



# BARGE "CC 133"

## 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	0.00	0	147.43	0	412.67	0	748.36	0	1,135.29	0	1,560.90	0	2,015.71	0	2,491.79	0	2,982.07	0	3,480.14
1/4	0.89	1/4	152.10	1/4	419.07	1/4	755.98	1/4	1,143.82	1/4	1,570.13	1/4	2,025.45	1/4	2,501.89	1/4	2,992.40	1/4	3,490.55
1/2	1.79	1/2	156.77	1/2	425.48	1/2	763.61	1/2	1,152.36	1/2	1,579.36	1/2	2,035.19	1/2	2,511.99	1/2	3,002.73	1/2	3,500.96
3/4	2.68	3/4	161.45	3/4	431.88	3/4	771.23	3/4	1,160.89	3/4	1,588.58	3/4	2,044.93	3/4	2,522.09	3/4	3,013.05	3/4	3,511.37
1	3.57	1	166.12	1	438.29	1	778.86	1	1,169.43	1	1,597.81	1	2,054.67	1	2,532.19	1	3,023.38	1	3,521.79
1/4	5.20	1/4	170.97	1/4	444.81	1/4	786.57	1/4	1,178.03	1/4	1,607.09	1/4	2,064.45	1/4	2,542.32	1/4	3,033.71	1/4	3,532.20
1/2	6.82	1/2	175.82	1/2	451.33	1/2	794.27	1/2	1,186.63	1/2	1,616.37	1/2	2,074.23	1/2	2,552.44	1/2	3,044.05	1/2	3,542.62
3/4	8.45	3/4	180.67	3/4	457.86	3/4	801.98	3/4	1,195.23	3/4	1,625.65	3/4	2,084.01	3/4	2,562.57	3/4	3,054.38	3/4	3,553.04
2	10.07	2	185.52	2	464.38	2	809.69	2	1,203.83	2	1,634.93	2	2,093.79	2	2,572.69	2	3,064.71	2	3,563.45
1/4	12.18	1/4	190.54	1/4	471.01	1/4	817.48	1/4	1,212.49	1/4	1,644.25	1/4	2,103.60	1/4	2,582.84	1/4	3,075.07	1/4	3,573.87
1/2	14.29	1/2	195.56	1/2	477.64	1/2	825.27	1/2	1,221.15	1/2	1,653.57	1/2	2,113.40	1/2	2,592.99	1/2	3,085.42	1/2	3,584.29
3/4	16.39	3/4	200.58	3/4	484.27	3/4	833.07	3/4	1,229.82	3/4	1,662.89	3/4	2,123.21	3/4	2,603.14	3/4	3,095.77	3/4	3,594.70
3	18.50	3	205.60	3	490.90	3	840.86	3	1,238.48	3	1,672.21	3	2,133.02	3	2,613.29	3	3,106.12	3	3,605.12
1/4	21.00	1/4	210.77	1/4	497.65	1/4	848.73	1/4	1,247.20	1/4	1,681.58	1/4	2,142.87	1/4	2,623.45	1/4	3,116.46	1/4	3,615.54
1/2	23.50	1/2	215.95	1/2	504.40	1/2	856.61	1/2	1,255.93	1/2	1,690.95	1/2	2,152.71	1/2	2,633.62	1/2	3,126.80	1/2	3,625.95
3/4	26.00	3/4	221.13	3/4	511.15	3/4	864.48	3/4	1,264.65	3/4	1,700.32	3/4	2,162.56	3/4	2,643.79	3/4	3,137.14	3/4	3,636.37
4	28.50	4	226.31	4	517.90	4	872.36	4	1,273.38	4	1,709.69	4	2,172.40	4	2,653.95	4	3,147.48	4	3,646.79
1/4	31.33	1/4	231.64	1/4	524.76	1/4	880.31	1/4	1,282.17	1/4	1,719.11	1/4	2,182.28	1/4	2,664.14	1/4	3,157.86	1/4	3,657.20
1/2	34.15	1/2	236.98	1/2	531.61	1/2	888.26	1/2	1,290.95	1/2	1,728.52	1/2	2,192.15	1/2	2,674.33	1/2	3,168.25	1/2	3,667.62
3/4	36.98	3/4	242.31	3/4	538.46	3/4	896.21	3/4	1,299.74	3/4	1,737.94	3/4	2,202.03	3/4	2,684.52	3/4	3,178.64	3/4	3,678.04
5	39.81	5	247.64	5	545.31	5	904.17	5	1,308.52	5	1,747.36	5	2,211.90	5	2,694.71	5	3,189.02	5	3,688.45
1/4	42.93	1/4	253.13	1/4	552.27	1/4	912.20	1/4	1,317.37	1/4	1,756.82	1/4	2,221.82	1/4	2,704.93	1/4	3,199.40	1/4	3,698.86
1/2	46.06	1/2	258.61	1/2	559.23	1/2	920.24	1/2	1,326.21	1/2	1,766.27	1/2	2,231.73	1/2	2,715.14	1/2	3,209.77	1/2	3,709.27
3/4	49.18	3/4	264.09	3/4	566.18	3/4	928.27	3/4	1,335.06	3/4	1,775.73	3/4	2,241.64	3/4	2,725.36	3/4	3,220.15	3/4	3,719.68
