636.58	1/4	1,030.75	1/4	1,467.52	1/4	1,933.22	1/4	2,416.35	1/4	2,906.45	1/4	3,393.47	1/4	3,867.17
1/2	65.61	1/2	309.49	1/2	644.26	1/2	1,039.47	1/2	1,476.98	1/2	1,943.15	1/2	2,426.52	1/2	2,916.66	1/2	3,403.51	1/2	3,876.82
3/4	69.36	3/4	315.66	3/4	651.94	3/4	1,048.20	3/4	1,486.43	3/4	1,953.08	3/4	2,436.70	3/4	2,926.88	3/4	3,413.55	3/4	3,886.46
7	73.10	7	321.84	7	659.62	7	1,056.93	7	1,495.89	7	1,963.01	7	2,446.87	7	2,937.09	7	3,423.58	7	3,896.11
1/4	77.11	1/4	328.16	1/4	667.40	1/4	1,065.73	1/4	1,505.39	1/4	1,972.96	1/4	2,457.06	1/4	2,947.29	1/4	3,433.60	1/4	3,905.71
1/2	81.13	1/2	334.48	1/2	675.19	1/2	1,074.53	1/2	1,514.90	1/2	1,982.92	1/2	2,467.25	1/2	2,957.50	1/2	3,443.61	1/2	3,915.31
3/4	85.15	3/4	340.81	3/4	682.97	3/4	1,083.32	3/4	1,524.40	3/4	1,992.88	3/4	2,477.44	3/4	2,967.70	3/4	3,453.63	3/4	3,924.92
8	89.16	8	347.13	8	690.75	8	1,092.12	8	1,533.91	8	2,002.84	8	2,487.62	8	2,977.91	8	3,463.64	8	3,934.52
1/4	93.43	1/4	353.60	1/4	698.63	1/4	1,100.99	1/4	1,543.46	1/4	2,012.82	1/4	2,497.82	1/4	2,988.11	1/4	3,473.63	1/4	3,944.08
1/2	97.70	1/2	360.06	1/2	706.51	1/2	1,109.86	1/2	1,553.01	1/2	2,022.81	1/2	2,508.02	1/2	2,998.30	1/2	3,483.62	1/2	3,953.63
3/4	101.97	3/4	366.53	3/4	714.39	3/4	1,118.73	3/4	1,562.56	3/4	2,032.79	3/4	2,518.21	3/4	3,008.50	3/4	3,493.61	3/4	3,963.19
9	106.24	9	373.00	9	722.27	9	1,127.60	9	1,572.11	9	2,042.78	9	2,528.41	9	3,018.70	9	3,503.59	9	3,972.75
1/4	110.74	1/4	379.61	1/4	730.25	1/4	1,136.53	1/4	1,581.71	1/4	2,052.79	1/4	2,538.61	1/4	3,028.89	1/4	3,513.56	1/4	3,982.26
1/2	115.25	1/2	386.21	1/2	738.22	1/2	1,145.47	1/2	1,591.30	1/2	2,062.80	1/2	2,548.82	1/2	3,039.08	1/2	3,523.52	1/2	3,991.77
3/4	119.76	3/4	392.82	3/4	746.20	3/4	1,154.40	3/4	1,600.90	3/4	2,072.81	3/4	2,559.02	3/4	3,049.26	3/4	3,533.48	3/4	4,001.28
10	124.26	10	399.43	10	754.18	10	1,163.34	10	1,610.50	10	2,082.82	10	2,569.23	10	3,059.45	10	3,543.44	10	4,010.79
1/4	128.99	1/4	406.17	1/4	762.25	1/4	1,172.34	1/4	1,620.14	1/4	2,092.86	1/4	2,579.44	1/4	3,069.63	1/4	3,553.37	1/4	4,020.25
1/2	133.72	1/2	412.91	1/2	770.32	1/2	1,181.34	1/2	1,629.78	1/2	2,102.89	1/2	2,589.65	1/2	3,079.81	1/2	3,563.30	1/2	4,029.71
3/4	138.45	3/4	419.65	3/4	778.39	3/4	1,190.34	3/4	1,639.42	3/4	2,112.93	3/4	2,599.86	3/4	3,089.99	3/4	3,573.24	3/4	4,039.18
11	143.18	11	426.40	11	786.46	11	1,199.35	11	1,649.06	11	2,122.96	11	2,610.07	11	3,100.16	11	3,583.17	11	4,048.64
1/4	148.12	1/4	433.27	1/4	794.62	1/4	1,208.41	1/4	1,658.74	1/4	2,133.02	1/4	2,620.29	1/4	3,110.33	1/4	3,593.07	1/4	4,058.05
1/2	153.06	1/2	440.14	1/2	802.78	1/2	1,217.48	1/2	1,668.42	1/2	2,143.08	1/2	2,630.51	1/2	3,120.49	1/2	3,602.97	1/2	4,067.46
3/4	158.00	3/4	447.01	3/4	810.94	3/4	1,226.54	3/4	1,678.10	3/4	2,153.14	3/4	2,640.72	3/4	3,130.66	3/4	3,612.88	3/4	4,076.87

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.2E.
