



# BARGE "FMT 2048"

## 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	187.87	0	524.65	0	949.39	0	1,436.50	0	1,969.58	0	2,536.01	0	3,125.18	0	3,727.58	0	4,334.27
1/4	1.27	1/4	193.77	1/4	532.78	1/4	959.01	1/4	1,447.22	1/4	1,981.10	1/4	2,548.10	1/4	3,137.63	1/4	3,790.21	1/4	4,346.89
1/2	2.41	1/2	199.68	1/2	540.90	1/2	968.63	1/2	1,457.93	1/2	1,992.62	1/2	2,560.19	1/2	3,150.09	1/2	3,752.84	1/2	4,359.51
3/4	3.55	3/4	205.58	3/4	549.02	3/4	978.24	3/4	1,468.65	3/4	2,004.14	3/4	2,572.28	3/4	3,162.54	3/4	3,765.46	3/4	4,372.13
1	4.69	1	211.49	1	557.15	1	987.86	1	1,479.36	1	2,015.67	1	2,584.37	1	3,175.00	1	3,778.09	1	4,384.75
1/4	6.78	1/4	217.61	1/4	565.42	1/4	997.59	1/4	1,490.16	1/4	2,027.24	1/4	2,596.50	1/4	3,187.47	1/4	3,790.73	1/4	4,397.36
1/2	8.87	1/2	223.74	1/2	573.68	1/2	1,007.31	1/2	1,500.95	1/2	2,038.82	1/2	2,608.63	1/2	3,199.95	1/2	3,803.36	1/2	4,409.97
3/4	10.96	3/4	229.87	3/4	581.95	3/4	1,017.03	3/4	1,511.74	3/4	2,050.40	3/4	2,620.76	3/4	3,212.43	3/4	3,816.00	3/4	4,422.58
2	13.04	2	235.99	2	590.22	2	1,026.75	2	1,522.53	2	2,061.97	2	2,632.89	2	3,224.90	2	3,828.63	2	4,435.19
1/4	15.75	1/4	242.36	1/4	598.63	1/4	1,036.58	1/4	1,533.40	1/4	2,073.61	1/4	2,645.06	1/4	3,237.40	1/4	3,841.27	1/4	4,447.79
1/2	18.45	1/2	248.72	1/2	607.04	1/2	1,046.40	1/2	1,544.27	1/2	2,085.24	1/2	2,657.22	1/2	3,249.90	1/2	3,853.91	1/2	4,460.39
3/4	21.15	3/4	255.08	3/4	615.44	3/4	1,056.23	3/4	1,555.13	3/4	2,096.87	3/4	2,669.39	3/4	3,262.40	3/4	3,866.55	3/4	4,472.99
3	23.85	3	261.45	3	623.85	3	1,066.05	3	1,566.00	3	2,108.50	3	2,681.55	3	3,274.89	3	3,879.19	3	4,485.59
1/4	27.05	1/4	268.04	1/4	632.40	1/4	1,075.98	1/4	1,576.94	1/4	2,120.18	1/4	2,693.76	1/4	3,287.41	1/4	3,891.84	1/4	4,498.18
1/2	30.24	1/2	274.63	1/2	640.94	1/2	1,085.90	1/2	1,587.88	1/2	2,131.87	1/2	2,705.96	1/2	3,299.92	1/2	3,904.48	1/2	4,510.77
3/4	33.44	3/4	281.22	3/4	649.49	3/4	1,095.83	3/4	1,598.83	3/4	2,143.55	3/4	2,718.16	3/4	3,312.44	3/4	3,917.12	3/4	4,523.36
4	36.64	4	287.82	4	658.03	4	1,105.75	4	1,609.77	4	2,155.24	4	2,730.36	4	3,324.96	4	3,929.77	4	4,535.94
1/4	40.26	1/4	294.60	1/4	666.71	1/4	1,115.77	1/4	1,620.78	1/4	2,166.97	1/4	2,742.59	1/4	3,337.49	1/4	3,942.41	1/4	4,548.52
1/2	43.88	1/2	301.39	1/2	675.38	1/2	1,125.79	1/2	1,631.79	1/2	2,178.71	1/2	2,754.83	1/2	3,350.02	1/2	3,955.06	1/2	4,561.09
3/4	47.50	3/4	308.18	3/4	684.06	3/4	1,135.81	3/4	1,642.80	3/4	2,190.45	3/4	2,767.06	3/4	3,362.56	3/4	3,967.70	3/4	4,573.67