6	52.31	6	269.57	6	573.14	6	936.31	6	1,343.90	6	1,785.19	6	2,251.55	6	2,735.57	6	3,230.52	6	3,730.10
1/4	55.70	1/4	275.18	1/4	580.20	1/4	944.42	1/4	1,352.81	1/4	1,794.70	1/4	2,261.49	1/4	2,745.80	1/4	3,240.91	1/4	3,740.51
1/2	59.10	1/2	280.80	1/2	587.26	1/2	952.52	1/2	1,361.71	1/2	1,804.20	1/2	2,271.43	1/2	2,756.02	1/2	3,251.30	1/2	3,750.92
3/4	62.49	3/4	286.41	3/4	594.32	3/4	960.63	3/4	1,370.62	3/4	1,813.71	3/4	2,281.37	3/4	2,766.25	3/4	3,261.68	3/4	3,761.33
7	65.88	7	292.02	7	601.38	7	968.74	7	1,379.52	7	1,823.21	7	2,291.31	7	2,776.48	7	3,272.07	7	3,771.74
1/4	69.52	1/4	297.79	1/4	608.54	1/4	976.92	1/4	1,388.48	1/4	1,832.76	1/4	2,301.27	1/4	2,786.73	1/4	3,282.46	1/4	3,782.14
1/2	73.17	1/2	303.56	1/2	615.70	1/2	985.11	1/2	1,397.44	1/2	1,842.30	1/2	2,311.24	1/2	2,796.98	1/2	3,292.86	1/2	3,792.55
3/4	76.81	3/4	309.33	3/4	622.86	3/4	993.29	3/4	1,406.40	3/4	1,851.84	3/4	2,321.20	3/4	2,807.23	3/4	3,303.25	3/4	3,802.95
8	80.45	8	315.10	8	630.02	8	1,001.48	8	1,415.36	8	1,861.38	8	2,331.17	8	2,817.48	8	3,313.64	8	3,813.36
1/4	84.33	1/4	321.01	1/4	637.28	1/4	1,009.73	1/4	1,424.38	1/4	1,870.97	1/4	2,341.17	1/4	2,827.74	1/4	3,324.04	1/4	3,823.76
1/2	88.20	1/2	326.92	1/2	644.54	1/2	1,017.99	1/2	1,433.39	1/2	1,880.56	1/2	2,351.17	1/2	2,838.00	1/2	3,334.44	1/2	3,834.15
3/4	92.08	3/4	332.83	3/4	651.79	3/4	1,026.24	3/4	1,442.41	3/4	1,890.15	3/4	2,361.17	3/4	2,848.26	3/4	3,344.84	3/4	3,844.55
9	95.95	9	338.74	9	659.05	9	1,034.50	9	1,451.43	9	1,899.74	9	2,371.17	9	2,858.52	9	3,355.24	9	3,854.95
1/4	100.04	1/4	344.81	1/4	666.40	1/4	1,042.83	1/4	1,460.50	1/4	1,909.36	1/4	2,381.19	1/4	2,868.80	1/4	3,365.64	1/4	3,865.35
1/2	104.13	1/2	350.88	1/2	673.75	1/2	1,051.15	1/2	1,469.57	1/2	1,918.99	1/2	2,391.21	1/2	2,879.08	1/2	3,376.05	1/2	3,875.74
3/4	108.22	3/4	356.95	3/4	681.10	3/4	1,059.48	3/4	1,478.64	3/4	1,928.61	3/4	2,401.24	3/4	2,889.36	3/4	3,386.45	3/4	3,886.13
10	112.31	10	363.02	10	688.45	10	1,067.81	10	1,487.71	10	1,938.24	10	2,411.26	10	2,899.64	10	3,396.86	10	3,896.52
1/4	116.60	1/4	369.15	1/4	695.90	1/4	1,076.21	1/4	1,496.84	1/4	1,947.90	1/4	2,421.32	1/4	2,909.94	1/4	3,407.26	1/4	3,906.91
1/2	120.89	1/2	375.27	1/2	703.35	1/2	1,084.62	1/2	1,505.96	1/2	1,957.57	1/2	2,431.37	1/2	2,920.24	1/2	3,417.67	1/2	3,917.30
3/4	125.18	3/4	381.40	3/4	710.79	3/4	1,093.02	3/4	1,515.09	3/4	1,967.24	3/4	2,441.42	3/4	2,930.54	3/4	3,428.07	3/4	3,927.68
11	129.48	11	387.52	11	718.24	11	1,101.43	11	1,524.21	11	1,976.90	11	2,451.48	11	2,940.83	11	3,438.48	11	3,938.07
1/4	133.96	1/4	393.81	1/4	725.77	1/4	1,109.89	1/4	1,533.39	1/4	1,986.61	1/4	2,461.55	1/4	2,951.14	1/4	3,448.89	1/4	3,948.45
1/2	138.45	1/2	400.10	1/2	733.30	1/2	1,118.36	1/2	1,542.56	1/2	1,996.31	1/2	2,471.63	1/2	2,961.45	1/2	3,459.31	1/2	3,958.82
3/4	142.94	3/4	406.38	3/4	740.83	3/4	1,126.82	3/4	1,551.73	3/4	2,006.01	3/4	2,481.71	3/4	2,971.76	3/4	3,469.73	3/4	3,969.20