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.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 16811"

PORT HORIZONTAL INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	4,086.29	0	4,519.70	0	4,909.05	0	5,235.38	0	5,464.06	0		0		0		0		0	
1/4	4,095.65	1/4	4,528.29	1/4	4,916.53	1/4	5,241.25	1/4	5,467.22	1/4		1/4		1/4		1/4		1/4	
1/2	4,105.01	1/2	4,536.87	1/2	4,924.01	1/2	5,247.13	1/2	5,470.39	1/2		1/2		1/2		1/2		1/2	
3/4	4,114.37	3/4	4,545.46	3/4	4,931.49	3/4	5,253.01	3/4	5,473.55	3/4		3/4		3/4		3/4		3/4	
1	4,123.73	1	4,554.05	1	4,938.97	1	5,258.89	1	5,476.72	1		1		1		1		1	
1/4	4,133.03	1/4	4,562.56	1/4	4,946.34	1/4	5,264.60	1/4	5,479.52	1/4		1/4		1/4		1/4		1/4	
1/2	4,142.34	1/2	4,571.06	1/2	4,953.71	1/2	5,270.31	1/2	5,482.32	1/2		1/2		1/2		1/2		1/2	
3/4	4,151.65	3/4	4,579.57	3/4	4,961.07	3/4	5,276.02	3/4	5,485.12	3/4		3/4		3/4		3/4		3/4	
2	4,160.95	2	4,588.08	2	4,968.44	2	5,281.73	2	5,487.92	2		2		2		2		2	
1/4	4,170.20	1/4	4,596.51	1/4	4,975.70	1/4	5,287.26	1/4	5,490.31	1/4		1/4		1/4		1/4		1/4	
1/2	4,179.45	1/2	4,604.94	1/2	4,982.95	1/2	5,292.80	1/2	5,492.69	1/2		1/2		1/2		1/2		1/2	
3/4	4,188.70	3/4	4,613.36	3/4	4,990.21	3/4	5,298.34	3/4	5,495.07	3/4		3/4		3/4		3/4		3/4	
3	4,197.95	3	4,621.79	3	4,997.46	3	5,303.87	3	5,497.46	3		3		3		3		3	
1/4	4,207.15	1/4	4,630.14	1/4	5,004.60	1/4	5,309.20	1/4	5,499.33	1/4		1/4		1/4		1/4		1/4	
1/2	4,216.34	1/2	4,638.48	1/2	5,011.73	1/2	5,314.53	1/2	5,501.20	1/2		1/2		1/2		1/2		1/2	
3/4	4,225.53	3/4	4,646.83	3/4	5,018.87	3/4	5,319.86	3/4	5,503.07	3/4		3/4		3/4		3/4		3/4	
4	4,234.73	4	4,655.17	4	5,026.00	4	5,325.19	4	5,504.94	4		4		4		4		4	
1/4	4,243.86	1/4	4,663.43	1/4	5,033.02	1/4	5,330.25	1/4	5,506.07	1/4		1/4		1/4		1/4		1/4	
1/2	4,253.00	1/2	4,671.69	1/2	5,040.03	1/2	5,335.31	1/2	5,507.19	1/2		1/2		1/2		1/2		1/2	
3/4	4,262.13	3/4	4,679.95	3/4	5,047.05	3/4	5,340.37	3/4	5,508.32	3/4		3/4		3/4		3/4		3/4	
5	4,271.26	5	4,688.21	5	5,054.06	5	5,345.43	5	5,509.45	5		5		5		5		5	
1/4	4,280.34	1/4	4,696.38	1/4	5,060.95	1/4	5,350.30	1/8	5,509.85	1/4		1/4		1/4		1/4		1/4	
1/2	4,289.41	1/2	4,704.56	1/2	5,067.84	1/2	5,355.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,298.48	3/4	4,712.73	3/4	5,074.73	3/4	5,360.02	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,307.55	6	4,720.90	6	5,081.62	6	5,364.88	6		6		6		6		6		6	
1/4	4,316.56	1/4	4,728.98	1/4	5,088.37	1/4	5,369.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,325.57	1/2	4,737.06	1/2	5,095.13	1/2	5,374.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,334.58	3/4	4,745.14	3/4	5,101.89	3/4	5,378.83	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,343.59	7	4,753.23	7	5,108.65	7	5,383.48	7		7		7		7		7		7	
1/4	4,352.54	1/4	4,761.21	1/4	5,115.27	1/4	5,388.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,361.48	1/2	4,769.20	1/2	5,121.90	1/2	5,392.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,370.42	3/4	4,777.19	3/4	5,128.52	3/4	5,397.09	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,379.37	8	4,785.18	8	5,135.15	8	5,401.62	8		8		8		8		8		8	
1/4	4,388.25	1/4	4,793.07	1/4	5,141.63	1/4	5,405.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,397.12	1/2	4,800.97	1/2	5,148.12	1/2	5,410.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,406.00	3/4	4,808.86	3/4	5,154.60	3/4	5,414.52	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,414.88	9	4,816.75	9	5,161.09	9	5,418.81	9		9		9		9		9		9	