5	51.12	5	314.97	5	692.74	5	1,145.83	5	1,653.82	5	2,202.18	5	2,779.30	5	3,375.09	5	3,980.35	5	4,586.25
1/4	55.12	1/4	321.94	1/4	701.54	1/4	1,155.95	1/4	1,664.90	1/4	2,213.97	1/4	2,791.56	1/4	3,387.64	1/4	3,993.00	1/4	4,598.81
1/2	59.12	1/2	328.92	1/2	710.35	1/2	1,166.07	1/2	1,675.98	1/2	2,225.75	1/2	2,803.83	1/2	3,400.19	1/2	4,005.64	1/2	4,611.37
3/4	63.12	3/4	335.89	3/4	719.15	3/4	1,176.18	3/4	1,687.06	3/4	2,237.54	3/4	2,816.10	3/4	3,412.74	3/4	4,018.29	3/4	4,623.93
6	67.12	6	342.87	6	727.96	6	1,186.30	6	1,698.15	6	2,249.32	6	2,828.36	6	3,425.29	6	4,030.94	6	4,636.49
1/4	71.46	1/4	350.02	1/4	736.89	1/4	1,196.50	1/4	1,709.30	1/4	2,261.16	1/4	2,840.66	1/4	3,437.86	1/4	4,043.58	1/4	4,649.04
1/2	75.80	1/2	357.18	1/2	745.82	1/2	1,206.71	1/2	1,720.45	1/2	2,272.99	1/2	2,852.96	1/2	3,450.42	1/2	4,056.23	1/2	4,661.58
3/4	80.14	3/4	364.34	3/4	754.75	3/4	1,216.92	3/4	1,731.60	3/4	2,284.82	3/4	2,865.26	3/4	3,462.99	3/4	4,068.88	3/4	4,674.13
7	84.48	7	371.49	7	763.69	7	1,227.13	7	1,742.75	7	2,296.66	7	2,877.55	7	3,475.55	7	4,081.52	7	4,686.68
1/4	89.14	1/4	378.82	1/4	772.74	1/4	1,237.43	1/4	1,753.96	1/4	2,308.54	1/4	2,889.88	1/4	3,488.13	1/4	4,094.17	1/4	4,699.20
1/2	93.79	1/2	386.15	1/2	781.79	1/2	1,247.72	1/2	1,765.18	1/2	2,320.42	1/2	2,902.21	1/2	3,500.71	1/2	4,106.81	1/2	4,711.73
3/4	98.45	3/4	393.49	3/4	790.85	3/4	1,258.02	3/4	1,776.40	3/4	2,332.30	3/4	2,914.54	3/4	3,513.29	3/4	4,119.46	3/4	4,724.26
8	103.10	8	400.82	8	799.90	8	1,268.32	8	1,787.61	8	2,344.18	8	2,926.86	8	3,525.87	8	4,132.11	8	4,736.79
1/4	108.02	1/4	408.32	1/4	809.07	1/4	1,278.70	1/4	1,798.89	1/4	2,356.10	1/4	2,939.22	1/4	3,538.46	1/4	4,144.75	1/4	4,749.30
1/2	112.95	1/2	415.82	1/2	818.24	1/2	1,289.09	1/2	1,810.17	1/2	2,368.03	1/2	2,951.57	1/2	3,551.05	1/2	4,157.39	1/2	4,761.82
3/4	117.87	3/4	423.32	3/4	827.42	3/4	1,299.47	3/4	1,821.45	3/4	2,379.95	3/4	2,963.93	3/4	3,563.64	3/4	4,170.03	3/4	4,774.33
9	122.79	9	430.82	9	836.59	9	1,309.86	9	1,832.73	9	2,391.88	9	2,976.29	9	3,576.23	9	4,182.68	9	4,786.84
1/4	127.96	1/4	438.48	1/4	845.88	1/4	1,320.33	1/4	1,844.08	1/4	2,403.85	1/4	2,988.67	1/4	3,588.83	1/4	4,195.31	1/4	4,799.33
1/2	133.13	1/2	446.14	1/2	855.17	1/2	1,330.80	1/2	1,855.42	1/2	2,415.82	1/2	3,001.05	1/2	3,601.44	1/2	4,207.95	1/2	4,811.82
3/4	138.30	3/4	453.81	3/4	864.45	3/4	1,341.27	3/4	1,866.76	3/4	2,427.79	3/4	3,013.43	3/4	3,614.04	3/4	4,220.59	3/4	4,824.31
10	143.47	10	461.47	10	873.74	10	1,351.74	10	1,878.11	10	2,439.76	10	3,025.82	10	3,626.64	10	4,233.23	10	4,836.81