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# BARGE "CC 133"

## 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	3,979.57	0	4,473.86	0	4,956.67	0	5,421.24	0	5,860.07	0	6,264.43	0	6,623.29	0	6,920.95	0	7,128.79	0	
1/4	3,989.94	1/4	4,484.05	1/4	4,966.55	1/4	5,430.65	1/4	5,868.86	1/4	6,272.38	1/4	6,630.14	1/4	6,926.29	1/4	7,131.61	1/4	
1/2	4,000.31	1/2	4,494.24	1/2	4,976.43	1/2	5,440.07	1/2	5,877.64	1/2	6,280.33	1/2	6,636.99	1/2	6,931.62	1/2	7,134.44	1/2	
3/4	4,010.68	3/4	4,504.43	3/4	4,986.31	3/4	5,449.49	3/4	5,886.43	3/4	6,288.29	3/4	6,643.84	3/4	6,936.95	3/4	7,137.27	3/4	
1	4,021.05	1	4,514.62	1	4,996.19	1	5,458.90	1	5,895.21	1	6,296.24	1	6,650.69	1	6,942.29	1	7,140.10	1	
1/4	4,031.40	1/4	4,524.79	1/4	5,006.03	1/4	5,468.27	1/4	5,903.94	1/4	6,304.11	1/4	6,657.43	1/4	6,947.46	1/4	7,142.59	1/4	
1/2	4,041.76	1/2	4,534.96	1/2	5,015.87	1/2	5,477.64	1/2	5,912.67	1/2	6,311.99	1/2	6,664.18	1/2	6,952.64	1/2	7,145.08	1/2	
3/4	4,052.12	3/4	4,545.14	3/4	5,025.71	3/4	5,487.01	3/4	5,921.39	3/4	6,319.86	3/4	6,670.92	3/4	6,957.82	3/4	7,147.58	3/4	
2	4,062.48	2	4,555.31	2	5,035.55	2	5,496.38	2	5,930.12	2	6,327.74	2	6,677.67	2	6,963.00	2	7,150.07	2	
1/4	4,072.83	1/4	4,565.46	1/4	5,045.36	1/4	5,505.70	1/4	5,938.78	1/4	6,335.53	1/4	6,684.30	1/4	6,968.02	1/4	7,152.18	1/4	
1/2	4,083.18	1/2	4,575.61	1/2	5,055.18	1/2	5,515.02	1/2	5,947.44	1/2	6,343.32	1/2	6,690.94	1/2	6,973.04	1/2	7,154.29	1/2	
3/4	4,093.53	3/4	4,585.76	3/4	5,064.99	3/4	5,524.35	3/4	5,956.10	3/4	6,351.11	3/4	6,697.58	3/4	6,978.05	3/4	7,156.39	3/4	
3	4,103.88	3	4,595.90	3	5,074.81	3	5,533.67	3	5,964.76	3	6,358.90	3	6,704.21	3	6,983.07	3	7,158.50	3	
1/4	4,114.21	1/4	4,606.03	1/4	5,084.58	1/4	5,542.94	1/4	5,973.36	1/4	6,366.61	1/4	6,710.74	1/4	6,987.92	1/4	7,160.13	1/4	
1/2	4,124.55	1/2	4,616.15	1/2	5,094.36	1/2	5,552.21	1/2	5,981.96	1/2	6,374.32	1/2	6,717.26	1/2	6,992.77	1/2	7,161.75	1/2	
3/4	4,134.88	3/4	4,626.28	3/4	5,104.13	3/4	5,561.49	3/4	5,990.57	3/4	6,382.03	3/4	6,723.79	3/4	6,997.63	3/4	7,163.38	3/4	
4	4,145.21	4	4,636.40	4	5,113.90	4	5,570.76	4	5,999.17	4	6,389.74	4	6,730.31	4	7,002.48	4	7,165.00	4	
1/4	4,155.54	1/4	4,646.51	1/4	5,123.65	1/4	5,579.99	1/4	6,007.70	1/4	6,397.36	1/4	6,736.71	1/4	7,007.14	1/4	7,165.90	1/4	
1/2	4,165.86	1/2	4,656.61	1/2	5,133.39	1/2	5,589.21	1/2	6,016.24	1/2	6,404.98	1/2	6,743.12	1/2	7,011.81	1/2	7,166.80	1/2	
3/4	4,176.18	3/4	4,666.71	3/4	5,143.14	3/4	5,598.44	3/4	6,024.77	3/4	6,412.60	3/4	6,749.52	3/4	7,016.48	3/4	7,167.70	3/4	
5	4,186.50	5	4,676.81	5	5,152.88	5	5,607.67	5	6,033.31	5	6,420.21	5	6,755.93	5	7,021.14	5	7,168.60	5	
1/4	4,196.82	1/4	4,686.89	1/4	5,162.58	1/4	5,616.85	1/4	6,041.77	1/4	6,427.75	1/4	6,762.21	1/4	7,025.63	1/4		1/4	
1/2	4,207.13	1/2	4,696.96	1/2	5,172.29	1/2	5,626.02	1/2	6,050.24	1/2	6,435.29	1/2	6,768.50	1/2	7,030.12	1/2		1/2	
3/4	4,217.45	3/4	4,707.04	3/4	5,181.99	3/4	5,635.20	3/4	6,058.70	3/4	6,442.82	3/4	6,774.79	3/4	7,034.61	3/4		3/4	