1/4	4,423.68	1/4	4,824.55	1/4	5,167.43	1/4	5,422.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,432.49	1/2	4,832.34	1/2	5,173.77	1/2	5,426.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,441.30	3/4	4,840.13	3/4	5,180.11	3/4	5,430.96	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,450.11	10	4,847.93	10	5,186.45	10	5,435.01	10		10		10		10		10		10	
1/4	4,458.84	1/4	4,855.62	1/4	5,192.65	1/4	5,438.78	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,467.58	1/2	4,863.31	1/2	5,198.84	1/2	5,442.56	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,476.31	3/4	4,871.00	3/4	5,205.03	3/4	5,446.34	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,485.05	11	4,878.70	11	5,211.22	11	5,450.12	11		11		11		11		11		11	
1/4	4,493.71	1/4	4,886.28	1/4	5,217.26	1/4	5,453.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,502.38	1/2	4,893.87	1/2	5,223.30	1/2	5,457.09	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,511.04	3/4	4,901.46	3/4	5,229.34	3/4	5,460.58	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/14/2009 SW - GA
CALCULATED: 07/15/2009 CL
VERIFIED: 02/08/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

PRECISION MEASUREMENT
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CENTER HORIZONTAL INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 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	0.43	0	162.92	0	453.84	0	819.02	0	1,235.48	0	1,687.61	0	2,162.97	0	2,650.66	0	3,140.49	0	3,622.40
1/4	1.41	1/4	168.06	1/4	460.84	1/4	827.27	1/4	1,244.60	1/4	1,697.33	1/4	2,173.05	1/4	2,660.88	1/4	3,150.64	1/4	3,632.27
1/2	2.39	1/2	173.20	1/2	467.84	1/2	835.51	1/2	1,253.73	1/2	1,707.05	1/2	2,183.13	1/2	2,671.10	1/2	3,160.80	1/2	3,642.14
3/4	3.38	3/4	178.34	3/4	474.83	3/4	843.76	3/4	1,262.85	3/4	1,716.77	3/4	2,193.20	3/4	2,681.32	3/4	3,170.95	3/4	3,652.00
1	4.36	1	183.48	1	481.83	1	852.01	1	1,271.98	1	1,726.49	1	2,203.28	1	2,691.54	1	3,181.10	1	3,661.87
1/4	6.15	1/4	188.81	1/4	488.95	1/4	860.34	1/4	1,281.16	1/4	1,736.25	1/4	2,213.38	1/4	2,701.76	1/4	3,191.23	1/4	3,671.71
1/2	7.95	1/2	194.15	1/2	496.07	1/2	868.68	1/2	1,290.35	1/2	1,746.01	1/2	2,223.48	1/2	2,711.98	1/2	3,201.37	1/2	3,681.54
3/4	9.74	3/4	199.48	3/4	503.19	3/4	877.01	3/4	1,299.53	3/4	1,755.77	3/4	2,233.58	3/4	2,722.20	3/4	3,211.50	3/4	3,691.38
2	11.54	2	204.81	2	510.31	2	885.34	2	1,308.72	2	1,765.53	2	2,243.67	2	2,732.42	2	3,221.64	2	3,701.22
1/4	13.86	1/4	210.32	1/4	517.55	1/4	893.76	1/4	1,317.96	1/4	1,775.33	1/4	2,253.79	1/4	2,742.64	1/4	3,231.76	1/4	3,711.02
1/2	16.19	1/2	215.83	1/2	524.79	1/2	902.18	1/2	1,327.20	1/2	1,785.12	1/2	2,263.91	1/2	2,752.86	1/2	3,241.87	1/2	3,720.82
3/4	18.51	3/4	221.35	3/4	532.03	3/4	910.60	3/4	1,336.45	3/4	1,794.92	3/4	2,274.02	3/4	2,763.09	3/4	3,251.99	3/4	3,730.62
3	20.84	3	226.86	3	539.27	3	919.01	3	1,345.69	3	1,804.72	3	2,284.14	3	2,773.31	3	3,262.11	3	3,740.42
1/4	23.59	1/4	232.55	1/4	546.62	1/4	927.51	1/4	1,354.99	1/4	1,814.55	1/4	2,294.27	1/4	2,783.53	1/4	3,272.21	1/4	3,750.18
1/2	26.35	1/2	238.24	1/2	553.98	1/2	936.01	1/2	1,364.29	1/2	1,824.38	1/2	2,304.41	1/2	2,793.75	1/2	3,282.31	1/2	3,759.95
3/4	29.10	3/4	243.93	3/4	561.33	3/4	944.51	3/4	1,373.59	3/4	1,834.21	3/4	2,314.54	3/4	2,803.97	3/4	3,292.41	3/4	3,769.71
4	31.85	4	249.62	4	568.68	4	953.00	4	1,382.88	4	1,844.04	4	2,324.67	4	2,814.19	4	3,302.51	4	3,779.48
1/4	34.97	1/4	255.47	1/4	576.15	1/4	961.58	1/4	1,392.24	1/4	1,853.91	1/4	2,334.82	1/4	2,824.41	1/4	3,312.59	1/4	3,789.20
1/2	38.09	1/2	261.33	1/2	583.62	1/2	970.15	1/2	1,401.59	1/2	1,863.77	1/2	2,344.97	1/2	2,834.63	1/2	3,322.68	1/2	3,798.93