1/4	148.90	1/4	469.29	1/4	883.14	1/4	1,362.30	1/4	1,889.51	1/4	2,451.77	1/4	3,038.22	1/4	3,639.26	1/4	4,245.86	1/4	4,849.28
1/2	154.32	1/2	477.11	1/2	892.54	1/2	1,372.85	1/2	1,900.92	1/2	2,463.78	1/2	3,050.63	1/2	3,651.87	1/2	4,258.50	1/2	4,861.75
3/4	159.75	3/4	484.93	3/4	901.94	3/4	1,383.41	3/4	1,912.32	3/4	2,475.79	3/4	3,063.04	3/4	3,664.48	3/4	4,271.13	3/4	4,874.22
11	165.18	11	492.75	11	911.35	11	1,393.96	11	1,923.73	11	2,487.80	11	3,075.45	11	3,677.09	11	4,283.76	11	4,886.69
1/4	170.85	1/4	500.73	1/4	920.86	1/4	1,404.60	1/4	1,935.19	1/4	2,499.85	1/4	3,087.88	1/4	3,689.71	1/4	4,296.39	1/4	4,899.14
1/2	176.53	1/2	508.70	1/2	930.37	1/2	1,415.23	1/2	1,946.65	1/2	2,511.90	1/2	3,100.31	1/2	3,702.34	1/2	4,309.02	1/2	4,911.59
3/4	182.20	3/4	516.68	3/4	939.88	3/4	1,425.87	3/4	1,958.12	3/4	2,523.96	3/4	3,112.74	3/4	3,714.96	3/4	4,321.64	3/4	4,924.04

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

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# BARGE "FMT 2048"

## 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	4,936.49	0	5,525.28	0	6,091.13	0	6,623.39	0	7,109.39	0	7,532.60	0	7,867.69	0		0		0	
1/4	4,948.92	1/4	5,537.33	1/4	6,102.58	1/4	6,634.00	1/4	7,118.87	1/4	7,540.54	1/4	7,873.35	1/4		1/4		1/4	
1/2	4,961.34	1/2	5,549.37	1/2	6,114.03	1/2	6,644.62	1/2	7,128.36	1/2	7,548.48	1/2	7,879.01	1/2		1/2		1/2	
3/4	4,973.77	3/4	5,561.41	3/4	6,125.48	3/4	6,655.23	3/4	7,137.84	3/4	7,556.41	3/4	7,884.68	3/4		3/4		3/4	
1	4,986.20	1	5,573.45	1	6,136.93	1	6,665.85	1	7,147.32	1	7,564.35	1	7,890.34	1		1		1	
1/4	4,998.60	1/4	5,585.45	1/4	6,148.32	1/4	6,676.38	1/4	7,156.70	1/4	7,572.13	1/4	7,895.76	1/4		1/4		1/4	
1/2	5,011.00	1/2	5,597.45	1/2	6,159.71	1/2	6,686.92	1/2	7,166.07	1/2	7,579.92	1/2	7,901.18	1/2		1/2		1/2	
3/4	5,023.40	3/4	5,609.46	3/4	6,171.10	3/4	6,697.45	3/4	7,175.44	3/4	7,587.70	3/4	7,906.59	3/4		3/4		3/4	
2	5,035.80	2	5,621.46	2	6,182.48	2	6,707.98	2	7,184.82	2	7,595.48	2	7,912.01	2		2		2	
1/4	5,048.18	1/4	5,633.41	1/4	6,193.81	1/4	6,718.43	1/4	7,194.08	1/4	7,603.10	1/4	7,917.16	1/4		1/4		1/4	
1/2	5,060.55	1/2	5,645.37	1/2	6,205.14	1/2	6,728.88	1/2	7,203.33	1/2	7,610.73	1/2	7,922.32	1/2		1/2		1/2	
3/4	5,072.93	3/4	5,657.33	3/4	6,216.47	3/4	6,739.33	3/4	7,212.59	3/4	7,618.35	3/4	7,927.47	3/4		3/4		3/4	
3	5,085.31	3	5,669.29	3	6,227.80	3	6,749.78	3	7,221.85	3	7,625.97	3	7,932.63	3		3		3	