6	4,227.76	6	4,717.12	6	5,191.69	6	5,644.38	6	6,067.17	6	6,450.36	6	6,781.07	6	7,039.10	6		6	
1/4	4,238.05	1/4	4,727.17	1/4	5,201.36	1/4	5,653.51	1/4	6,075.57	1/4	6,457.80	1/4	6,787.23	1/4	7,043.39	1/4		1/4	
1/2	4,248.35	1/2	4,737.23	1/2	5,211.02	1/2	5,662.63	1/2	6,083.96	1/2	6,465.25	1/2	6,793.39	1/2	7,047.69	1/2		1/2	
3/4	4,258.64	3/4	4,747.28	3/4	5,220.69	3/4	5,671.76	3/4	6,092.36	3/4	6,472.70	3/4	6,799.55	3/4	7,051.99	3/4		3/4	
7	4,268.93	7	4,757.33	7	5,230.36	7	5,680.88	7	6,100.76	7	6,480.14	7	6,805.71	7	7,056.29	7		7	
1/4	4,279.21	1/4	4,767.36	1/4	5,239.98	1/4	5,689.95	1/4	6,109.10	1/4	6,487.49	1/4	6,811.75	1/4	7,060.37	1/4		1/4	
1/2	4,289.49	1/2	4,777.38	1/2	5,249.61	1/2	5,699.02	1/2	6,117.43	1/2	6,494.85	1/2	6,817.79	1/2	7,064.46	1/2		1/2	
3/4	4,299.77	3/4	4,787.40	3/4	5,259.23	3/4	5,708.10	3/4	6,125.76	3/4	6,502.20	3/4	6,823.82	3/4	7,068.55	3/4		3/4	
8	4,310.05	8	4,797.43	8	5,268.86	8	5,717.17	8	6,134.10	8	6,509.55	8	6,829.86	8	7,072.64	8		8	
1/4	4,320.32	1/4	4,807.42	1/4	5,278.44	1/4	5,726.18	1/4	6,142.35	1/4	6,516.80	1/4	6,835.76	1/4	7,076.52	1/4		1/4	
1/2	4,330.58	1/2	4,817.42	1/2	5,288.02	1/2	5,735.19	1/2	6,150.61	1/2	6,524.06	1/2	6,841.67	1/2	7,080.39	1/2		1/2	
3/4	4,340.85	3/4	4,827.41	3/4	5,297.61	3/4	5,744.20	3/4	6,158.86	3/4	6,531.32	3/4	6,847.57	3/4	7,084.27	3/4		3/4	
9	4,351.12	9	4,837.40	9	5,307.19	9	5,753.21	9	6,167.12	9	6,538.57	9	6,853.48	9	7,088.14	9		9	
1/4	4,361.36	1/4	4,847.38	1/4	5,316.74	1/4	5,762.18	1/4	6,175.30	1/4	6,545.73	1/4	6,859.24	1/4	7,091.79	1/4		1/4	
1/2	4,371.61	1/2	4,857.35	1/2	5,326.29	1/2	5,771.14	1/2	6,183.49	1/2	6,552.88	1/2	6,865.01	1/2	7,095.43	1/2		1/2	
3/4	4,381.85	3/4	4,867.32	3/4	5,335.83	3/4	5,780.11	3/4	6,191.67	3/4	6,560.04	3/4	6,870.78	3/4	7,099.07	3/4		3/4	
10	4,392.10	10	4,877.29	10	5,345.38	10	5,789.07	10	6,199.86	10	6,567.19	10	6,876.55	10	7,102.71	10		10	
1/4	4,402.33	1/4	4,887.23	1/4	5,354.89	1/4	5,797.98	1/4	6,207.96	1/4	6,574.26	1/4	6,882.17	1/4	7,106.11	1/4		1/4	
1/2	4,412.56	1/2	4,897.17	1/2	5,364.39	1/2	5,806.88	1/2	6,216.07	1/2	6,581.32	1/2	6,887.79	1/2	7,109.50	1/2		1/2	
3/4	4,422.79	3/4	4,907.11	3/4	5,373.90	3/4	5,815.79	3/4	6,224.18	3/4	6,588.39	3/4	6,893.40	3/4	7,112.89	3/4		3/4	
11	4,433.02	11	4,917.05	11	5,383.40	11	5,824.69	11	6,232.29	11	6,595.45	11	6,899.02	11	7,116.29	11		11	
1/4	4,443.23	1/4	4,926.95	1/4	5,392.86	1/4	5,833.54	1/4	6,240.32	1/4	6,602.41	1/4	6,904.51	1/4	7,119.41	1/4		1/4	
1/2	4,453.44	1/2	4,936.86	1/2	5,402.32	1/2	5,842.38	1/2	6,248.36	1/2	6,609.37	1/2	6,909.99	1/2	7,122.54	1/2		1/2	
3/4	4,463.65	3/4	4,946.76	3/4	5,411.78	3/4	5,851.23	3/4	6,256.39	3/4	6,616.33	3/4	6,915.47	3/4	7,125.66	3/4		3/4	

STRAPPED: 01/30/1975 EWS  
RECALCULATED: 09/15/2020 SW  
REPRINTED: 09/15/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2020

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.  
PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "CC 133"

## 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	0.00	0	147.64	0	413.26	0	749.45	0	1,136.95	0	1,563.19	0	2,018.67	0	2,495.43	0	2,986.45	0	3,485.21
1/4	0.90	1/4	152.32	1/4	419.68	1/4	757.09	1/4	1,145.50	1/4	1,572.43	1/4	2,028.42	1/4	2,505.54	1/4	2,996.79	1/4	3,495.65
1/2	1.80	1/2	157.00	1/2	426.10	1/2	764.73	1/2	1,154.05	1/2	1,581.67	1/2	2,038.18	1/2	2,515.65	1/2	3,007.12	1/2	3,506.08
3/4	2.70	3/4	161.68	3/4	432.51	3/4	772.36	3/4	1,162.60	3/4	1,590.90	3/4	2,047.93	3/4	2,525.77	3/4	3,017.45	3/4	3,516.52
1	3.60	1	166.36	1	438.93	1	780.00	1	1,171.14	1	1,600.14	1	2,057.69	1	2,535.88	1	3,027.79	1	3,526.95
1/4	5.22	1/4	171.21	1/4	445.46	1/4	787.72	1/4	1,179.76	1/4	1,609.43	1/4	2,067.48	1/4	2,546.02	1/4	3,038.14	1/4	3,537.38
1/2	6.85	1/2	176.07	1/2	451.99	1/2	795.44	1/2	1,188.37	1/2	1,618.73	1/2	2,077.27	1/2	2,556.17	1/2	3,048.49	1/2	3,547.81
3/4	8.47	3/4	180.93	3/4	458.52	3/4	803.16	3/4	1,196.98	3/4	1,628.02	3/4	2,087.07	3/4	2,566.31	3/4	3,058.84	3/4	3,558.24
2	10.10	2	185.79	2	465.05	2	810.88	2	1,205.60	2	1,637.31	2	2,096.86	2	2,576.45	2	3,069.19	2	3,568.67
1/4	12.21	1/4	190.81	1/4	471.70	1/4	818.68	1/4	1,214.27	1/4	1,646.65	1/4	2,106.68	1/4	2,586.61	1/4	3,079.55	1/4	3,579.10
1/2	14.32	1/2	195.83	1/2	478.35	1/2	826.49	1/2	1,222.94	1/2	1,655.99	1/2	2,116.50	1/2	2,596.77	1/2	3,089.92	1/2	3,589.54
3/4	16.43	3/4	200.86	3/4	484.99	3/4	834.29	3/4	1,231.61	3/4	1,665.33	3/4	2,126.32	3/4	2,606.93	3/4	3,100.28	3/4	3,599.97
3	18.55	3	205.88	3	491.64	3	842.10	3	1,240.29	3	1,674.67	3	2,136.14	3	2,617.10	3	3,110.64	3	3,610.40
1/4	21.04	1/4	211.07	1/4	498.40	1/4	849.98	1/4	1,249.02	1/4	1,684.05	1/4	2,146.01	1/4	2,627.28	1/4	3,121.02	1/4	3,620.84
1/2	23.54	1/2	216.25	1/2	505.15	1/2	857.86	1/2	1,257.76	1/2	1,693.43	1/2	2,155.87	1/2	2,637.46	1/2	3,131.39	1/2	3,631.27
3/4	26.03	3/4	221.43	3/4	511.91	3/4	865.74	3/4	1,266.50	3/4	1,702.81	3/4	2,165.73	3/4	2,647.65	3/4	3,141.77	3/4	3,641.71
4	28.52	4	226.62	4	518.67	4	873.62	4	1,275.24	4	1,712.19	4	2,175.60	4	2,657.83	4	3,152.14	4	3,652.14
1/4	31.36	1/4	231.96	1/4	525.53	1/4	881.59	1/4	1,284.04	1/4	1,721.62	1/4	2,185.48	1/4	2,668.04	1/4	3,162.53	1/4	3,662.57
1/2	34.19	1/2	237.31	1/2	532.39	1/2	889.56	1/2	1,292.83	1/2	1,731.05	1/2	2,195.37	1/2	2,678.25	1/2	3,172.92	1/2	3,673.00
3/4	37.02	3/4	242.65	3/4	539.26	3/4	897.53	3/4	1,301.63	3/4	1,740.48	3/4	2,205.26	3/4	2,688.46	3/4	3,183.30	3/4	3,683.43
5	39.86	5	248.00	5	546.12	5	905.50	5	1,310.43	5	1,749.90	5	2,215.14	5	2,698.67	5	3,193.69	5	3,693.86
1/4	42.99	1/4	253.49	1/4	553.08	1/4	913.54	1/4	1,319.29	1/4	1,759.38	1/4	2,225.07	1/4	2,708.89	1/4	3,204.08	1/4	3,704.29
1/2	46.12	1/2	258.99	1/2	560.05	1/2	921.58	1/2	1,328.15	1/2	1,768.86	1/2	2,235.00	1/2	2,719.12	1/2	3,214.48	1/2	3,714.71
3/4	49.25	3/4	264.48	3/4	567.01	3/4	929.63	3/4	1,337.02	3/4	1,778.33	3/4	2,244.93	3/4	2,729.35	3/4	3,224.87	3/4	3,725.14