3/4	41.21	3/4	267.19	3/4	591.08	3/4	978.73	3/4	1,410.94	3/4	1,873.64	3/4	2,355.12	3/4	2,844.85	3/4	3,332.76	3/4	3,808.65
5	44.33	5	273.04	5	598.55	5	987.31	5	1,420.29	5	1,883.50	5	2,365.27	5	2,855.07	5	3,342.84	5	3,818.38
1/4	47.78	1/4	279.06	1/4	606.12	1/4	995.96	1/4	1,429.70	1/4	1,893.40	1/4	2,375.43	1/4	2,865.29	1/4	3,352.90	1/4	3,828.07
1/2	51.23	1/2	285.08	1/2	613.69	1/2	1,004.61	1/2	1,439.10	1/2	1,903.30	1/2	2,385.59	1/2	2,875.50	1/2	3,362.96	1/2	3,837.75
3/4	54.67	3/4	291.10	3/4	621.27	3/4	1,013.26	3/4	1,448.51	3/4	1,913.19	3/4	2,395.76	3/4	2,885.72	3/4	3,373.02	3/4	3,847.44
6	58.12	6	297.11	6	628.84	6	1,021.92	6	1,457.91	6	1,923.09	6	2,405.92	6	2,895.94	6	3,383.08	6	3,857.12
1/4	61.86	1/4	303.29	1/4	636.52	1/4	1,030.64	1/4	1,467.37	1/4	1,933.02	1/4	2,416.09	1/4	2,906.15	1/4	3,393.11	1/4	3,866.77
1/2	65.61	1/2	309.46	1/2	644.20	1/2	1,039.37	1/2	1,476.82	1/2	1,942.95	1/2	2,426.27	1/2	2,916.36	1/2	3,403.15	1/2	3,876.41
3/4	69.35	3/4	315.63	3/4	651.88	3/4	1,048.09	3/4	1,486.28	3/4	1,952.87	3/4	2,436.44	3/4	2,926.57	3/4	3,413.19	3/4	3,886.06
7	73.09	7	321.80	7	659.56	7	1,056.82	7	1,495.73	7	1,962.80	7	2,446.62	7	2,936.78	7	3,423.23	7	3,895.70
1/4	77.11	1/4	328.13	1/4	667.34	1/4	1,065.62	1/4	1,505.24	1/4	1,972.76	1/4	2,456.80	1/4	2,946.98	1/4	3,433.24	1/4	3,905.30
1/2	81.12	1/2	334.45	1/2	675.12	1/2	1,074.42	1/2	1,514.74	1/2	1,982.72	1/2	2,466.99	1/2	2,957.19	1/2	3,443.25	1/2	3,914.90
3/4	85.14	3/4	340.77	3/4	682.90	3/4	1,083.21	3/4	1,524.24	3/4	1,992.67	3/4	2,477.18	3/4	2,967.39	3/4	3,453.26	3/4	3,924.50
8	89.15	8	347.09	8	690.68	8	1,092.01	8	1,533.75	8	2,002.63	8	2,487.36	8	2,977.60	8	3,463.28	8	3,934.10
1/4	93.42	1/4	353.56	1/4	698.56	1/4	1,100.88	1/4	1,543.30	1/4	2,012.61	1/4	2,497.56	1/4	2,987.79	1/4	3,473.26	1/4	3,943.66
1/2	97.69	1/2	360.03	1/2	706.44	1/2	1,109.75	1/2	1,552.85	1/2	2,022.60	1/2	2,507.75	1/2	2,997.99	1/2	3,483.25	1/2	3,953.22
3/4	101.96	3/4	366.50	3/4	714.32	3/4	1,118.61	3/4	1,562.40	3/4	2,032.58	3/4	2,517.95	3/4	3,008.19	3/4	3,493.24	3/4	3,962.77
9	106.23	9	372.96	9	722.20	9	1,127.48	9	1,571.95	9	2,042.56	9	2,528.14	9	3,018.38	9	3,503.23	9	3,972.33
1/4	110.73	1/4	379.57	1/4	730.17	1/4	1,136.42	1/4	1,581.54	1/4	2,052.57	1/4	2,538.35	1/4	3,028.57	1/4	3,513.19	1/4	3,981.84
1/2	115.24	1/2	386.18	1/2	738.15	1/2	1,145.35	1/2	1,591.14	1/2	2,062.58	1/2	2,548.55	1/2	3,038.76	1/2	3,523.15	1/2	3,991.35
3/4	119.74	3/4	392.78	3/4	746.12	3/4	1,154.29	3/4	1,600.74	3/4	2,072.59	3/4	2,558.75	3/4	3,048.94	3/4	3,533.11	3/4	4,000.86
10	124.25	10	399.39	10	754.10	10	1,163.22	10	1,610.33	10	2,082.60	10	2,568.96	10	3,059.13	10	3,543.07	10	4,010.37
1/4	128.98	1/4	406.13	1/4	762.17	1/4	1,172.22	1/4	1,619.97	1/4	2,092.64	1/4	2,579.17	1/4	3,069.31	1/4	3,553.00	1/4	4,019.83
1/2	133.71	1/2	412.87	1/2	770.24	1/2	1,181.22	1/2	1,629.61	1/2	2,102.67	1/2	2,589.38	1/2	3,079.48	1/2	3,562.93	1/2	4,029.29
3/4	138.44	3/4	419.61	3/4	778.31	3/4	1,190.22	3/4	1,639.25	3/4	2,112.71	3/4	2,599.59	3/4	3,089.66	3/4	3,572.86	3/4	4,038.75
11	143.16	11	426.35	11	786.38	11	1,199.22	11	1,648.89	11	2,122.74	11	2,609.80	11	3,099.84	11	3,582.79	11	4,048.21
1/4	148.10	1/4	433.22	1/4	794.54	1/4	1,208.29	1/4	1,658.57	1/4	2,132.80	1/4	2,620.01	1/4	3,110.00	1/4	3,592.69	1/4	4,057.62
1/2	153.04	1/2	440.10	1/2	802.70	1/2	1,217.35	1/2	1,668.25	1/2	2,142.85	1/2	2,630.23	1/2	3,120.17	1/2	3,602.59	1/2	4,067.03
3/4	157.98	3/4	446.97	3/4	810.86	3/4	1,226.41	3/4	1,677.93	3/4	2,152.91	3/4	2,640.44	3/4	3,130.33	3/4	3,612.50	3/4	4,076.45

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.2E.
