



# BARGE "CMS 1605"

## 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	0.12	0	188.00	0	524.93	0	949.79	0	1,437.01	0	1,970.19	0	2,536.73	0	3,126.04	0	3,728.63	0	4,335.59
1/4	1.27	1/4	193.91	1/4	533.06	1/4	959.41	1/4	1,447.73	1/4	1,981.71	1/4	2,548.82	1/4	3,138.50	1/4	3,741.26	1/4	4,348.22
1/2	2.41	1/2	199.81	1/2	541.18	1/2	969.03	1/2	1,458.45	1/2	1,993.24	1/2	2,560.92	1/2	3,150.95	1/2	3,753.90	1/2	4,360.85
3/4	3.55	3/4	205.72	3/4	549.31	3/4	978.65	3/4	1,469.16	3/4	2,004.76	3/4	2,573.01	3/4	3,163.41	3/4	3,766.53	3/4	4,373.47
1	4.70	1	211.63	1	557.44	1	988.28	1	1,479.88	1	2,016.28	1	2,585.10	1	3,175.87	1	3,779.16	1	4,386.10
1/4	6.79	1/4	217.76	1/4	565.71	1/4	998.00	1/4	1,490.68	1/4	2,027.86	1/4	2,597.24	1/4	3,188.35	1/4	3,791.80	1/4	4,398.71
1/2	8.88	1/2	223.89	1/2	573.98	1/2	1,007.73	1/2	1,501.47	1/2	2,039.44	1/2	2,609.37	1/2	3,200.83	1/2	3,804.44	1/2	4,411.33
3/4	10.97	3/4	230.02	3/4	582.25	3/4	1,017.45	3/4	1,512.26	3/4	2,051.02	3/4	2,621.50	3/4	3,213.31	3/4	3,817.08	3/4	4,423.95
2	13.06	2	236.15	2	590.52	2	1,027.18	2	1,523.06	2	2,062.60	2	2,633.63	2	3,225.79	2	3,829.72	2	4,436.57
1/4	15.76	1/4	242.51	1/4	598.93	1/4	1,037.00	1/4	1,533.93	1/4	2,074.24	1/4	2,645.80	1/4	3,238.29	1/4	3,842.37	1/4	4,449.17
1/2	18.46	1/2	248.88	1/2	607.34	1/2	1,046.83	1/2	1,544.80	1/2	2,085.87	1/2	2,657.97	1/2	3,250.79	1/2	3,855.01	1/2	4,461.78
3/4	21.17	3/4	255.25	3/4	615.75	3/4	1,056.66	3/4	1,555.67	3/4	2,097.50	3/4	2,670.14	3/4	3,263.29	3/4	3,867.66	3/4	4,474.39
3	23.87	3	261.61	3	624.16	3	1,066.48	3	1,566.54	3	2,109.14	3	2,682.31	3	3,275.79	3	3,880.30	3	4,486.99
1/4	27.07	1/4	268.21	1/4	632.71	1/4	1,076.41	1/4	1,577.48	1/4	2,120.82	1/4	2,694.51	1/4	3,288.31	1/4	3,892.95	1/4	4,499.59
1/2	30.27	1/2	274.80	1/2	641.26	1/2	1,086.34	1/2	1,588.42	1/2	2,132.51	1/2	2,706.71	1/2	3,300.83	1/2	3,905.60	1/2	4,512.19
3/4	33.47	3/4	281.40	3/4	649.80	3/4	1,096.26	3/4	1,599.37	3/4	2,144.20	3/4	2,718.92	3/4	3,313.35	3/4	3,918.25	3/4	4,524.78
4	36.67	4	288.00	4	658.35	4	1,106.19	4	1,610.31	4	2,155.88	4	2,731.12	4	3,325.87	4	3,930.90	4	4,537.38
1/4	40.29	1/4	294.79	1/4	667.03	1/4	1,116.21	1/4	1,621.32	1/4	2,167.62	1/4	2,743.36	1/4	3,338.41	1/4	3,943.55	1/4	4,549.96
1/2	43.92	1/2	301.58	1/2	675.71	1/2	1,126.24	1/2	1,632.34	1/2	2,179.36	1/2	2,755.59	1/2	3,350.95	1/2	3,956.20	1/2	4,562.54
3/4	47.54	3/4	308.37	3/4	684.39	3/4	1,136.26	3/4	1,643.35	3/4	2,191.10	3/4	2,767.83	3/4	3,363.49	3/4	3,968.85	3/4	4,575.13
5	51.17	5	315.16	5	693.07	5	1,146.28	5	1,654.37	5	2,202.84	5	2,780.07	5	3,376.02	5	3,981.50	5	4,587.71
1/4	55.17	1/4	322.14	1/4	701.88	1/4	1,156.40	1/4	1,665.45	1/4	2,214.62	1/4	2,792.34	1/4	3,388.58	1/4	3,994.15	1/4	4,600.28
1/2	59.17	1/2	329.11	1/2	710.69	1/2	1,166.52	1/2	1,676.54	1/2	2,226.41	1/2	2,804.61	1/2	3,401.13	1/2	4,006.81	1/2	4,612.85
