



BARGE "FMT 2046"

PORT HORIZONTAL INNAGE TABLE BERGAN GAUGE

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	187.94	0	524.82	0	949.66	0	1,436.89	0	1,970.09	0	2,536.68	0	3,126.06	0	3,728.73	0	4,335.77
1/4	1.27	1/4	193.85	1/4	532.95	1/4	959.28	1/4	1,447.60	1/4	1,981.62	1/4	2,548.78	1/4	3,138.52	1/4	3,741.37	1/4	4,348.40
1/2	2.41	1/2	199.76	1/2	541.07	1/2	968.90	1/2	1,458.32	1/2	1,993.14	1/2	2,560.87	1/2	3,150.98	1/2	3,754.00	1/2	4,361.03
3/4	3.55	3/4	205.66	3/4	549.20	3/4	978.52	3/4	1,469.04	3/4	2,004.67	3/4	2,572.97	3/4	3,163.44	3/4	3,766.64	3/4	4,373.66
1	4.69	1	211.57	1	557.33	1	988.14	1	1,479.76	1	2,016.19	1	2,585.07	1	3,175.90	1	3,779.27	1	4,386.28
1/4	6.78	1/4	217.70	1/4	565.60	1/4	997.87	1/4	1,490.55	1/4	2,027.77	1/4	2,597.20	1/4	3,188.38	1/4	3,791.91	1/4	4,398.90
1/2	8.87	1/2	223.82	1/2	573.87	1/2	1,007.59	1/2	1,501.35	1/2	2,039.35	1/2	2,609.33	1/2	3,200.86	1/2	3,804.55	1/2	4,411.52
3/4	10.96	3/4	229.95	3/4	582.14	3/4	1,017.32	3/4	1,512.14	3/4	2,050.93	3/4	2,621.46	3/4	3,213.35	3/4	3,817.20	3/4	4,424.14
2	13.05	2	236.08	2	590.41	2	1,027.04	2	1,522.94	2	2,062.51	2	2,633.60	2	3,225.83	2	3,829.84	2	4,436.76
1/4	15.75	1/4	242.45	1/4	598.82	1/4	1,036.87	1/4	1,533.81	1/4	2,074.15	1/4	2,645.77	1/4	3,238.33	1/4	3,842.48	1/4	4,449.37
1/2	18.46	1/2	248.81	1/2	607.23	1/2	1,046.70	1/2	1,544.68	1/2	2,085.78	1/2	2,657.94	1/2	3,250.83	1/2	3,855.13	1/2	4,461.98
3/4	21.16	3/4	255.18	3/4	615.64	3/4	1,056.53	3/4	1,555.55	3/4	2,097.42	3/4	2,670.11	3/4	3,263.33	3/4	3,867.78	3/4	4,474.59
3	23.86	3	261.54	3	624.05	3	1,066.35	3	1,566.42	3	2,109.05	3	2,682.28	3	3,275.84	3	3,880.42	3	4,487.19
1/4	27.06	1/4	268.14	1/4	632.59	1/4	1,076.28	1/4	1,577.36	1/4	2,120.74	1/4	2,694.48	1/4	3,288.36	1/4	3,893.07	1/4	4,499.79
1/2	30.26	1/2	274.73	1/2	641.14	1/2	1,086.21	1/2	1,588.30	1/2	2,132.43	1/2	2,706.69	1/2	3,300.88	1/2	3,905.72	1/2	4,512.39
3/4	33.46	3/4	281.33	3/4	649.69	3/4	1,096.13	3/4	1,599.25	3/4	2,144.11	3/4	2,718.89	3/4	3,313.40	3/4	3,918.37	3/4	4,524.99
4	36.66	4	287.92	4	658.23	4	1,106.06	4	1,610.19	4	2,155.80	4	2,731.10	4	3,325.92	4	3,931.02	4	4,537.58
1/4	40.28	1/4	294.71	1/4	666.91	1/4	1,116.08	1/4	1,621.21	1/4	2,167.54	1/4	2,743.34	1/4	3,338.46	1/4	3,943.68	1/4	4,550.17
1/2	43.90	1/2	301.50	1/2	675.59	1/2	1,126.10	1/2	1,632.22	1/2	2,179.28	1/2	2,755.57	1/2	3,351.00	1/2	3,956.33	1/2	4,562.75
3/4	47.52	3/4	308.29	3/4	684.27	3/4	1,136.13	3/4	1,643.24	3/4	2,191.02	3/4	2,767.81	3/4	3,363.54	3/4	3,968.98	3/4	4,575.34
5	51.15	5	315.08	5	692.95	5	1,146.15	5	1,654.25	5	2,202.76	5	2,780.05	5	3,376.08	5	3,981.64	5	4,587.92
1/4	55.15	1/4	322.06	1/4	701.76	1/4	1,156.27	1/4	1,665.34	1/4	2,214.55	1/4	2,792.32	1/4	3,388.63	1/4	3,994.29	1/4	4,600.49
1/2	59.15	1/2	329.03	1/2	710.56	1/2	1,166.39	1/2	1,676.42	1/2	2,226.33	1/2	2,804.59	1/2	3,401.19	1/2	4,006.94	1/2	4,613.06