 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.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 16811"

CENTER HORIZONTAL INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	4,085.86	0	4,519.22	0	4,908.53	0	5,234.82	0	5,463.49	0		0		0		0		0	
1/4	4,095.22	1/4	4,527.81	1/4	4,916.01	1/4	5,240.70	1/4	5,466.65	1/4		1/4		1/4		1/4		1/4	
1/2	4,104.57	1/2	4,536.40	1/2	4,923.49	1/2	5,246.58	1/2	5,469.81	1/2		1/2		1/2		1/2		1/2	
3/4	4,113.93	3/4	4,544.98	3/4	4,930.97	3/4	5,252.45	3/4	5,472.98	3/4		3/4		3/4		3/4		3/4	
1	4,123.29	1	4,553.57	1	4,938.45	1	5,258.33	1	5,476.14	1		1		1		1		1	
1/4	4,132.60	1/4	4,562.08	1/4	4,945.82	1/4	5,264.04	1/4	5,478.94	1/4		1/4		1/4		1/4		1/4	
1/2	4,141.90	1/2	4,570.58	1/2	4,953.18	1/2	5,269.75	1/2	5,481.74	1/2		1/2		1/2		1/2		1/2	
3/4	4,151.21	3/4	4,579.09	3/4	4,960.55	3/4	5,275.46	3/4	5,484.54	3/4		3/4		3/4		3/4		3/4	
2	4,160.51	2	4,587.60	2	4,967.92	2	5,281.17	2	5,487.35	2		2		2		2		2	
1/4	4,169.76	1/4	4,596.02	1/4	4,975.17	1/4	5,286.71	1/4	5,489.73	1/4		1/4		1/4		1/4		1/4	
1/2	4,179.01	1/2	4,604.45	1/2	4,982.43	1/2	5,292.24	1/2	5,492.11	1/2		1/2		1/2		1/2		1/2	
3/4	4,188.26	3/4	4,612.88	3/4	4,989.68	3/4	5,297.78	3/4	5,494.50	3/4		3/4		3/4		3/4		3/4	
3	4,197.51	3	4,621.31	3	4,996.93	3	5,303.32	3	5,496.88	3		3		3		3		3	
1/4	4,206.71	1/4	4,629.65	1/4	5,004.07	1/4	5,308.64	1/4	5,498.75	1/4		1/4		1/4		1/4		1/4	
1/2	4,215.90	1/2	4,637.99	1/2	5,011.20	1/2	5,313.97	1/2	5,500.62	1/2		1/2		1/2		1/2		1/2	
3/4	4,225.09	3/4	4,646.34	3/4	5,018.34	3/4	5,319.30	3/4	5,502.49	3/4		3/4		3/4		3/4		3/4	
4	4,234.28	4	4,654.68	4	5,025.48	4	5,324.63	4	5,504.36	4		4		4		4		4	
1/4	4,243.42	1/4	4,662.94	1/4	5,032.49	1/4	5,329.69	1/4	5,505.49	1/4		1/4		1/4		1/4		1/4	
1/2	4,252.55	1/2	4,671.20	1/2	5,039.50	1/2	5,334.75	1/2	5,506.61	1/2		1/2		1/2		1/2		1/2	
3/4	4,261.68	3/4	4,679.46	3/4	5,046.52	3/4	5,339.81	3/4	5,507.74	3/4		3/4		3/4		3/4		3/4	
5	4,270.81	5	4,687.72	5	5,053.53	5	5,344.87	5	5,508.87	5		5		5		5		5	
1/4	4,279.89	1/4	4,695.89	1/4	5,060.42	1/4	5,349.73	1/8	5,509.36	1/4		1/4		1/4		1/4		1/4	
1/2	4,288.96	1/2	4,704.06	1/2	5,067.30	1/2	5,354.59	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,298.03	3/4	4,712.23	3/4	5,074.19	3/4	5,359.45	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,307.10	6	4,720.40	6	5,081.08	6	5,364.31	6		6		6		6		6		6	
1/4	4,316.11	1/4	4,728.48	1/4	5,087.84	1/4	5,368.97	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,325.12	1/2	4,736.56	1/2	5,094.60	1/2	5,373.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,334.13	3/4	4,744.65	3/4	5,101.35	3/4	5,378.27	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,343.13	7	4,752.73	7	5,108.11	7	5,382.92	7		7		7		7		7		7	
1/4	4,352.08	1/4	4,760.71	1/4	5,114.73	1/4	5,387.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,361.02	1/2	4,768.70	1/2	5,121.36	1/2	5,391.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,369.96	3/4	4,776.69	3/4	5,127.98	3/4	5,396.52	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,378.91	8	4,784.68	8	5,134.61	8	5,401.05	8		8		8		8		8		8	
1/4	4,387.78	1/4	4,792.57	1/4	5,141.09	1/4	5,405.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,396.66	1/2	4,800.46	1/2	5,147.57	1/2	5,409.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,405.54	3/4	4,808.35	3/4	5,154.06	3/4	5,413.95	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,414.41	9	4,816.24	9	5,160.54	9	5,418.25	9		9		9		9		9		9	