6	52.38	6	269.98	6	573.98	6	937.67	6	1,345.88	6	1,787.81	6	2,254.86	6	2,739.57	6	3,235.26	6	3,735.57
1/4	55.78	1/4	275.60	1/4	581.05	1/4	945.79	1/4	1,354.80	1/4	1,797.33	1/4	2,264.81	1/4	2,749.82	1/4	3,245.66	1/4	3,745.99
1/2	59.18	1/2	281.21	1/2	588.12	1/2	953.90	1/2	1,363.71	1/2	1,806.85	1/2	2,274.76	1/2	2,760.06	1/2	3,256.06	1/2	3,756.42
3/4	62.58	3/4	286.83	3/4	595.19	3/4	962.02	3/4	1,372.63	3/4	1,816.36	3/4	2,284.71	3/4	2,770.30	3/4	3,266.46	3/4	3,766.84
7	65.98	7	292.45	7	602.26	7	970.14	7	1,381.55	7	1,825.88	7	2,294.67	7	2,780.55	7	3,276.86	7	3,777.26
1/4	69.62	1/4	298.23	1/4	609.43	1/4	978.34	1/4	1,390.52	1/4	1,835.44	1/4	2,304.65	1/4	2,790.81	1/4	3,287.27	1/4	3,787.68
1/2	73.27	1/2	304.01	1/2	616.61	1/2	986.54	1/2	1,399.49	1/2	1,845.00	1/2	2,314.63	1/2	2,801.07	1/2	3,297.68	1/2	3,798.10
3/4	76.92	3/4	309.79	3/4	623.78	3/4	994.73	3/4	1,408.46	3/4	1,854.56	3/4	2,324.61	3/4	2,811.33	3/4	3,308.09	3/4	3,808.51
8	80.57	8	315.57	8	630.95	8	1,002.93	8	1,417.43	8	1,864.12	8	2,334.60	8	2,821.60	8	3,318.50	8	3,818.93
1/4	84.45	1/4	321.48	1/4	638.22	1/4	1,011.20	1/4	1,426.46	1/4	1,873.71	1/4	2,344.61	1/4	2,831.88	1/4	3,328.91	1/4	3,829.35
1/2	88.33	1/2	327.39	1/2	645.49	1/2	1,019.48	1/2	1,435.49	1/2	1,883.31	1/2	2,354.62	1/2	2,842.15	1/2	3,339.32	1/2	3,839.76
3/4	92.21	3/4	333.30	3/4	652.76	3/4	1,027.75	3/4	1,444.52	3/4	1,892.90	3/4	2,364.63	3/4	2,852.43	3/4	3,349.73	3/4	3,850.18
9	96.10	9	339.21	9	660.02	9	1,036.02	9	1,453.55	9	1,902.50	9	2,374.64	9	2,862.71	9	3,360.14	9	3,860.60
1/4	100.19	1/4	345.26	1/4	667.38	1/4	1,044.36	1/4	1,462.63	1/4	1,912.14	1/4	2,384.68	1/4	2,873.01	1/4	3,370.56	1/4	3,871.00
1/2	104.29	1/2	351.31	1/2	674.74	1/2	1,052.70	1/2	1,471.71	1/2	1,921.79	1/2	2,394.71	1/2	2,883.31	1/2	3,380.98	1/2	3,881.41
3/4	108.38	3/4	357.36	3/4	682.10	3/4	1,061.04	3/4	1,480.80	3/4	1,931.43	3/4	2,404.75	3/4	2,893.61	3/4	3,391.39	3/4	3,891.81
10	112.48	10	363.40	10	689.45	10	1,069.38	10	1,489.88	10	1,941.07	10	2,414.79	10	2,903.90	10	3,401.81	10	3,902.21
1/4	116.77	1/4	369.58	1/4	696.91	1/4	1,077.79	1/4	1,499.02	1/4	1,950.75	1/4	2,424.85	1/4	2,914.21	1/4	3,412.24	1/4	3,912.62
1/2	121.07	1/2	375.75	1/2	704.37	1/2	1,086.20	1/2	1,508.17	1/2	1,960.43	1/2	2,434.92	1/2	2,924.52	1/2	3,422.67	1/2	3,923.02
3/4	125.37	3/4	381.92	3/4	711.83	3/4	1,094.61	3/4	1,517.31	3/4	1,970.11	3/4	2,444.98	3/4	2,934.83	3/4	3,433.10	3/4	3,933.43
11	129.67	11	388.10	11	719.29	11	1,103.02	11	1,526.45	11	1,979.79	11	2,455.05	11	2,945.14	11	3,443.52	11	3,943.83
1/4	134.16	1/4	394.39	1/4	726.83	1/4	1,111.51	1/4	1,535.64	1/4	1,989.51	1/4	2,465.14	1/4	2,955.47	1/4	3,453.95	1/4	3,954.23
1/2	138.65	1/2	400.68	1/2	734.37	1/2	1,119.99	1/2	1,544.82	1/2	1,999.23	1/2	2,475.24	1/2	2,965.80	1/2	3,464.37	1/2	3,964.62
3/4	143.15	3/4	406.97	3/4	741.91	3/4	1,128.47	3/4	1,554.01	3/4	2,008.95	3/4	2,485.33	3/4	2,976.13	3/4	3,474.79	3/4	3,975.01