3/4	63.15	3/4	336.01	3/4	719.37	3/4	1,176.51	3/4	1,687.51	3/4	2,238.12	3/4	2,816.86	3/4	3,413.74	3/4	4,019.60	3/4	4,625.63
6	67.15	6	342.99	6	728.18	6	1,186.62	6	1,698.59	6	2,249.91	6	2,829.14	6	3,426.30	6	4,032.25	6	4,638.21
1/4	71.49	1/4	350.15	1/4	737.11	1/4	1,196.83	1/4	1,709.74	1/4	2,261.75	1/4	2,841.44	1/4	3,438.87	1/4	4,044.91	1/4	4,650.76
1/2	75.83	1/2	357.30	1/2	746.05	1/2	1,207.04	1/2	1,720.90	1/2	2,273.59	1/2	2,853.74	1/2	3,451.44	1/2	4,057.56	1/2	4,663.32
3/4	80.17	3/4	364.46	3/4	754.98	3/4	1,217.25	3/4	1,732.05	3/4	2,285.42	3/4	2,866.04	3/4	3,464.01	3/4	4,070.21	3/4	4,675.87
7	84.52	7	371.62	7	763.91	7	1,227.46	7	1,743.20	7	2,297.26	7	2,878.34	7	3,476.58	7	4,082.87	7	4,688.43
1/4	89.17	1/4	378.95	1/4	772.97	1/4	1,237.76	1/4	1,754.42	1/4	2,309.14	1/4	2,890.68	1/4	3,489.17	1/4	4,095.52	1/4	4,700.97
1/2	93.83	1/2	386.29	1/2	782.03	1/2	1,248.06	1/2	1,765.64	1/2	2,321.03	1/2	2,903.01	1/2	3,501.75	1/2	4,108.17	1/2	4,713.51
3/4	98.49	3/4	393.62	3/4	791.08	3/4	1,258.36	3/4	1,776.86	3/4	2,332.91	3/4	2,915.34	3/4	3,514.34	3/4	4,120.83	3/4	4,726.04
8	103.15	8	400.95	8	800.14	8	1,268.66	8	1,788.08	8	2,344.80	8	2,927.67	8	3,526.92	8	4,133.48	8	4,738.58
1/4	108.07	1/4	408.46	1/4	809.31	1/4	1,279.05	1/4	1,799.36	1/4	2,356.72	1/4	2,940.03	1/4	3,539.52	1/4	4,146.13	1/4	4,751.11
1/2	112.99	1/2	415.96	1/2	818.49	1/2	1,289.44	1/2	1,810.65	1/2	2,368.65	1/2	2,952.39	1/2	3,552.12	1/2	4,158.78	1/2	4,763.63
3/4	117.92	3/4	423.46	3/4	827.66	3/4	1,299.83	3/4	1,821.93	3/4	2,380.58	3/4	2,964.75	3/4	3,564.71	3/4	4,171.43	3/4	4,776.15
9	122.84	9	430.96	9	836.83	9	1,310.21	9	1,833.21	9	2,392.51	9	2,977.11	9	3,577.31	9	4,184.08	9	4,788.67
1/4	128.01	1/4	438.63	1/4	846.13	1/4	1,320.69	1/4	1,844.56	1/4	2,404.48	1/4	2,989.50	1/4	3,589.92	1/4	4,196.73	1/4	4,801.17
1/2	133.18	1/2	446.29	1/2	855.42	1/2	1,331.16	1/2	1,855.91	1/2	2,416.46	1/2	3,001.89	1/2	3,602.53	1/2	4,209.37	1/2	4,813.67
3/4	138.36	3/4	453.96	3/4	864.71	3/4	1,341.63	3/4	1,867.25	3/4	2,428.43	3/4	3,014.27	3/4	3,615.14	3/4	4,222.02	3/4	4,826.18
10	143.53	10	461.62	10	874.00	10	1,352.11	10	1,878.60	10	2,440.40	10	3,026.66	10	3,627.75	10	4,234.67	10	4,838.68
1/4	148.96	1/4	469.45	1/4	883.40	1/4	1,362.66	1/4	1,890.01	1/4	2,452.42	1/4	3,039.07	1/4	3,640.36	1/4	4,247.31	1/4	4,851.16
1/2	154.39	1/2	477.27	1/2	892.80	1/2	1,373.22	1/2	1,901.41	1/2	2,464.43	1/2	3,051.49	1/2	3,652.98	1/2	4,259.95	1/2	4,863.64
3/4	159.82	3/4	485.09	3/4	902.21	3/4	1,383.78	3/4	1,912.82	3/4	2,476.45	3/4	3,063.90	3/4	3,665.60	3/4	4,272.59	3/4	4,876.12
11	165.25	11	492.92	11	911.61	11	1,394.33	11	1,924.23	11	2,488.46	11	3,076.31	11	3,678.22	11	4,285.23	11	4,888.60
1/4	170.92	1/4	500.89	1/4	921.12	1/4	1,404.97	1/4	1,935.69	1/4	2,500.52	1/4	3,088.75	1/4	3,690.85	1/4	4,297.87	1/4	4,901.06
1/2	176.59	1/2	508.87	1/2	930.64	1/2	1,415.61	1/2	1,947.16	1/2	2,512.57	1/2	3,101.19	1/2	3,703.48	1/2	4,310.50	1/2	4,913.52