1/4	4,423.22	1/4	4,824.04	1/4	5,166.88	1/4	5,422.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,432.02	1/2	4,831.83	1/2	5,173.23	1/2	5,426.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,440.83	3/4	4,839.62	3/4	5,179.57	3/4	5,430.39	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,449.64	10	4,847.42	10	5,185.91	10	5,434.43	10		10		10		10		10		10	
1/4	4,458.37	1/4	4,855.11	1/4	5,192.10	1/4	5,438.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,467.11	1/2	4,862.80	1/2	5,198.29	1/2	5,441.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,475.84	3/4	4,870.49	3/4	5,204.48	3/4	5,445.77	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,484.58	11	4,878.18	11	5,210.68	11	5,449.55	11		11		11		11		11		11	
1/4	4,493.24	1/4	4,885.77	1/4	5,216.71	1/4	5,453.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,501.90	1/2	4,893.36	1/2	5,222.75	1/2	5,456.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,510.56	3/4	4,900.94	3/4	5,228.79	3/4	5,460.00	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/14/2009 SW - GA
CALCULATED: 07/15/2009 CL
VERIFIED: 02/08/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

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



BARGE "KIRBY 16811"

STBD HORIZONTAL INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 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	0.43	0	162.92	0	453.84	0	819.02	0	1,235.48	0	1,687.61	0	2,162.97	0	2,650.66	0	3,140.49	0	3,622.40
1/4	1.41	1/4	168.06	1/4	460.84	1/4	827.27	1/4	1,244.60	1/4	1,697.33	1/4	2,173.05	1/4	2,660.88	1/4	3,150.64	1/4	3,632.27
1/2	2.39	1/2	173.20	1/2	467.84	1/2	835.51	1/2	1,253.73	1/2	1,707.05	1/2	2,183.13	1/2	2,671.10	1/2	3,160.80	1/2	3,642.14
3/4	3.38	3/4	178.34	3/4	474.83	3/4	843.76	3/4	1,262.85	3/4	1,716.77	3/4	2,193.20	3/4	2,681.32	3/4	3,170.95	3/4	3,652.00
1	4.36	1	183.48	1	481.83	1	852.01	1	1,271.98	1	1,726.49	1	2,203.28	1	2,691.54	1	3,181.10	1	3,661.87
1/4	6.15	1/4	188.81	1/4	488.95	1/4	860.34	1/4	1,281.16	1/4	1,736.25	1/4	2,213.38	1/4	2,701.76	1/4	3,191.23	1/4	3,671.71
1/2	7.95	1/2	194.15	1/2	496.07	1/2	868.68	1/2	1,290.35	1/2	1,746.01	1/2	2,223.48	1/2	2,711.98	1/2	3,201.37	1/2	3,681.54
3/4	9.74	3/4	199.48	3/4	503.19	3/4	877.01	3/4	1,299.53	3/4	1,755.77	3/4	2,233.58	3/4	2,722.20	3/4	3,211.50	3/4	3,691.38
2	11.54	2	204.81	2	510.31	2	885.34	2	1,308.72	2	1,765.53	2	2,243.67	2	2,732.42	2	3,221.64	2	3,701.22
1/4	13.86	1/4	210.32	1/4	517.55	1/4	893.76	1/4	1,317.96	1/4	1,775.33	1/4	2,253.79	1/4	2,742.64	1/4	3,231.76	1/4	3,711.02
1/2	16.19	1/2	215.83	1/2	524.79	1/2	902.18	1/2	1,327.20	1/2	1,785.12	1/2	2,263.91	1/2	2,752.86	1/2	3,241.87	1/2	3,720.82
3/4	18.51	3/4	221.35	3/4	532.03	3/4	910.60	3/4	1,336.45	3/4	1,794.92	3/4	2,274.02	3/4	2,763.09	3/4	3,251.99	3/4	3,730.62
3	20.84	3	226.86	3	539.27	3	919.01	3	1,345.69	3	1,804.72	3	2,284.14	3	2,773.31	3	3,262.11	3	3,740.42
1/4	23.59	1/4	232.55	1/4	546.62	1/4	927.51	1/4	1,354.99	1/4	1,814.55	1/4	2,294.27	1/4	2,783.53	1/4	3,272.21	1/4	3,750.18
1/2	26.35	1/2	238.24	1/2	553.98	1/2	936.01	1/2	1,364.29	1/2	1,824.38	1/2	2,304.41	1/2	2,793.75	1/2	3,282.31	1/2	3,759.95
3/4	29.10	3/4	243.93	3/4	561.33	3/4	944.51	3/4	1,373.59	3/4	1,834.21	3/4	2,314.54	3/4	2,803.97	3/4	3,292.41	3/4	3,769.71
4	31.85	4	249.62	4	568.68	4	953.00	4	1,382.88	4	1,844.04	4	2,324.67	4	2,814.19	4	3,302.51	4	3,779.48
1/4	34.97	1/4	255.47	1/4	576.15	1/4	961.58	1/4	1,392.24	1/4	1,853.91	1/4	2,334.82	1/4	2,824.41	1/4	3,312.59	1/4	3,789.20
1/2	38.09	1/2	261.33	1/2	583.62	1/2	970.15	1/2	1,401.59	1/2	1,863.77	1/2	2,344.97	1/2	2,834.63	1/2	3,322.68	1/2	3,798.93