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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  
<http://www.pmacorp.net>



# BARGE "CC 133"

## 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	3,985.40	0	4,480.40	0	4,963.93	0	5,429.17	0	5,868.64	0	6,273.60	0	6,632.98	0	6,931.07	0	7,139.21	0	
1/4	3,995.79	1/4	4,490.61	1/4	4,973.82	1/4	5,438.60	1/4	5,877.44	1/4	6,281.56	1/4	6,639.84	1/4	6,936.42	1/4	7,142.05	1/4	
1/2	4,006.17	1/2	4,500.82	1/2	4,983.71	1/2	5,448.02	1/2	5,886.24	1/2	6,289.52	1/2	6,646.70	1/2	6,941.76	1/2	7,144.88	1/2	
3/4	4,016.55	3/4	4,511.03	3/4	4,993.61	3/4	5,457.45	3/4	5,895.04	3/4	6,297.49	3/4	6,653.57	3/4	6,947.11	3/4	7,147.71	3/4	
1	4,026.93	1	4,521.24	1	5,003.50	1	5,466.88	1	5,903.83	1	6,305.45	1	6,660.43	1	6,952.45	1	7,150.55	1	
1/4	4,037.30	1/4	4,531.42	1/4	5,013.36	1/4	5,476.27	1/4	5,912.57	1/4	6,313.34	1/4	6,667.18	1/4	6,957.64	1/4	7,153.05	1/4	
1/2	4,047.68	1/2	4,541.61	1/2	5,023.21	1/2	5,485.65	1/2	5,921.31	1/2	6,321.23	1/2	6,673.94	1/2	6,962.82	1/2	7,155.55	1/2	
3/4	4,058.05	3/4	4,551.79	3/4	5,033.07	3/4	5,495.04	3/4	5,930.05	3/4	6,329.11	3/4	6,680.70	3/4	6,968.01	3/4	7,158.05	3/4	
2	4,068.43	2	4,561.98	2	5,042.93	2	5,504.43	2	5,938.79	2	6,337.00	2	6,687.45	2	6,973.19	2	7,160.55	2	
1/4	4,078.79	1/4	4,572.14	1/4	5,052.76	1/4	5,513.76	1/4	5,947.46	1/4	6,344.80	1/4	6,694.10	1/4	6,978.21	1/4	7,162.65	1/4	
1/2	4,089.15	1/2	4,582.30	1/2	5,062.58	1/2	5,523.10	1/2	5,956.14	1/2	6,352.61	1/2	6,700.74	1/2	6,983.24	1/2	7,164.76	1/2	
3/4	4,099.52	3/4	4,592.46	3/4	5,072.41	3/4	5,532.43	3/4	5,964.82	3/4	6,360.41	3/4	6,707.38	3/4	6,988.26	3/4	7,166.87	3/4	
3	4,109.88	3	4,602.62	3	5,082.24	3	5,541.76	3	5,973.50	3	6,368.21	3	6,714.02	3	6,993.29	3	7,168.98	3	
1/4	4,120.23	1/4	4,612.76	1/4	5,092.02	1/4	5,551.05	1/4	5,982.11	1/4	6,375.93	1/4	6,720.55	1/4	6,998.14	1/4	7,170.61	1/4	
1/2	4,130.58	1/2	4,622.90	1/2	5,101.81	1/2	5,560.35	1/2	5,990.73	1/2	6,383.64	1/2	6,727.08	1/2	7,003.00	1/2	7,172.24	1/2	
3/4	4,140.93	3/4	4,633.05	3/4	5,111.60	3/4	5,569.64	3/4	5,999.34	3/4	6,391.36	3/4	6,733.61	3/4	7,007.86	3/4	7,173.87	3/4	
4	4,151.29	4	4,643.19	4	5,121.38	4	5,578.93	4	6,007.95	4	6,399.07	4	6,740.14	4	7,012.71	4	7,175.50	4	
1/4	4,161.62	1/4	4,653.30	1/4	5,131.14	1/4	5,588.17	1/4	6,016.49	1/4	6,406.71	1/4	6,746.56	1/4	7,017.39	1/4	7,176.40	1/4	
1/2	4,171.96	1/2	4,663.42	1/2	5,140.89	1/2	5,597.40	1/2	6,025.04	1/2	6,414.35	1/2	6,752.98	1/2	7,022.07	1/2	7,177.30	1/2	
3/4	4,182.30	3/4	4,673.53	3/4	5,150.65	3/4	5,606.64	3/4	6,033.58	3/4	6,421.98	3/4	6,759.39	3/4	7,026.75	3/4	7,178.20	3/4	
5	4,192.64	5	4,683.64	5	5,160.40	5	5,615.88	5	6,042.12	5	6,429.62	5	6,765.81	5	7,031.43	5	7,179.10	5	
1/4	4,202.96	1/4	4,693.74	1/4	5,170.13	1/4	5,625.07	1/4	6,050.60	1/4	6,437.16	1/4	6,772.11	1/4	7,035.92	1/4		1/4	
1/2	4,213.29	1/2	4,703.83	1/2	5,179.85	1/2	5,634.26	1/2	6,059.08	1/2	6,444.70	1/2	6,778.40	1/2	7,040.42	1/2		1/2	