3/4	182.27	3/4	516.85	3/4	940.15	3/4	1,426.25	3/4	1,958.63	3/4	2,524.63	3/4	3,113.62	3/4	3,716.10	3/4	4,323.14	3/4	4,925.98

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

PEARLAND MEASUREMENT
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BARGE "FMT 2046"

PORT HORIZONTAL INNAGE TABLE BERGAN GAUGE

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	4,938.44	0	5,527.82	0	6,094.41	0	6,627.62	0	7,114.84	0	7,539.68	0	7,877.08	0	8,065.62	0		0	
1/4	4,950.88	1/4	5,539.88	1/4	6,105.88	1/4	6,638.26	1/4	7,124.36	1/4	7,547.66	1/4	7,882.80	1/4		1/4		1/4	
1/2	4,963.32	1/2	5,551.93	1/2	6,117.34	1/2	6,648.89	1/2	7,133.87	1/2	7,555.63	1/2	7,888.53	1/2		1/2		1/2	
3/4	4,975.76	3/4	5,563.99	3/4	6,128.81	3/4	6,659.53	3/4	7,143.38	3/4	7,563.61	3/4	7,894.26	3/4		3/4		3/4	
1	4,988.19	1	5,576.04	1	6,140.28	1	6,670.17	1	7,152.90	1	7,571.59	1	7,899.98	1		1		1	
1/4	5,000.61	1/4	5,588.06	1/4	6,151.68	1/4	6,680.73	1/4	7,162.30	1/4	7,579.41	1/4	7,905.46	1/4		1/4		1/4	
1/2	5,013.02	1/2	5,600.07	1/2	6,163.09	1/2	6,691.28	1/2	7,171.70	1/2	7,587.24	1/2	7,910.94	1/2		1/2		1/2	
3/4	5,025.43	3/4	5,612.09	3/4	6,174.50	3/4	6,701.84	3/4	7,181.11	3/4	7,595.06	3/4	7,916.43	3/4		3/4		3/4	
2	5,037.84	2	5,624.10	2	6,185.91	2	6,712.40	2	7,190.51	2	7,602.88	2	7,921.91	2		2		2	
1/4	5,050.23	1/4	5,636.08	1/4	6,197.25	1/4	6,722.87	1/4	7,199.80	1/4	7,610.55	1/4	7,927.13	1/4		1/4		1/4	
1/2	5,062.62	1/2	5,648.05	1/2	6,208.60	1/2	6,733.34	1/2	7,209.09	1/2	7,618.21	1/2	7,932.36	1/2		1/2		1/2	
3/4	5,075.01	3/4	5,660.02	3/4	6,219.94	3/4	6,743.82	3/4	7,218.38	3/4	7,625.88	3/4	7,937.58	3/4		3/4		3/4	
3	5,087.39	3	5,671.99	3	6,231.29	3	6,754.29	3	7,227.67	3	7,633.54	3	7,942.80	3		3		3	
1/4	5,099.75	1/4	5,683.92	1/4	6,242.57	1/4	6,764.68	1/4	7,236.84	1/4	7,641.05	1/4	7,947.75	1/4		1/4		1/4	
1/2	5,112.11	1/2	5,695.85	1/2	6,253.86	1/2	6,775.07	1/2	7,246.02	1/2	7,648.55	1/2	7,952.70	1/2		1/2		1/2	
3/4	5,124.47	3/4	5,707.78	3/4	6,265.14	3/4	6,785.45	3/4	7,255.19	3/4	7,656.05	3/4	7,957.65	3/4		3/4		3/4	
4	5,136.83	4	5,719.71	4	6,276.43	4	6,795.84	4	7,264.37	4	7,663.55	4	7,962.60	4		4		4	
1/4	5,149.17	1/4	5,731.59	1/4	6,287.64	1/4	6,806.14	1/4	7,273.42	1/4	7,670.88	1/4	7,967.26	1/4		1/4		1/4	
1/2	5,161.50	1/2	5,743.48	1/2	6,298.86	1/2	6,816.44	1/2	7,282.48	1/2	7,678.22	1/2	7,971.91	1/2		1/2		1/2	
3/4	5,173.83	3/4	5,755.36	3/4	6,310.08	3/4	6,826.74	3/4	7,291.54	3/4	7,685.55	3/4	7,976.57	3/4		3/4		3/4	
5	5,186.16	5	5,767.24	5	6,321.30	5	6,837.04	5	7,300.59	5	7,692.88	5	7,981.23	5		5		5	
1/4	5,198.46	1/4	5,779.08	1/4	6,332.45	1/4	6,847.25	1/4	7,309.52	1/4	7,700.04	1/4	7,985.57	1/4		1/4		1/4	
1/2	5,210.76	1/2	5,790.92	1/2	6,343.61	1/2	6,857.46	1/2	7,318.46	1/2	7,707.20	1/2	7,989.91	1/2		1/2		1/2	
3/4	5,223.07	3/4	5,802.76	3/4	6,354.76	3/4	6,867.67	3/4	7,327.39	3/4	7,714.36	3/4	7,994.26	3/4		3/4		3/4	