3/4	63.17	3/4	336.09	3/4	719.49	3/4	1,176.64	3/4	1,687.62	3/4	2,238.20	3/4	2,816.88	3/4	3,413.68	3/4	4,019.46	3/4	4,625.42
6	67.17	6	343.07	6	728.30	6	1,186.76	6	1,698.71	6	2,249.99	6	2,829.15	6	3,426.24	6	4,032.11	6	4,637.99
1/4	71.52	1/4	350.23	1/4	737.24	1/4	1,196.97	1/4	1,709.86	1/4	2,261.82	1/4	2,841.45	1/4	3,438.81	1/4	4,044.76	1/4	4,650.54
1/2	75.86	1/2	357.39	1/2	746.17	1/2	1,207.18	1/2	1,721.01	1/2	2,273.66	1/2	2,853.75	1/2	3,451.38	1/2	4,057.42	1/2	4,663.09
3/4	80.20	3/4	364.55	3/4	755.10	3/4	1,217.39	3/4	1,732.16	3/4	2,285.49	3/4	2,866.05	3/4	3,463.95	3/4	4,070.07	3/4	4,675.65
7	84.55	7	371.71	7	764.04	7	1,227.60	7	1,743.32	7	2,297.33	7	2,878.35	7	3,476.52	7	4,082.72	7	4,688.20
1/4	89.20	1/4	379.04	1/4	773.09	1/4	1,237.90	1/4	1,754.53	1/4	2,309.21	1/4	2,890.68	1/4	3,489.10	1/4	4,095.37	1/4	4,700.74
1/2	93.86	1/2	386.38	1/2	782.15	1/2	1,248.19	1/2	1,765.75	1/2	2,321.09	1/2	2,903.01	1/2	3,501.68	1/2	4,108.02	1/2	4,713.28
3/4	98.52	3/4	393.71	3/4	791.21	3/4	1,258.49	3/4	1,776.97	3/4	2,332.98	3/4	2,915.34	3/4	3,514.26	3/4	4,120.68	3/4	4,725.81
8	103.18	8	401.05	8	800.26	8	1,268.79	8	1,788.19	8	2,344.86	8	2,927.67	8	3,526.85	8	4,133.33	8	4,738.35
1/4	108.11	1/4	408.55	1/4	809.44	1/4	1,279.18	1/4	1,799.47	1/4	2,356.79	1/4	2,940.03	1/4	3,539.44	1/4	4,145.97	1/4	4,750.87
1/2	113.03	1/2	416.05	1/2	818.61	1/2	1,289.57	1/2	1,810.75	1/2	2,368.71	1/2	2,952.39	1/2	3,552.04	1/2	4,158.62	1/2	4,763.39
3/4	117.96	3/4	423.55	3/4	827.79	3/4	1,299.96	3/4	1,822.04	3/4	2,380.64	3/4	2,964.75	3/4	3,564.63	3/4	4,171.27	3/4	4,775.91
9	122.88	9	431.06	9	836.96	9	1,310.35	9	1,833.32	9	2,392.57	9	2,977.11	9	3,577.23	9	4,183.92	9	4,788.43
1/4	128.05	1/4	438.72	1/4	846.25	1/4	1,320.82	1/4	1,844.67	1/4	2,404.54	1/4	2,989.49	1/4	3,589.84	1/4	4,196.57	1/4	4,800.93
1/2	133.23	1/2	446.39	1/2	855.54	1/2	1,331.29	1/2	1,856.01	1/2	2,416.51	1/2	3,001.88	1/2	3,602.44	1/2	4,209.21	1/2	4,813.43
3/4	138.40	3/4	454.06	3/4	864.83	3/4	1,341.76	3/4	1,867.36	3/4	2,428.48	3/4	3,014.26	3/4	3,615.05	3/4	4,221.86	3/4	4,825.93
10	143.57	10	461.72	10	874.12	10	1,352.24	10	1,878.70	10	2,440.46	10	3,026.65	10	3,627.66	10	4,234.50	10	4,838.43
1/4	149.00	1/4	469.55	1/4	883.53	1/4	1,362.79	1/4	1,890.11	1/4	2,452.47	1/4	3,039.06	1/4	3,640.28	1/4	4,247.14	1/4	4,850.91
1/2	154.43	1/2	477.37	1/2	892.93	1/2	1,373.35	1/2	1,901.51	1/2	2,464.48	1/2	3,051.47	1/2	3,652.89	1/2	4,259.78	1/2	4,863.39
3/4	159.87	3/4	485.20	3/4	902.34	3/4	1,383.91	3/4	1,912.92	3/4	2,476.50	3/4	3,063.88	3/4	3,665.51	3/4	4,272.42	3/4	4,875.87
11	165.30	11	493.02	11	911.74	11	1,394.46	11	1,924.33	11	2,488.51	11	3,076.30	11	3,678.13	11	4,285.06	11	4,888.35
1/4	170.97	1/4	501.00	1/4	921.25	1/4	1,405.10	1/4	1,935.79	1/4	2,500.57	1/4	3,088.73	1/4	3,690.75	1/4	4,297.69	1/4	4,900.81