3/4	41.21	3/4	267.19	3/4	591.08	3/4	978.73	3/4	1,410.94	3/4	1,873.64	3/4	2,355.12	3/4	2,844.85	3/4	3,332.76	3/4	3,808.65
5	44.33	5	273.04	5	598.55	5	987.31	5	1,420.29	5	1,883.50	5	2,365.27	5	2,855.07	5	3,342.84	5	3,818.38
1/4	47.78	1/4	279.06	1/4	606.12	1/4	995.96	1/4	1,429.70	1/4	1,893.40	1/4	2,375.43	1/4	2,865.29	1/4	3,352.90	1/4	3,828.07
1/2	51.23	1/2	285.08	1/2	613.69	1/2	1,004.61	1/2	1,439.10	1/2	1,903.30	1/2	2,385.59	1/2	2,875.50	1/2	3,362.96	1/2	3,837.75
3/4	54.67	3/4	291.10	3/4	621.27	3/4	1,013.26	3/4	1,448.51	3/4	1,913.19	3/4	2,395.76	3/4	2,885.72	3/4	3,373.02	3/4	3,847.44
6	58.12	6	297.11	6	628.84	6	1,021.92	6	1,457.91	6	1,923.09	6	2,405.92	6	2,895.94	6	3,383.08	6	3,857.12
1/4	61.86	1/4	303.29	1/4	636.52	1/4	1,030.64	1/4	1,467.37	1/4	1,933.02	1/4	2,416.09	1/4	2,906.15	1/4	3,393.11	1/4	3,866.77
1/2	65.61	1/2	309.46	1/2	644.20	1/2	1,039.37	1/2	1,476.82	1/2	1,942.95	1/2	2,426.27	1/2	2,916.36	1/2	3,403.15	1/2	3,876.41
3/4	69.35	3/4	315.63	3/4	651.88	3/4	1,048.09	3/4	1,486.28	3/4	1,952.87	3/4	2,436.44	3/4	2,926.57	3/4	3,413.19	3/4	3,886.06
7	73.09	7	321.80	7	659.56	7	1,056.82	7	1,495.73	7	1,962.80	7	2,446.62	7	2,936.78	7	3,423.23	7	3,895.70
1/4	77.11	1/4	328.13	1/4	667.34	1/4	1,065.62	1/4	1,505.24	1/4	1,972.76	1/4	2,456.80	1/4	2,946.98	1/4	3,433.24	1/4	3,905.30
1/2	81.12	1/2	334.45	1/2	675.12	1/2	1,074.42	1/2	1,514.74	1/2	1,982.72	1/2	2,466.99	1/2	2,957.19	1/2	3,443.25	1/2	3,914.90
3/4	85.14	3/4	340.77	3/4	682.90	3/4	1,083.21	3/4	1,524.24	3/4	1,992.67	3/4	2,477.18	3/4	2,967.39	3/4	3,453.26	3/4	3,924.50
8	89.15	8	347.09	8	690.68	8	1,092.01	8	1,533.75	8	2,002.63	8	2,487.36	8	2,977.60	8	3,463.28	8	3,934.10
1/4	93.42	1/4	353.56	1/4	698.56	1/4	1,100.88	1/4	1,543.30	1/4	2,012.61	1/4	2,497.56	1/4	2,987.79	1/4	3,473.26	1/4	3,943.66
1/2	97.69	1/2	360.03	1/2	706.44	1/2	1,109.75	1/2	1,552.85	1/2	2,022.60	1/2	2,507.75	1/2	2,997.99	1/2	3,483.25	1/2	3,953.22
3/4	101.96	3/4	366.50	3/4	714.32	3/4	1,118.61	3/4	1,562.40	3/4	2,032.58	3/4	2,517.95	3/4	3,008.19	3/4	3,493.24	3/4	3,962.77
9	106.23	9	372.96	9	722.20	9	1,127.48	9	1,571.95	9	2,042.56	9	2,528.14	9	3,018.38	9	3,503.23	9	3,972.33
1/4	110.73	1/4	379.57	1/4	730.17	1/4	1,136.42	1/4	1,581.54	1/4	2,052.57	1/4	2,538.35	1/4	3,028.57	1/4	3,513.19	1/4	3,981.84
1/2	115.24	1/2	386.18	1/2	738.15	1/2	1,145.35	1/2	1,591.14	1/2	2,062.58	1/2	2,548.55	1/2	3,038.76	1/2	3,523.15	1/2	3,991.35
3/4	119.74	3/4	392.78	3/4	746.12	3/4	1,154.29	3/4	1,600.74	3/4	2,072.59	3/4	2,558.75	3/4	3,048.94	3/4	3,533.11	3/4	4,000.86
10	124.25	10	399.39	10	754.10	10	1,163.22	10	1,610.33	10	2,082.60	10	2,568.96	10	3,059.13	10	3,543.07	10	4,010.37
1/4	128.98	1/4	406.13	1/4	762.17	1/4	1,172.22	1/4	1,619.97	1/4	2,092.64	1/4	2,579.17	1/4	3,069.31	1/4	3,553.00	1/4	4,019.83
1/2	133.71	1/2	412.87	1/2	770.24	1/2	1,181.22	1/2	1,629.61	1/2	2,102.67	1/2	2,589.38	1/2	3,079.48	1/2	3,562.93	1/2	4,029.29
3/4	138.44	3/4	419.61	3/4	778.31	3/4	1,190.22	3/4	1,639.25	3/4	2,112.71	3/4	2,599.59	3/4	3,089.66	3/4	3,572.86	3/4	4,038.75
11	143.16	11	426.35	11	786.38	11	1,199.22	11	1,648.89	11	2,122.74	11	2,609.80	11	3,099.84	11	3,582.79	11	4,048.21
1/4	148.10	1/4	433.22	1/4	794.54	1/4	1,208.29	1/4	1,658.57	1/4	2,132.80	1/4	2,620.01	1/4	3,110.00	1/4	3,592.69	1/4	4,057.62
1/2	153.04	1/2	440.10	1/2	802.70	1/2	1,217.35	1/2	1,668.25	1/2	2,142.85	1/2	2,630.23	1/2	3,120.17	1/2	3,602.59	1/2	4,067.03
3/4	157.98	3/4	446.97	3/4	810.86	3/4	1,226.41	3/4	1,677.93	3/4	2,152.91	3/4	2,640.44	3/4	3,130.33	3/4	3,612.50	3/4	4,076.45

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.2E.