6	5,235.37	6	5,814.59	6	6,365.91	6	6,877.88	6	7,336.32	6	7,721.52	6	7,998.60	6		6		6	
1/4	5,247.64	1/4	5,826.38	1/4	6,377.00	1/4	6,888.00	1/4	7,345.13	1/4	7,728.49	1/4	8,002.60	1/4		1/4		1/4	
1/2	5,259.91	1/2	5,838.17	1/2	6,388.08	1/2	6,898.12	1/2	7,353.94	1/2	7,735.47	1/2	8,006.60	1/2		1/2		1/2	
3/4	5,272.18	3/4	5,849.96	3/4	6,399.17	3/4	6,908.24	3/4	7,362.75	3/4	7,742.45	3/4	8,010.60	3/4		3/4		3/4	
7	5,284.45	7	5,861.75	7	6,410.25	7	6,918.35	7	7,371.56	7	7,749.43	7	8,014.60	7		7		7	
1/4	5,296.69	1/4	5,873.49	1/4	6,421.27	1/4	6,928.38	1/4	7,380.24	1/4	7,756.22	1/4	8,018.22	1/4		1/4		1/4	
1/2	5,308.93	1/2	5,885.23	1/2	6,432.28	1/2	6,938.40	1/2	7,388.91	1/2	7,763.01	1/2	8,021.85	1/2		1/2		1/2	
3/4	5,321.17	3/4	5,896.96	3/4	6,443.30	3/4	6,948.42	3/4	7,397.59	3/4	7,769.79	3/4	8,025.47	3/4		3/4		3/4	
8	5,333.41	8	5,908.70	8	6,454.31	8	6,958.45	8	7,406.27	8	7,776.58	8	8,029.09	8		8		8	
1/4	5,345.61	1/4	5,920.39	1/4	6,465.26	1/4	6,968.37	1/4	7,414.82	1/4	7,783.18	1/4	8,032.29	1/4		1/4		1/4	
1/2	5,357.82	1/2	5,932.08	1/2	6,476.20	1/2	6,978.30	1/2	7,423.37	1/2	7,789.77	1/2	8,035.49	1/2		1/2		1/2	
3/4	5,370.02	3/4	5,943.77	3/4	6,487.14	3/4	6,988.23	3/4	7,431.91	3/4	7,796.37	3/4	8,038.68	3/4		3/4		3/4	
9	5,382.23	9	5,955.45	9	6,498.09	9	6,998.15	9	7,440.46	9	7,802.96	9	8,041.88	9		9		9	
1/4	5,394.40	1/4	5,967.09	1/4	6,508.96	1/4	7,007.98	1/4	7,448.87	1/4	7,809.35	1/4	8,044.59	1/4		1/4		1/4	
1/2	5,406.57	1/2	5,978.72	1/2	6,519.83	1/2	7,017.81	1/2	7,457.28	1/2	7,815.74	1/2	8,047.29	1/2		1/2		1/2	
3/4	5,418.74	3/4	5,990.36	3/4	6,530.70	3/4	7,027.63	3/4	7,465.69	3/4	7,822.14	3/4	8,049.99	3/4		3/4		3/4	
10	5,430.91	10	6,001.99	10	6,541.57	10	7,037.46	10	7,474.10	10	7,828.53	10	8,052.70	10		10		10	
1/4	5,443.04	1/4	6,013.57	1/4	6,552.36	1/4	7,047.19	1/4	7,482.37	1/4	7,834.71	1/4	8,054.79	1/4		1/4		1/4	
1/2	5,455.17	1/2	6,025.15	1/2	6,563.16	1/2	7,056.91	1/2	7,490.64	1/2	7,840.89	1/2	8,056.87	1/2		1/2		1/2	
3/4	5,467.31	3/4	6,036.73	3/4	6,573.95	3/4	7,066.64	3/4	7,498.91	3/4	7,847.07	3/4	8,058.96	3/4		3/4		3/4	
11	5,479.44	11	6,048.31	11	6,584.75	11	7,076.36	11	7,507.18	11	7,853.25	11	8,061.05	11		11		11	
1/4	5,491.54	1/4	6,059.84	1/4	6,595.47	1/4	7,085.98	1/4	7,515.30	1/4	7,859.20	1/4	8,062.19	1/4		1/4		1/4	
1/2	5,503.63	1/2	6,071.36	1/2	6,606.18	1/2	7,095.60	1/2	7,523.43	1/2	7,865.16	1/2	8,063.34	1/2		1/2		1/2	
3/4	5,515.73	3/4	6,082.89	3/4	6,616.90	3/4	7,105.22	3/4	7,531.56	3/4	7,871.12	3/4	8,064.48	3/4		3/4		3/4	

STRAPPED: 03/09/2015 SW
CALCULATED: 03/09/2015 CL
PRINTED: 03/09/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "FMT 2046"

STBD HORIZONTAL INNAGE TABLE BERGAN GAUGE

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	187.91	0	524.76	0	949.55	0	1,436.74	0	1,969.92	0	2,536.47	0	3,125.82	0	3,728.46	0	4,335.48