1/2	176.65	1/2	508.97	1/2	930.77	1/2	1,415.74	1/2	1,947.26	1/2	2,512.62	1/2	3,101.17	1/2	3,703.38	1/2	4,310.33	1/2	4,913.27
3/4	182.32	3/4	516.95	3/4	940.28	3/4	1,426.38	3/4	1,958.73	3/4	2,524.67	3/4	3,113.60	3/4	3,716.00	3/4	4,322.96	3/4	4,925.73

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.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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# BARGE "CMS 1605"

## 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	4,938.19	0	5,527.49	0	6,094.03	0	6,627.21	0	7,114.43	0	7,539.29	0	7,876.74	0	8,065.34	0		0	
1/4	4,950.62	1/4	5,539.55	1/4	6,105.50	1/4	6,637.85	1/4	7,123.94	1/4	7,547.27	1/4	7,882.47	1/4		1/4		1/4	
1/2	4,963.06	1/2	5,551.60	1/2	6,116.96	1/2	6,648.49	1/2	7,133.46	1/2	7,555.25	1/2	7,888.20	1/2		1/2		1/2	
3/4	4,975.49	3/4	5,563.66	3/4	6,128.43	3/4	6,659.12	3/4	7,142.97	3/4	7,563.23	3/4	7,893.92	3/4		3/4		3/4	
1	4,987.93	1	5,575.71	1	6,139.90	1	6,669.76	1	7,152.49	1	7,571.20	1	7,899.65	1		1		1	
1/4	5,000.34	1/4	5,587.73	1/4	6,151.30	1/4	6,680.32	1/4	7,161.89	1/4	7,579.03	1/4	7,905.13	1/4		1/4		1/4	
1/2	5,012.75	1/2	5,599.74	1/2	6,162.71	1/2	6,690.87	1/2	7,171.29	1/2	7,586.85	1/2	7,910.62	1/2		1/2		1/2	
3/4	5,025.16	3/4	5,611.75	3/4	6,174.12	3/4	6,701.43	3/4	7,180.70	3/4	7,594.68	3/4	7,916.10	3/4		3/4		3/4	
2	5,037.57	2	5,623.77	2	6,185.52	2	6,711.99	2	7,190.10	2	7,602.50	2	7,921.58	2		2		2	
1/4	5,049.96	1/4	5,635.74	1/4	6,196.87	1/4	6,722.46	1/4	7,199.39	1/4	7,610.17	1/4	7,926.81	1/4		1/4		1/4	
1/2	5,062.35	1/2	5,647.71	1/2	6,208.21	1/2	6,732.93	1/2	7,208.68	1/2	7,617.83	1/2	7,932.03	1/2		1/2		1/2	
3/4	5,074.73	3/4	5,659.68	3/4	6,219.56	3/4	6,743.41	3/4	7,217.97	3/4	7,625.50	3/4	7,937.26	3/4		3/4		3/4	
3	5,087.12	3	5,671.65	3	6,230.90	3	6,753.88	3	7,227.26	3	7,633.17	3	7,942.48	3		3		3	
1/4	5,099.48	1/4	5,683.58	1/4	6,242.19	1/4	6,764.27	1/4	7,236.44	1/4	7,640.67	1/4	7,947.43	1/4		1/4		1/4	
1/2	5,111.83	1/2	5,695.51	1/2	6,253.47	1/2	6,774.65	1/2	7,245.61	1/2	7,648.17	1/2	7,952.38	1/2		1/2		1/2	
3/4	5,124.19	3/4	5,707.44	3/4	6,264.75	3/4	6,785.04	3/4	7,254.79	3/4	7,655.68	3/4	7,957.33	3/4		3/4		3/4	
4	5,136.55	4	5,719.36	4	6,276.04	4	6,795.43	4	7,263.96	4	7,663.18	4	7,962.29	4		4		4	
1/4	5,148.88	1/4	5,731.25	1/4	6,287.25	1/4	6,805.73	1/4	7,273.02	1/4	7,670.51	1/4	7,966.94	1/4		1/4		1/4	
1/2	5,161.21	1/2	5,743.13	1/2	6,298.47	1/2	6,816.03	1/2	7,282.07	1/2	7,677.85	1/2	7,971.60	1/2		1/2		1/2	
3/4	5,173.54	3/4	5,755.01	3/4	6,309.69	3/4	6,826.33	3/4	7,291.13	3/4	7,685.18	3/4	7,976.26	3/4		3/4		3/4	
5	5,185.87	5	5,766.90	5	6,320.91	5	6,836.63	5	7,300.19	5	7,692.51	5	7,980.92	5		5		5	
1/4	5,198.17	1/4	5,778.73	1/4	6,332.06	1/4	6,846.84	1/4	7,309.12	1/4	7,699.67	1/4	7,985.26	1/4		1/4		1/4	
1/2	5,210.47	1/2	5,790.57	1/2	6,343.21	1/2	6,857.05	1/2	7,318.05	1/2	7,706.83	1/2	7,989.61	1/2		1/2		1/2	