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.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 16811"

STBD HORIZONTAL INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	4,085.86	0	4,519.22	0	4,908.53	0	5,234.82	0	5,463.49	0		0		0		0		0	
1/4	4,095.22	1/4	4,527.81	1/4	4,916.01	1/4	5,240.70	1/4	5,466.65	1/4		1/4		1/4		1/4		1/4	
1/2	4,104.57	1/2	4,536.40	1/2	4,923.49	1/2	5,246.58	1/2	5,469.81	1/2		1/2		1/2		1/2		1/2	
3/4	4,113.93	3/4	4,544.98	3/4	4,930.97	3/4	5,252.45	3/4	5,472.98	3/4		3/4		3/4		3/4		3/4	
1	4,123.29	1	4,553.57	1	4,938.45	1	5,258.33	1	5,476.14	1		1		1		1		1	
1/4	4,132.60	1/4	4,562.08	1/4	4,945.82	1/4	5,264.04	1/4	5,478.94	1/4		1/4		1/4		1/4		1/4	
1/2	4,141.90	1/2	4,570.58	1/2	4,953.18	1/2	5,269.75	1/2	5,481.74	1/2		1/2		1/2		1/2		1/2	
3/4	4,151.21	3/4	4,579.09	3/4	4,960.55	3/4	5,275.46	3/4	5,484.54	3/4		3/4		3/4		3/4		3/4	
2	4,160.51	2	4,587.60	2	4,967.92	2	5,281.17	2	5,487.35	2		2		2		2		2	
1/4	4,169.76	1/4	4,596.02	1/4	4,975.17	1/4	5,286.71	1/4	5,489.73	1/4		1/4		1/4		1/4		1/4	
1/2	4,179.01	1/2	4,604.45	1/2	4,982.43	1/2	5,292.24	1/2	5,492.11	1/2		1/2		1/2		1/2		1/2	
3/4	4,188.26	3/4	4,612.88	3/4	4,989.68	3/4	5,297.78	3/4	5,494.50	3/4		3/4		3/4		3/4		3/4	
3	4,197.51	3	4,621.31	3	4,996.93	3	5,303.32	3	5,496.88	3		3		3		3		3	
1/4	4,206.71	1/4	4,629.65	1/4	5,004.07	1/4	5,308.64	1/4	5,498.75	1/4		1/4		1/4		1/4		1/4	
1/2	4,215.90	1/2	4,637.99	1/2	5,011.20	1/2	5,313.97	1/2	5,500.62	1/2		1/2		1/2		1/2		1/2	
3/4	4,225.09	3/4	4,646.34	3/4	5,018.34	3/4	5,319.30	3/4	5,502.49	3/4		3/4		3/4		3/4		3/4	
4	4,234.28	4	4,654.68	4	5,025.48	4	5,324.63	4	5,504.36	4		4		4		4		4	
1/4	4,243.42	1/4	4,662.94	1/4	5,032.49	1/4	5,329.69	1/4	5,505.49	1/4		1/4		1/4		1/4		1/4	
1/2	4,252.55	1/2	4,671.20	1/2	5,039.50	1/2	5,334.75	1/2	5,506.61	1/2		1/2		1/2		1/2		1/2	
3/4	4,261.68	3/4	4,679.46	3/4	5,046.52	3/4	5,339.81	3/4	5,507.74	3/4		3/4		3/4		3/4		3/4	
5	4,270.81	5	4,687.72	5	5,053.53	5	5,344.87	5	5,508.87	5		5		5		5		5	
1/4	4,279.89	1/4	4,695.89	1/4	5,060.42	1/4	5,349.73	1/8	5,509.36	1/4		1/4		1/4		1/4		1/4	
1/2	4,288.96	1/2	4,704.06	1/2	5,067.30	1/2	5,354.59	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,298.03	3/4	4,712.23	3/4	5,074.19	3/4	5,359.45	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,307.10	6	4,720.40	6	5,081.08	6	5,364.31	6		6		6		6		6		6	
1/4	4,316.11	1/4	4,728.48	1/4	5,087.84	1/4	5,368.97	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,325.12	1/2	4,736.56	1/2	5,094.60	1/2	5,373.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,334.13	3/4	4,744.65	3/4	5,101.35	3/4	5,378.27	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,343.13	7	4,752.73	7	5,108.11	7	5,382.92	7		7		7		7		7		7	
1/4	4,352.08	1/4	4,760.71	1/4	5,114.73	1/4	5,387.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,361.02	1/2	4,768.70	1/2	5,121.36	1/2	5,391.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,369.96	3/4	4,776.69	3/4	5,127.98	3/4	5,396.52	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,378.91	8	4,784.68	8	5,134.61	8	5,401.05	8		8		8		8		8		8	
1/4	4,387.78	1/4	4,792.57	1/4	5,141.09	1/4	5,405.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,396.66	1/2	4,800.46	1/2	5,147.57	1/2	5,409.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,405.54	3/4	4,808.35	3/4	5,154.06	3/4	5,413.95	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,414.41	9	4,816.24	9	5,160.54	9	5,418.25	9		9		9		9		9		9	
1/4	4,423.22	1/4	4,824.04	1/4	5,166.88	1/4	5,422.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,432.02	1/2	4,831.83	1/2	5,173.23	1/2	5,426.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,440.83	3/4	4,839.62	3/4	5,179.57	3/4	5,430.39	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,449.64	10	4,847.42	10	5,185.91	10	5,434.43	10		10		10		10		10		10	
1/4	4,458.37	1/4	4,855.11	1/4	5,192.10	1/4	5,438.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,467.11	1/2	4,862.80	1/2	5,198.29	1/2	5,441.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,475.84	3/4	4,870.49	3/4	5,204.48	3/4	5,445.77	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,484.58	11	4,878.18	11	5,210.68	11	5,449.55	11		11		11		11		11		11	
1/4	4,493.24	1/4	4,885.77	1/4	5,216.71	1/4	5,453.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,501.90	1/2	4,893.36	1/2	5,222.75	1/2	5,456.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,510.56	3/4	4,900.94	3/4	5,228.79	3/4	5,460.00	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/14/2009 SW - GA
CALCULATED: 07/15/2009 CL
VERIFIED: 02/08/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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