1/4	1.27	1/4	193.82	1/4	532.88	1/4	959.17	1/4	1,447.46	1/4	1,981.44	1/4	2,548.57	1/4	3,138.28	1/4	3,791.10	1/4	4,348.11
1/2	2.41	1/2	199.73	1/2	541.00	1/2	968.79	1/2	1,458.18	1/2	1,992.96	1/2	2,560.66	1/2	3,150.74	1/2	3,753.73	1/2	4,360.73
3/4	3.55	3/4	205.63	3/4	549.13	3/4	978.41	3/4	1,468.89	3/4	2,004.49	3/4	2,572.76	3/4	3,163.20	3/4	3,766.37	3/4	4,373.36
1	4.69	1	211.54	1	557.25	1	988.03	1	1,479.61	1	2,016.01	1	2,584.85	1	3,175.66	1	3,779.00	1	4,385.99
1/4	6.78	1/4	217.66	1/4	565.52	1/4	997.76	1/4	1,490.40	1/4	2,027.59	1/4	2,596.98	1/4	3,188.14	1/4	3,791.64	1/4	4,398.61
1/2	8.87	1/2	223.79	1/2	573.79	1/2	1,007.48	1/2	1,501.20	1/2	2,039.17	1/2	2,609.12	1/2	3,200.62	1/2	3,804.28	1/2	4,411.22
3/4	10.96	3/4	229.92	3/4	582.06	3/4	1,017.21	3/4	1,511.99	3/4	2,050.75	3/4	2,621.25	3/4	3,213.10	3/4	3,816.92	3/4	4,423.84
2	13.05	2	236.05	2	590.33	2	1,026.93	2	1,522.79	2	2,062.33	2	2,633.38	2	3,225.58	2	3,829.57	2	4,436.46
1/4	15.75	1/4	242.41	1/4	598.74	1/4	1,036.76	1/4	1,533.65	1/4	2,073.96	1/4	2,645.55	1/4	3,238.08	1/4	3,842.21	1/4	4,449.07
1/2	18.45	1/2	248.77	1/2	607.15	1/2	1,046.58	1/2	1,544.52	1/2	2,085.60	1/2	2,657.72	1/2	3,250.59	1/2	3,854.86	1/2	4,461.68
3/4	21.16	3/4	255.14	3/4	615.56	3/4	1,056.41	3/4	1,555.39	3/4	2,097.23	3/4	2,669.89	3/4	3,263.09	3/4	3,867.50	3/4	4,474.29
3	23.86	3	261.50	3	623.97	3	1,066.24	3	1,566.26	3	2,108.86	3	2,682.06	3	3,275.59	3	3,880.15	3	4,486.89
1/4	27.06	1/4	268.10	1/4	632.51	1/4	1,076.16	1/4	1,577.21	1/4	2,120.55	1/4	2,694.26	1/4	3,288.11	1/4	3,892.80	1/4	4,499.49
1/2	30.25	1/2	274.69	1/2	641.06	1/2	1,086.09	1/2	1,588.15	1/2	2,132.24	1/2	2,706.47	1/2	3,300.63	1/2	3,905.45	1/2	4,512.09
3/4	33.45	3/4	281.29	3/4	649.61	3/4	1,096.01	3/4	1,599.09	3/4	2,143.93	3/4	2,718.67	3/4	3,313.15	3/4	3,918.10	3/4	4,524.68
4	36.65	4	287.88	4	658.15	4	1,105.94	4	1,610.03	4	2,155.61	4	2,730.88	4	3,325.67	4	3,930.75	4	4,537.28
1/4	40.27	1/4	294.67	1/4	666.83	1/4	1,115.96	1/4	1,621.05	1/4	2,167.35	1/4	2,743.11	1/4	3,338.21	1/4	3,943.40	1/4	4,549.86
1/2	43.89	1/2	301.46	1/2	675.51	1/2	1,125.98	1/2	1,632.06	1/2	2,179.09	1/2	2,755.35	1/2	3,350.75	1/2	3,956.05	1/2	4,562.45
3/4	47.52	3/4	308.25	3/4	684.19	3/4	1,136.01	3/4	1,643.08	3/4	2,190.83	3/4	2,767.59	3/4	3,363.29	3/4	3,968.71	3/4	4,575.03
5	51.14	5	315.03	5	692.86	5	1,146.03	5	1,654.09	5	2,202.57	5	2,779.83	5	3,375.83	5	3,981.36	5	4,587.62
1/4	55.14	1/4	322.01	1/4	701.67	1/4	1,156.15	1/4	1,665.18	1/4	2,214.35	1/4	2,792.10	1/4	3,388.38	1/4	3,994.01	1/4	4,600.19
1/2	59.14	1/2	328.99	1/2	710.48	1/2	1,166.26	1/2	1,676.26	1/2	2,226.14	1/2	2,804.37	1/2	3,400.94	1/2	4,006.66	1/2	4,612.76
3/4	63.14	3/4	335.96	3/4	719.29	3/4	1,176.38	3/4	1,687.34	3/4	2,237.93	3/4	2,816.64	3/4	3,413.49	3/4	4,019.32	3/4	4,625.33
6	67.14	6	342.94	6	728.09	6	1,186.50	6	1,698.43	6	2,249.72	6	2,828.91	6	3,426.05	6	4,031.97	6	4,637.90