3/4	5,222.77	3/4	5,802.40	3/4	6,354.37	3/4	6,867.26	3/4	7,326.99	3/4	7,713.99	3/4	7,993.95	3/4		3/4		3/4	
6	5,235.08	6	5,814.24	6	6,365.52	6	6,877.47	6	7,335.92	6	7,721.15	6	7,998.29	6		6		6	
1/4	5,247.35	1/4	5,826.03	1/4	6,376.60	1/4	6,887.59	1/4	7,344.73	1/4	7,728.13	1/4	8,002.29	1/4		1/4		1/4	
1/2	5,259.61	1/2	5,837.81	1/2	6,387.69	1/2	6,897.70	1/2	7,353.54	1/2	7,735.11	1/2	8,006.30	1/2		1/2		1/2	
3/4	5,271.88	3/4	5,849.60	3/4	6,398.77	3/4	6,907.82	3/4	7,362.35	3/4	7,742.09	3/4	8,010.30	3/4		3/4		3/4	
7	5,284.15	7	5,861.39	7	6,409.86	7	6,917.94	7	7,371.16	7	7,749.07	7	8,014.30	7		7		7	
1/4	5,296.39	1/4	5,873.13	1/4	6,420.87	1/4	6,927.96	1/4	7,379.83	1/4	7,755.86	1/4	8,017.92	1/4		1/4		1/4	
1/2	5,308.63	1/2	5,884.86	1/2	6,431.88	1/2	6,937.99	1/2	7,388.51	1/2	7,762.65	1/2	8,021.55	1/2		1/2		1/2	
3/4	5,320.87	3/4	5,896.60	3/4	6,442.90	3/4	6,948.01	3/4	7,397.19	3/4	7,769.44	3/4	8,025.17	3/4		3/4		3/4	
8	5,333.10	8	5,908.34	8	6,453.91	8	6,958.03	8	7,405.87	8	7,776.23	8	8,028.80	8		8		8	
1/4	5,345.31	1/4	5,920.03	1/4	6,464.86	1/4	6,967.96	1/4	7,414.42	1/4	7,782.82	1/4	8,031.99	1/4		1/4		1/4	
1/2	5,357.51	1/2	5,931.71	1/2	6,475.80	1/2	6,977.89	1/2	7,422.97	1/2	7,789.42	1/2	8,035.19	1/2		1/2		1/2	
3/4	5,369.71	3/4	5,943.40	3/4	6,486.74	3/4	6,987.81	3/4	7,431.52	3/4	7,796.02	3/4	8,038.39	3/4		3/4		3/4	
9	5,381.92	9	5,955.09	9	6,497.69	9	6,997.74	9	7,440.06	9	7,802.61	9	8,041.59	9		9		9	
1/4	5,394.09	1/4	5,966.72	1/4	6,508.56	1/4	7,007.57	1/4	7,448.47	1/4	7,809.00	1/4	8,044.30	1/4		1/4		1/4	
1/2	5,406.25	1/2	5,978.35	1/2	6,519.43	1/2	7,017.39	1/2	7,456.88	1/2	7,815.40	1/2	8,047.00	1/2		1/2		1/2	
3/4	5,418.42	3/4	5,989.99	3/4	6,530.30	3/4	7,027.22	3/4	7,465.29	3/4	7,821.79	3/4	8,049.71	3/4		3/4		3/4	
10	5,430.59	10	6,001.62	10	6,541.16	10	7,037.05	10	7,473.71	10	7,828.18	10	8,052.41	10		10		10	
1/4	5,442.72	1/4	6,013.20	1/4	6,551.96	1/4	7,046.77	1/4	7,481.98	1/4	7,834.36	1/4	8,054.50	1/4		1/4		1/4	
1/2	5,454.86	1/2	6,024.78	1/2	6,562.75	1/2	7,056.50	1/2	7,490.25	1/2	7,840.54	1/2	8,056.59	1/2		1/2		1/2	
3/4	5,466.99	3/4	6,036.36	3/4	6,573.55	3/4	7,066.22	3/4	7,498.52	3/4	7,846.72	3/4	8,058.68	3/4		3/4		3/4	
11	5,479.12	11	6,047.94	11	6,584.34	11	7,075.95	11	7,506.79	11	7,852.90	11	8,060.77	11		11		11	
1/4	5,491.21	1/4	6,059.46	1/4	6,595.06	1/4	7,085.57	1/4	7,514.91	1/4	7,858.86	1/4	8,061.91	1/4		1/4		1/4	
1/2	5,503.31	1/2	6,070.99	1/2	6,605.78	1/2	7,095.19	1/2	7,523.04	1/2	7,864.82	1/2	8,063.05	1/2		1/2		1/2	
3/4	5,515.40	3/4	6,082.51	3/4	6,616.49	3/4	7,104.81	3/4	7,531.17	3/4	7,870.78	3/4	8,064.20	3/4		3/4		3/4	

STRAPPED: 02/05/2014 CL  
CALCULATED: 02/05/2014 CL  
PRINTED: 02/05/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2014

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.  
PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE "CMS 1605"

## 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	0.12	0	187.97	0	524.82	0	949.56	0	1,436.62	0	1,969.60	0	2,535.93	0	3,125.00	0	3,727.35	0	4,334.07
1/4	1.27	1/4	193.88	1/4	532.95	1/4	959.18	1/4	1,447.33	1/4	1,981.12	1/4	2,548.02	1/4	3,137.45	1/4	3,739.98	1/4	4,346.69
1/2	2.41	1/2	199.78	1/2	541.07	1/2	968.80	1/2	1,458.05	1/2	1,992.64	1/2	2,560.11	1/2	3,149.91	1/2	3,752.61	1/2	4,359.31
3/4	3.55	3/4	205.69	3/4	549.19	3/4	978.41	3/4	1,468.76	3/4	2,004.16	3/4	2,572.19	3/4	3,162.36	3/4	3,765.24	3/4	4,371.93
1	4.70	1	211.60	1	557.32	1	988.03	1	1,479.47	1	2,015.68	1	2,584.28	1	3,174.82	1	3,777.86	1	4,384.55
1/4	6.79	1/4	217.72	1/4	565.59	1/4	997.75	1/4	1,490.26	1/4	2,027.26	1/4	2,596.41	1/4	3,187.29	1/4	3,790.50	1/4	4,397.16
1/2	8.88	1/2	223.85	1/2	573.86	1/2	1,007.48	1/2	1,501.05	1/2	2,038.83	1/2	2,608.54	1/2	3,199.77	1/2	3,803.13	1/2	4,409.77
3/4	10.96	3/4	229.98	3/4	582.12	3/4	1,017.20	3/4	1,511.85	3/4	2,050.41	3/4	2,620.67	3/4	3,212.24	3/4	3,815.77	3/4	4,422.39
2	13.05	2	236.11	2	590.39	2	1,026.92	2	1,522.64	2	2,061.98	2	2,632.79	2	3,224.72	2	3,828.40	2	4,435.00
1/4	15.76	1/4	242.47	1/4	598.80	1/4	1,036.74	1/4	1,533.50	1/4	2,073.61	1/4	2,644.96	1/4	3,237.21	1/4	3,841.04	1/4	4,447.60
1/2	18.46	1/2	248.84	1/2	607.21	1/2	1,046.57	1/2	1,544.37	1/2	2,085.24	1/2	2,657.12	1/2	3,249.71	1/2	3,853.68	1/2	4,460.20
3/4	21.17	3/4	255.20	3/4	615.62	3/4	1,056.39	3/4	1,555.23	3/4	2,096.87	3/4	2,669.28	3/4	3,262.20	3/4	3,866.32	3/4	4,472.80
3	23.87	3	261.57	3	624.03	3	1,066.22	3	1,566.10	3	2,108.50	3	2,681.45	3	3,274.70	3	3,878.96	3	4,485.40
1/4	27.07	1/4	268.16	1/4	632.57	1/4	1,076.14	1/4	1,577.04	1/4	2,120.18	1/4	2,693.65	1/4	3,287.21	1/4	3,891.61	1/4	4,498.00
1/2	30.27	1/2	274.76	1/2	641.12	1/2	1,086.06	1/2	1,587.98	1/2	2,131.86	1/2	2,705.84	1/2	3,299.73	1/2	3,904.25	1/2	4,510.59
3/4	33.47	3/4	281.35	3/4	649.66	3/4	1,095.99	3/4	1,598.92	3/4	2,143.55	3/4	2,718.04	3/4	3,312.24	3/4	3,916.89	3/4	4,523.18
4	36.67	4	287.95	4	658.21	4	1,105.91	4	1,609.86	4	2,155.23	4	2,730.24	4	3,324.76	4	3,929.54	4	4,535.77
1/4	40.29	1/4	294.74	1/4	666.88	1/4	1,115.93	1/4	1,620.87	1/4	2,166.96	1/4	2,742.47	1/4	3,337.29	1/4	3,942.18	1/4	4,548.35
1/2	43.91	1/2	301.52	1/2	675.56	1/2	1,125.95	1/2	1,631.88	1/2	2,178.69	1/2	2,754.71	1/2	3,349.82	1/2	3,954.83	1/2	4,560.92
3/4	47.54	3/4	308.31	3/4	684.24	3/4	1,135.97	3/4	1,642.89	3/4	2,190.43	3/4	2,766.94	3/4	3,362.35	3/4	3,967.47	3/4	4,573.50
5	51.16	5	315.10	5	692.91	5	1,145.99	5	1,653.90	5	2,202.16	5	2,779.17	5	3,374.89	5	3,980.12	5	4,586.08
1/4	55.16	1/4	322.08	1/4	701.72	1/4	1,156.10	1/4	1,664.98	1/4	2,213.94	1/4	2,791.44	1/4	3,387.44	1/4	3,992.77	1/4	4,598.64
1/2	59.16	1/2	329.06	1/2	710.53	1/2	1,166.22	1/2	1,676.06	1/2	2,225.73	1/2	2,803.70	1/2	3,399.98	1/2	4,005.41	1/2	4,611.21
3/4	63.16	3/4	336.03	3/4	719.33	3/4	1,176.33	3/4	1,687.14	3/4	2,237.51	3/4	2,815.97	3/4	3,412.53	3/4	4,018.06	3/4	4,623.77