3/4	4,223.61	3/4	4,713.93	3/4	5,189.57	3/4	5,643.45	3/4	6,067.57	3/4	6,452.24	3/4	6,784.70	3/4	7,044.91	3/4		3/4	
6	4,233.93	6	4,724.02	6	5,199.29	6	5,652.64	6	6,076.05	6	6,459.79	6	6,791.00	6	7,049.40	6		6	
1/4	4,244.24	1/4	4,734.09	1/4	5,208.96	1/4	5,661.78	1/4	6,084.46	1/4	6,467.24	1/4	6,797.17	1/4	7,053.70	1/4		1/4	
1/2	4,254.56	1/2	4,744.15	1/2	5,218.64	1/2	5,670.92	1/2	6,092.87	1/2	6,474.70	1/2	6,803.33	1/2	7,058.00	1/2		1/2	
3/4	4,264.88	3/4	4,754.22	3/4	5,228.32	3/4	5,680.05	3/4	6,101.28	3/4	6,482.16	3/4	6,809.50	3/4	7,062.30	3/4		3/4	
7	4,275.19	7	4,764.29	7	5,238.00	7	5,689.19	7	6,109.69	7	6,489.62	7	6,815.67	7	7,066.60	7		7	
1/4	4,285.48	1/4	4,774.33	1/4	5,247.64	1/4	5,698.27	1/4	6,118.03	1/4	6,496.98	1/4	6,821.71	1/4	7,070.70	1/4		1/4	
1/2	4,295.77	1/2	4,784.37	1/2	5,257.29	1/2	5,707.36	1/2	6,126.37	1/2	6,504.35	1/2	6,827.76	1/2	7,074.80	1/2		1/2	
3/4	4,306.07	3/4	4,794.41	3/4	5,266.93	3/4	5,716.44	3/4	6,134.71	3/4	6,511.71	3/4	6,833.81	3/4	7,078.90	3/4		3/4	
8	4,316.36	8	4,804.45	8	5,276.57	8	5,725.52	8	6,143.05	8	6,519.07	8	6,839.86	8	7,083.00	8		8	
1/4	4,326.64	1/4	4,814.46	1/4	5,286.17	1/4	5,734.55	1/4	6,151.32	1/4	6,526.33	1/4	6,845.77	1/4	7,086.88	1/4		1/4	
1/2	4,336.92	1/2	4,824.48	1/2	5,295.77	1/2	5,743.58	1/2	6,159.60	1/2	6,533.60	1/2	6,851.68	1/2	7,090.75	1/2		1/2	
3/4	4,347.20	3/4	4,834.49	3/4	5,305.38	3/4	5,752.61	3/4	6,167.87	3/4	6,540.86	3/4	6,857.59	3/4	7,094.63	3/4		3/4	
9	4,357.48	9	4,844.50	9	5,314.98	9	5,761.64	9	6,176.14	9	6,548.12	9	6,863.50	9	7,098.50	9		9	
1/4	4,367.74	1/4	4,854.48	1/4	5,324.54	1/4	5,770.62	1/4	6,184.34	1/4	6,555.29	1/4	6,869.28	1/4	7,102.15	1/4		1/4	
1/2	4,378.00	1/2	4,864.46	1/2	5,334.10	1/2	5,779.60	1/2	6,192.54	1/2	6,562.46	1/2	6,875.06	1/2	7,105.80	1/2		1/2	
3/4	4,388.26	3/4	4,874.45	3/4	5,343.65	3/4	5,788.57	3/4	6,200.73	3/4	6,569.64	3/4	6,880.84	3/4	7,109.45	3/4		3/4	
10	4,398.52	10	4,884.43	10	5,353.21	10	5,797.55	10	6,208.93	10	6,576.81	10	6,886.62	10	7,113.10	10		10	
1/4	4,408.77	1/4	4,894.38	1/4	5,362.73	1/4	5,806.46	1/4	6,217.04	1/4	6,583.88	1/4	6,892.24	1/4	7,116.49	1/4		1/4	
1/2	4,419.01	1/2	4,904.33	1/2	5,372.24	1/2	5,815.38	1/2	6,225.16	1/2	6,590.95	1/2	6,897.87	1/2	7,119.89	1/2		1/2	
3/4	4,429.26	3/4	4,914.29	3/4	5,381.75	3/4	5,824.30	3/4	6,233.27	3/4	6,598.02	3/4	6,903.49	3/4	7,123.29	3/4		3/4	
11	4,439.50	11	4,924.24	11	5,391.26	11	5,833.21	11	6,241.38	11	6,605.10	11	6,909.12	11	7,126.69	11		11	
1/4	4,449.73	1/4	4,934.16	1/4	5,400.74	1/4	5,842.07	1/4	6,249.43	1/4	6,612.07	1/4	6,914.61	1/4	7,129.82	1/4		1/4	
1/2	4,459.95	1/2	4,944.08	1/2	5,410.21	1/2	5,850.93	1/2	6,257.49	1/2	6,619.04	1/2	6,920.10	1/2	7,132.95	1/2		1/2	
3/4	4,470.18	3/4	4,954.01	3/4	5,419.69	3/4	5,859.79	3/4	6,265.54	3/4	6,626.01	3/4	6,925.58	3/4	7,136.08	3/4		3/4	

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