1/4	71.48	1/4	350.10	1/4	737.02	1/4	1,196.71	1/4	1,709.58	1/4	2,261.55	1/4	2,841.21	1/4	3,438.62	1/4	4,044.63	1/4	4,650.45
1/2	75.82	1/2	357.25	1/2	745.96	1/2	1,206.91	1/2	1,720.73	1/2	2,273.39	1/2	2,853.51	1/2	3,451.19	1/2	4,057.28	1/2	4,663.01
3/4	80.16	3/4	364.41	3/4	754.89	3/4	1,217.12	3/4	1,731.89	3/4	2,285.23	3/4	2,865.82	3/4	3,463.76	3/4	4,069.93	3/4	4,675.56
7	84.50	7	371.57	7	763.82	7	1,227.33	7	1,743.04	7	2,297.06	7	2,878.12	7	3,476.33	7	4,082.59	7	4,688.12
1/4	89.16	1/4	378.90	1/4	772.88	1/4	1,237.63	1/4	1,754.26	1/4	2,308.95	1/4	2,890.45	1/4	3,488.91	1/4	4,095.24	1/4	4,700.66
1/2	93.82	1/2	386.23	1/2	781.93	1/2	1,247.93	1/2	1,765.48	1/2	2,320.83	1/2	2,902.78	1/2	3,501.49	1/2	4,107.89	1/2	4,713.19
3/4	98.47	3/4	393.57	3/4	790.99	3/4	1,258.23	3/4	1,776.69	3/4	2,332.71	3/4	2,915.11	3/4	3,514.08	3/4	4,120.54	3/4	4,725.73
8	103.13	8	400.90	8	800.04	8	1,268.53	8	1,787.91	8	2,344.59	8	2,927.44	8	3,526.66	8	4,133.19	8	4,738.27
1/4	108.05	1/4	408.40	1/4	809.22	1/4	1,278.92	1/4	1,799.19	1/4	2,356.52	1/4	2,939.80	1/4	3,539.26	1/4	4,145.84	1/4	4,750.79
1/2	112.97	1/2	415.90	1/2	818.39	1/2	1,289.30	1/2	1,810.48	1/2	2,368.45	1/2	2,952.16	1/2	3,551.86	1/2	4,158.49	1/2	4,763.31
3/4	117.90	3/4	423.40	3/4	827.56	3/4	1,299.69	3/4	1,821.76	3/4	2,380.38	3/4	2,964.52	3/4	3,564.45	3/4	4,171.14	3/4	4,775.83
9	122.82	9	430.90	9	836.74	9	1,310.08	9	1,833.04	9	2,392.31	9	2,976.88	9	3,577.05	9	4,183.79	9	4,788.35
1/4	127.99	1/4	438.57	1/4	846.03	1/4	1,320.55	1/4	1,844.39	1/4	2,404.28	1/4	2,989.27	1/4	3,589.66	1/4	4,196.44	1/4	4,800.86
1/2	133.16	1/2	446.23	1/2	855.32	1/2	1,331.02	1/2	1,855.73	1/2	2,416.25	1/2	3,001.65	1/2	3,602.27	1/2	4,209.09	1/2	4,813.36
3/4	138.33	3/4	453.90	3/4	864.61	3/4	1,341.50	3/4	1,867.08	3/4	2,428.22	3/4	3,014.04	3/4	3,614.87	3/4	4,221.73	3/4	4,825.86
10	143.50	10	461.56	10	873.89	10	1,351.97	10	1,878.43	10	2,440.20	10	3,026.43	10	3,627.48	10	4,234.38	10	4,838.36
1/4	148.93	1/4	469.38	1/4	883.30	1/4	1,362.53	1/4	1,889.83	1/4	2,452.21	1/4	3,038.84	1/4	3,640.10	1/4	4,247.02	1/4	4,850.84
1/2	154.36	1/2	477.21	1/2	892.70	1/2	1,373.08	1/2	1,901.24	1/2	2,464.22	1/2	3,051.25	1/2	3,652.72	1/2	4,259.66	1/2	4,863.32
3/4	159.79	3/4	485.03	3/4	902.10	3/4	1,383.64	3/4	1,912.64	3/4	2,476.24	3/4	3,063.66	3/4	3,665.34	3/4	4,272.30	3/4	4,875.80
11	165.22	11	492.85	11	911.50	11	1,394.19	11	1,924.05	11	2,488.25	11	3,076.07	11	3,677.96	11	4,284.94	11	4,888.28
1/4	170.89	1/4	500.83	1/4	921.02	1/4	1,404.83	1/4	1,935.52	1/4	2,500.31	1/4	3,088.51	1/4	3,690.58	1/4	4,297.58	1/4	4,900.74
1/2	176.57	1/2	508.80	1/2	930.53	1/2	1,415.47	1/2	1,946.98	1/2	2,512.36	1/2	3,100.95	1/2	3,703.21	1/2	4,310.21	1/2	4,913.20
3/4	182.24	3/4	516.78	3/4	940.04	3/4	1,426.11	3/4	1,958.45	3/4	2,524.42	3/4	3,113.38	3/4	3,715.84	3/4	4,322.85	3/4	4,925.66

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.