6	67.16	6	343.01	6	728.14	6	1,186.45	6	1,698.22	6	2,249.29	6	2,828.23	6	3,425.08	6	4,030.71	6	4,636.33
1/4	71.51	1/4	350.17	1/4	737.07	1/4	1,196.65	1/4	1,709.37	1/4	2,261.13	1/4	2,840.53	1/4	3,437.65	1/4	4,043.36	1/4	4,648.88
1/2	75.85	1/2	357.33	1/2	746.00	1/2	1,206.86	1/2	1,720.52	1/2	2,272.96	1/2	2,852.82	1/2	3,450.21	1/2	4,056.00	1/2	4,661.43
3/4	80.19	3/4	364.48	3/4	754.93	3/4	1,217.07	3/4	1,731.66	3/4	2,284.79	3/4	2,865.12	3/4	3,462.77	3/4	4,068.65	3/4	4,673.98
7	84.54	7	371.64	7	763.86	7	1,227.27	7	1,742.81	7	2,296.62	7	2,877.41	7	3,475.34	7	4,081.30	7	4,686.53
1/4	89.19	1/4	378.97	1/4	772.92	1/4	1,237.57	1/4	1,754.03	1/4	2,308.50	1/4	2,889.74	1/4	3,487.92	1/4	4,093.94	1/4	4,699.06
1/2	93.85	1/2	386.31	1/2	781.97	1/2	1,247.87	1/2	1,765.24	1/2	2,320.38	1/2	2,902.07	1/2	3,500.49	1/2	4,106.59	1/2	4,711.59
3/4	98.51	3/4	393.64	3/4	791.02	3/4	1,258.16	3/4	1,776.46	3/4	2,332.25	3/4	2,914.39	3/4	3,513.07	3/4	4,119.24	3/4	4,724.13
8	103.17	8	400.97	8	800.08	8	1,268.46	8	1,787.67	8	2,344.13	8	2,926.72	8	3,525.65	8	4,131.88	8	4,736.66
1/4	108.09	1/4	408.47	1/4	809.25	1/4	1,278.84	1/4	1,798.95	1/4	2,356.05	1/4	2,939.07	1/4	3,538.24	1/4	4,144.52	1/4	4,749.17
1/2	113.02	1/2	415.97	1/2	818.42	1/2	1,289.23	1/2	1,810.23	1/2	2,367.98	1/2	2,951.42	1/2	3,550.83	1/2	4,157.17	1/2	4,761.69
3/4	117.94	3/4	423.47	3/4	827.59	3/4	1,299.61	3/4	1,821.51	3/4	2,379.90	3/4	2,963.78	3/4	3,563.42	3/4	4,169.81	3/4	4,774.20
9	122.86	9	430.97	9	836.77	9	1,310.00	9	1,832.79	9	2,391.82	9	2,976.13	9	3,576.01	9	4,182.46	9	4,786.72
1/4	128.04	1/4	438.64	1/4	846.05	1/4	1,320.46	1/4	1,844.13	1/4	2,403.79	1/4	2,988.51	1/4	3,588.61	1/4	4,195.09	1/4	4,799.21
1/2	133.21	1/2	446.30	1/2	855.34	1/2	1,330.93	1/2	1,855.47	1/2	2,415.76	1/2	3,000.89	1/2	3,601.22	1/2	4,207.73	1/2	4,811.71
3/4	138.38	3/4	453.97	3/4	864.63	3/4	1,341.40	3/4	1,866.81	3/4	2,427.72	3/4	3,013.27	3/4	3,613.82	3/4	4,220.37	3/4	4,824.20
10	143.55	10	461.63	10	873.92	10	1,351.87	10	1,878.15	10	2,439.69	10	3,025.65	10	3,626.42	10	4,233.01	10	4,836.70
1/4	148.98	1/4	469.45	1/4	883.32	1/4	1,362.43	1/4	1,889.55	1/4	2,451.70	1/4	3,038.06	1/4	3,639.03	1/4	4,245.65	1/4	4,849.18
1/2	154.41	1/2	477.28	1/2	892.72	1/2	1,372.98	1/2	1,900.95	1/2	2,463.71	1/2	3,050.47	1/2	3,651.64	1/2	4,258.28	1/2	4,861.65
3/4	159.84	3/4	485.10	3/4	902.12	3/4	1,383.53	3/4	1,912.36	3/4	2,475.72	3/4	3,062.87	3/4	3,664.26	3/4	4,270.92	3/4	4,874.13
11	165.27	11	492.92	11	911.52	11	1,394.08	11	1,923.76	11	2,487.73	11	3,075.28	11	3,676.87	11	4,283.55	11	4,886.60
1/4	170.95	1/4	500.90	1/4	921.03	1/4	1,404.72	1/4	1,935.22	1/4	2,499.78	1/4	3,087.71	1/4	3,689.49	1/4	4,296.18	1/4	4,899.05
1/2	176.62	1/2	508.87	1/2	930.54	1/2	1,415.35	1/2	1,946.68	1/2	2,511.83	1/2	3,100.14	1/2	3,702.11	1/2	4,308.81	1/2	4,911.51
3/4	182.30	3/4	516.85	3/4	940.05	3/4	1,425.99	3/4	1,958.14	3/4	2,523.88	3/4	3,112.57	3/4	3,714.73	3/4	4,321.44	3/4	4,923.96

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.