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BARGE "FMT 2046"

STBD HORIZONTAL INNAGE TABLE BERGAN GAUGE

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	4,938.12	0	5,527.47	0	6,094.03	0	6,627.20	0	7,114.39	0	7,539.19	0	7,876.55	0	8,065.06	0		0	
1/4	4,950.56	1/4	5,539.52	1/4	6,105.49	1/4	6,637.84	1/4	7,123.90	1/4	7,547.16	1/4	7,882.27	1/4		1/4		1/4	
1/2	4,963.00	1/2	5,551.58	1/2	6,116.96	1/2	6,648.48	1/2	7,133.41	1/2	7,555.14	1/2	7,888.00	1/2		1/2		1/2	
3/4	4,975.43	3/4	5,563.64	3/4	6,128.43	3/4	6,659.11	3/4	7,142.93	3/4	7,563.12	3/4	7,893.72	3/4		3/4		3/4	
1	4,987.87	1	5,575.69	1	6,139.89	1	6,669.75	1	7,152.44	1	7,571.09	1	7,899.45	1		1		1	
1/4	5,000.28	1/4	5,587.70	1/4	6,151.30	1/4	6,680.31	1/4	7,161.84	1/4	7,578.91	1/4	7,904.93	1/4		1/4		1/4	
1/2	5,012.69	1/2	5,599.72	1/2	6,162.71	1/2	6,690.86	1/2	7,171.24	1/2	7,586.74	1/2	7,910.41	1/2		1/2		1/2	
3/4	5,025.11	3/4	5,611.73	3/4	6,174.11	3/4	6,701.42	3/4	7,180.65	3/4	7,594.56	3/4	7,915.89	3/4		3/4		3/4	
2	5,037.52	2	5,623.75	2	6,185.52	2	6,711.97	2	7,190.05	2	7,602.38	2	7,921.37	2		2		2	
1/4	5,049.90	1/4	5,635.72	1/4	6,196.86	1/4	6,722.45	1/4	7,199.34	1/4	7,610.05	1/4	7,926.59	1/4		1/4		1/4	
1/2	5,062.29	1/2	5,647.69	1/2	6,208.21	1/2	6,732.92	1/2	7,208.63	1/2	7,617.71	1/2	7,931.81	1/2		1/2		1/2	
3/4	5,074.68	3/4	5,659.66	3/4	6,219.55	3/4	6,743.39	3/4	7,217.92	3/4	7,625.38	3/4	7,937.04	3/4		3/4		3/4	
3	5,087.06	3	5,671.64	3	6,230.90	3	6,753.86	3	7,227.21	3	7,633.04	3	7,942.26	3		3		3	
1/4	5,099.42	1/4	5,683.56	1/4	6,242.18	1/4	6,764.25	1/4	7,236.38	1/4	7,640.54	1/4	7,947.21	1/4		1/4		1/4	
1/2	5,111.78	1/2	5,695.49	1/2	6,253.47	1/2	6,774.64	1/2	7,245.55	1/2	7,648.04	1/2	7,952.16	1/2		1/2		1/2	
3/4	5,124.14	3/4	5,707.42	3/4	6,264.75	3/4	6,785.03	3/4	7,254.73	3/4	7,655.54	3/4	7,957.11	3/4		3/4		3/4	
4	5,136.50	4	5,719.35	4	6,276.03	4	6,795.41	4	7,263.90	4	7,663.04	4	7,962.06	4		4		4	
1/4	5,148.83	1/4	5,731.23	1/4	6,287.25	1/4	6,805.71	1/4	7,272.96	1/4	7,670.38	1/4	7,966.71	1/4		1/4		1/4	
1/2	5,161.16	1/2	5,743.11	1/2	6,298.47	1/2	6,816.01	1/2	7,282.01	1/2	7,677.71	1/2	7,971.37	1/2		1/2		1/2	
3/4	5,173.50	3/4	5,755.00	3/4	6,309.69	3/4	6,826.31	3/4	7,291.07	3/4	7,685.04	3/4	7,976.03	3/4		3/4		3/4	
5	5,185.83	5	5,766.88	5	6,320.91	5	6,836.61	5	7,300.12	5	7,692.37	5	7,980.68	5		5		5	
1/4	5,198.13	1/4	5,778.72	1/4	6,332.06	1/4	6,846.82	1/4	7,309.05	1/4	7,699.53	1/4	7,985.02	1/4		1/4		1/4	
1/2	5,210.43	1/2	5,790.55	1/2	6,343.21	1/2	6,857.03	1/2	7,317.99	1/2	7,706.69	1/2	7,989.37	1/2		1/2		1/2	
3/4	5,222.73	3/4	5,802.39	3/4	6,354.36	3/4	6,867.24	3/4	7,326.92	3/4	7,713.85	3/4	7,993.71	3/4		3/4		3/4	
6	5,235.03	6	5,814.23	6	6,365.51	6	6,877.45	6	7,335.85	6	7,721.00	6	7,998.05	6		6		6	
1/4	5,247.30	1/4	5,826.01	1/4	6,376.60	1/4	6,887.56	1/4	7,344.66	1/4	7,727.98	1/4	8,002.05	1/4		1/4		1/4	
1/2	5,259.57	1/2	5,837.80	1/2	6,387.68	1/2	6,897.68	1/2	7,353.47	1/2	7,734.96	1/2	8,006.05	1/2		1/2		1/2	
3/4	5,271.84	3/4	5,849.59	3/4	6,398.77	3/4	6,907.80	3/4	7,362.27	3/4	7,741.93	3/4	8,010.05	3/4		3/4		3/4	
7	5,284.11	7	5,861.38	7	6,409.85	7	6,917.92	7	7,371.08	7	7,748.91	7	8,014.05	7		7		7	
1/4	5,296.35	1/4	5,873.12	1/4	6,420.87	1/4	6,927.94	1/4	7,379.76	1/4	7,755.70	1/4	8,017.67	1/4		1/4		1/4	
1/2	5,308.59	1/2	5,884.85	1/2	6,431.88	1/2	6,937.96	1/2	7,388.44	1/2	7,762.49	1/2	8,021.29	1/2		1/2		1/2	
3/4	5,320.83	3/4	5,896.59	3/4	6,442.89	3/4	6,947.98	3/4	7,397.11	3/4	7,769.28	3/4	8,024.91	3/4		3/4		3/4	
8	5,333.07	8	5,908.33	8	6,453.91	8	6,958.01	8	7,405.79	8	7,776.06	8	8,028.54	8		8		8	
1/4	5,345.27	1/4	5,920.02	1/4	6,464.85	1/4	6,967.93	1/4	7,414.34	1/4	7,782.66	1/4	8,031.73	1/4		1/4		1/4	
1/2	5,357.48	1/2	5,931.71	1/2	6,475.79	1/2	6,977.86	1/2	7,422.88	1/2	7,789.25	1/2	8,034.93	1/2		1/2		1/2	
3/4	5,369.68	3/4	5,943.39	3/4	6,486.74	3/4	6,987.78	3/4	7,431.43	3/4	7,795.85	3/4	8,038.13	3/4		3/4		3/4	
9	5,381.88	9	5,955.08	9	6,497.68	9	6,997.71	9	7,439.97	9	7,802.44	9	8,041.33	9		9		9	
1/4	5,394.05	1/4	5,966.71	1/4	6,508.55	1/4	7,007.53	1/4	7,448.38	1/4	7,808.83	1/4	8,044.03	1/4		1/4		1/4	
1/2	5,406.22	1/2	5,978.35	1/2	6,519.42	1/2	7,017.36	1/2	7,456.79	1/2	7,815.22	1/2	8,046.73	1/2		1/2		1/2	
3/4	5,418.39	3/4	5,989.98	3/4	6,530.29	3/4	7,027.19	3/4	7,465.20	3/4	7,821.61	3/4	8,049.43	3/4		3/4		3/4	
10	5,430.56	10	6,001.62	10	6,541.16	10	7,037.01	10	7,473.61	10	7,828.00	10	8,052.14	10		10		10	
1/4	5,442.69	1/4	6,013.20	1/4	6,551.95	1/4	7,046.74	1/4	7,481.88	1/4	7,834.18	1/4	8,054.23	1/4		1/4		1/4	
1/2	5,454.83	1/2	6,024.77	1/2	6,562.75	1/2	7,056.46	1/2	7,490.15	1/2	7,840.36	1/2	8,056.31	1/2		1/2		1/2	
3/4	5,466.96	3/4	6,036.35	3/4	6,573.54	3/4	7,066.19	3/4	7,498.42	3/4	7,848.54	3/4	8,058.40	3/4		3/4		3/4	
11	5,479.09	11	6,047.93	11	6,584.33	11	7,075.91	11	7,506.69	11	7,852.72	11	8,060.49	11		11		11	
1/4	5,491.19	1/4	6,059.46	1/4	6,595.05	1/4	7,085.53	1/4	7,514.81	1/4	7,858.67	1/4	8,061.63	1/4		1/4		1/4	
1/2	5,503.28	1/2	6,070.98	1/2	6,605.77	1/2	7,095.15	1/2	7,522.94	1/2	7,864.63	1/2	8,062.78	1/2		1/2		1/2	
3/4	5,515.37	3/4	6,082.50	3/4	6,616.48	3/4	7,104.77	3/4	7,531.06	3/4	7,870.59	3/4	8,063.92	3/4		3/4		3/4	

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CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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