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# BARGE "CMS 1605"

## 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	4,936.42	0	5,525.49	0	6,091.81	0	6,624.80	0	7,111.86	0	7,536.59	0	7,873.96	0	8,062.53	0		0	
1/4	4,948.85	1/4	5,537.54	1/4	6,103.27	1/4	6,635.43	1/4	7,121.37	1/4	7,544.57	1/4	7,879.69	1/4		1/4		1/4	
1/2	4,961.28	1/2	5,549.59	1/2	6,114.73	1/2	6,646.06	1/2	7,130.88	1/2	7,552.55	1/2	7,885.41	1/2		1/2		1/2	
3/4	4,973.71	3/4	5,561.64	3/4	6,126.20	3/4	6,656.70	3/4	7,140.39	3/4	7,560.52	3/4	7,891.14	3/4		3/4		3/4	
1	4,986.14	1	5,573.69	1	6,137.66	1	6,667.33	1	7,149.90	1	7,568.50	1	7,896.87	1		1		1	
1/4	4,998.54	1/4	5,585.70	1/4	6,149.06	1/4	6,677.88	1/4	7,159.30	1/4	7,576.32	1/4	7,902.35	1/4		1/4		1/4	
1/2	5,010.95	1/2	5,597.71	1/2	6,160.46	1/2	6,688.44	1/2	7,168.70	1/2	7,584.14	1/2	7,907.83	1/2		1/2		1/2	
3/4	5,023.36	3/4	5,609.72	3/4	6,171.86	3/4	6,698.99	3/4	7,178.10	3/4	7,591.96	3/4	7,913.31	3/4		3/4		3/4	
2	5,035.76	2	5,621.73	2	6,183.27	2	6,709.54	2	7,187.50	2	7,599.79	2	7,918.79	2		2		2	
1/4	5,048.14	1/4	5,633.69	1/4	6,194.61	1/4	6,720.01	1/4	7,196.79	1/4	7,607.45	1/4	7,924.02	1/4		1/4		1/4	
1/2	5,060.52	1/2	5,645.66	1/2	6,205.95	1/2	6,730.48	1/2	7,206.08	1/2	7,615.11	1/2	7,929.24	1/2		1/2		1/2	
3/4	5,072.90	3/4	5,657.63	3/4	6,217.29	3/4	6,740.95	3/4	7,215.36	3/4	7,622.78	3/4	7,934.47	3/4		3/4		3/4	
3	5,085.29	3	5,669.59	3	6,228.63	3	6,751.42	3	7,224.65	3	7,630.44	3	7,939.69	3		3		3	
1/4	5,097.64	1/4	5,681.52	1/4	6,239.91	1/4	6,761.81	1/4	7,233.82	1/4	7,637.94	1/4	7,944.64	1/4		1/4		1/4	
1/2	5,109.99	1/2	5,693.44	1/2	6,251.19	1/2	6,772.19	1/2	7,243.00	1/2	7,645.44	1/2	7,949.59	1/2		1/2		1/2	
3/4	5,122.35	3/4	5,705.36	3/4	6,262.47	3/4	6,782.57	3/4	7,252.17	3/4	7,652.95	3/4	7,954.54	3/4		3/4		3/4	
4	5,134.70	4	5,717.29	4	6,273.75	4	6,792.96	4	7,261.34	4	7,660.45	4	7,959.49	4		4		4	
1/4	5,147.03	1/4	5,729.16	1/4	6,284.96	1/4	6,803.25	1/4	7,270.39	1/4	7,667.78	1/4	7,964.15	1/4		1/4		1/4	
1/2	5,159.35	1/2	5,741.04	1/2	6,296.17	1/2	6,813.55	1/2	7,279.45	1/2	7,675.11	1/2	7,968.81	1/2		1/2		1/2	
3/4	5,171.68	3/4	5,752.92	3/4	6,307.39	3/4	6,823.85	3/4	7,288.50	3/4	7,682.44	3/4	7,973.46	3/4		3/4		3/4	
5	5,184.00	5	5,764.80	5	6,318.60	5	6,834.14	5	7,297.55	5	7,689.78	5	7,978.12	5		5		5	
1/4	5,196.30	1/4	5,776.63	1/4	6,329.75	1/4	6,844.35	1/4	7,306.48	1/4	7,696.93	1/4	7,982.46	1/4		1/4		1/4	
1/2	5,208.59	1/2	5,788.46	1/2	6,340.90	1/2	6,854.56	1/2	7,315.42	1/2	7,704.09	1/2	7,986.81	1/2		1/2		1/2	
3/4	5,220.89	3/4	5,800.29	3/4	6,352.05	3/4	6,864.76	3/4	7,324.35	3/4	7,711.25	3/4	7,991.15	3/4		3/4		3/4	
6	5,233.19	6	5,812.12	6	6,363.20	6	6,874.97	6	7,333.28	6	7,718.41	6	7,995.49	6		6		6	
1/4	5,245.45	1/4	5,823.91	1/4	6,374.28	1/4	6,885.08	1/4	7,342.08	1/4	7,725.38	1/4	7,999.49	1/4		1/4		1/4	
1/2	5,257.72	1/2	5,835.69	1/2	6,385.36	1/2	6,895.20	1/2	7,350.89	1/2	7,732.36	1/2	8,003.50	1/2		1/2		1/2	
3/4	5,269.98	3/4	5,847.47	3/4	6,396.44	3/4	6,905.31	3/4	7,359.70	3/4	7,739.34	3/4	8,007.50	3/4		3/4		3/4	
7	5,282.25	7	5,859.26	7	6,407.52	7	6,915.43	7	7,368.50	7	7,746.31	7	8,011.50	7		7		7	
1/4	5,294.48	1/4	5,870.99	1/4	6,418.53	1/4	6,925.45	1/4	7,377.18	1/4	7,753.10	1/4	8,015.12	1/4		1/4		1/4	
1/2	5,306.71	1/2	5,882.72	1/2	6,429.54	1/2	6,935.47	1/2	7,385.86	1/2	7,759.89	1/2	8,018.74	1/2		1/2		1/2	
3/4	5,318.94	3/4	5,894.46	3/4	6,440.55	3/4	6,945.49	3/4	7,394.53	3/4	7,766.68	3/4	8,022.37	3/4		3/4		3/4	
8	5,331.17	8	5,906.19	8	6,451.56	8	6,955.51	8	7,403.21	8	7,773.47	8	8,025.99	8		8		8	
1/4	5,343.37	1/4	5,917.87	1/4	6,462.50	1/4	6,965.43	1/4	7,411.76	1/4	7,780.06	1/4	8,029.19	1/4		1/4		1/4	
1/2	5,355.57	1/2	5,929.55	1/2	6,473.44	1/2	6,975.35	1/2	7,420.30	1/2	7,786.66	1/2	8,032.39	1/2		1/2		1/2	
3/4	5,367.77	3/4	5,941.24	3/4	6,484.38	3/4	6,985.28	3/4	7,428.84	3/4	7,793.25	3/4	8,035.59	3/4		3/4		3/4	
9	5,379.97	9	5,952.92	9	6,495.32	9	6,995.20	9	7,437.39	9	7,799.85	9	8,038.79	9		9		9	
1/4	5,392.13	1/4	5,964.55	1/4	6,506.18	1/4	7,005.02	1/4	7,445.80	1/4	7,806.24	1/4	8,041.49	1/4		1/4		1/4	
1/2	5,404.30	1/2	5,976.18	1/2	6,517.05	1/2	7,014.85	1/2	7,454.21	1/2	7,812.63	1/2	8,044.19	1/2		1/2		1/2	
3/4	5,416.46	3/4	5,987.81	3/4	6,527.91	3/4	7,024.67	3/4	7,462.62	3/4	7,819.02	3/4	8,046.90	3/4		3/4		3/4	
10	5,428.62	10	5,999.44	10	6,538.78	10	7,034.50	10	7,471.02	10	7,825.41	10	8,049.60	10		10		10	
1/4	5,440.75	1/4	6,011.01	1/4	6,549.57	1/4	7,044.22	1/4	7,479.29	1/4	7,831.59	1/4	8,051.69	1/4		1/4		1/4	
1/2	5,452.88	1/2	6,022.59	1/2	6,560.36	1/2	7,053.94	1/2	7,487.56	1/2	7,837.77	1/2	8,053.78	1/2		1/2		1/2	
3/4	5,465.01	3/4	6,034.16	3/4	6,571.15	3/4	7,063.66	3/4	7,495.83	3/4	7,843.95	3/4	8,055.87	3/4		3/4		3/4	
11	5,477.13	11	6,045.74	11	6,581.94	11	7,073.38	11	7,504.10	11	7,850.13	11	8,057.96	11		11		11	
1/4	5,489.22	1/4	6,057.25	1/4	6,592.66	1/4	7,083.00	1/4	7,512.22	1/4	7,856.09	1/4	8,059.10	1/4		1/4		1/4	
1/2	5,501.31	1/2	6,068.77	1/2	6,603.37	1/2	7,092.62	1/2	7,520.35	1/2	7,862.05	1/2	8,060.25	1/2		1/2		1/2	
3/4	5,513.40	3/4	6,080.29	3/4	6,614.08	3/4	7,102.24	3/4	7,528.47	3/4	7,868.00	3/4	8,061.39	3/4		3/4		3/4	

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