1/4	5,097.65	1/4	5,681.20	1/4	6,239.06	1/4	6,760.15	1/4	7,231.00	1/4	7,633.43	1/4	7,937.50	1/4		1/4		1/4	
1/2	5,110.00	1/2	5,693.12	1/2	6,250.33	1/2	6,770.51	1/2	7,240.14	1/2	7,640.89	1/2	7,942.38	1/2		1/2		1/2	
3/4	5,122.35	3/4	5,705.03	3/4	6,261.59	3/4	6,780.87	3/4	7,249.28	3/4	7,648.35	3/4	7,947.26	3/4		3/4		3/4	
4	5,134.70	4	5,716.95	4	6,272.86	4	6,791.24	4	7,258.43	4	7,658.80	4	7,952.13	4		4		4	
1/4	5,147.02	1/4	5,728.82	1/4	6,284.06	1/4	6,801.51	1/4	7,267.45	1/4	7,663.09	1/4	7,956.71	1/4		1/4		1/4	
1/2	5,159.34	1/2	5,740.68	1/2	6,295.25	1/2	6,811.79	1/2	7,276.47	1/2	7,670.38	1/2	7,961.29	1/2		1/2		1/2	
3/4	5,171.66	3/4	5,752.55	3/4	6,306.45	3/4	6,822.06	3/4	7,285.50	3/4	7,677.67	3/4	7,965.87	3/4		3/4		3/4	
5	5,183.98	5	5,764.42	5	6,317.65	5	6,832.34	5	7,294.52	5	7,684.96	5	7,970.45	5		5		5	
1/4	5,196.27	1/4	5,776.24	1/4	6,328.79	1/4	6,842.52	1/4	7,303.42	1/4	7,692.07	1/4	7,974.71	1/4		1/4		1/4	
1/2	5,208.56	1/2	5,788.06	1/2	6,339.92	1/2	6,852.71	1/2	7,312.32	1/2	7,699.18	1/2	7,978.97	1/2		1/2		1/2	
3/4	5,220.85	3/4	5,799.89	3/4	6,351.05	3/4	6,862.89	3/4	7,321.22	3/4	7,706.29	3/4	7,983.22	3/4		3/4		3/4	
6	5,233.14	6	5,811.71	6	6,362.19	6	6,873.08	6	7,330.12	6	7,713.40	6	7,987.48	6		6		6	
1/4	5,245.40	1/4	5,823.48	1/4	6,373.25	1/4	6,883.17	1/4	7,338.89	1/4	7,720.33	1/4	7,991.39	1/4		1/4		1/4	
1/2	5,257.66	1/2	5,835.25	1/2	6,384.32	1/2	6,893.26	1/2	7,347.67	1/2	7,727.26	1/2	7,995.30	1/2		1/2		1/2	
3/4	5,269.92	3/4	5,847.03	3/4	6,395.38	3/4	6,903.36	3/4	7,356.44	3/4	7,734.19	3/4	7,999.21	3/4		3/4		3/4	
7	5,282.18	7	5,858.80	7	6,406.45	7	6,913.45	7	7,365.22	7	7,741.12	7	8,003.11	7		7		7	
1/4	5,294.40	1/4	5,870.52	1/4	6,417.44	1/4	6,923.45	1/4	7,373.86	1/4	7,747.86	1/4	8,006.63	1/4		1/4		1/4	
1/2	5,306.63	1/2	5,882.25	1/2	6,428.44	1/2	6,933.44	1/2	7,382.50	1/2	7,754.60	1/2	8,010.15	1/2		1/2		1/2	
3/4	5,318.86	3/4	5,893.97	3/4	6,439.43	3/4	6,943.44	3/4	7,391.15	3/4	7,761.34	3/4	8,013.67	3/4		3/4		3/4	
8	5,331.08	8	5,905.69	8	6,450.43	8	6,953.44	8	7,399.79	8	7,768.08	8	8,017.19	8		8		8	
1/4	5,343.27	1/4	5,917.36	1/4	6,461.35	1/4	6,963.34	1/4	7,408.30	1/4	7,774.62	1/4	8,020.27	1/4		1/4		1/4	
1/2	5,355.47	1/2	5,929.03	1/2	6,472.27	1/2	6,973.24	1/2	7,416.81	1/2	7,781.16	1/2	8,023.36	1/2		1/2		1/2	
3/4	5,367.66	3/4	5,940.71	3/4	6,483.20	3/4	6,983.14	3/4	7,425.32	3/4	7,787.71	3/4	8,026.44	3/4		3/4		3/4	
9	5,379.85	9	5,952.38	9	6,494.12	9	6,993.04	9	7,433.83	9	7,794.25	9	8,029.52	9		9		9	
1/4	5,392.01	1/4	5,964.00	1/4	6,504.97	1/4	7,002.83	1/4	7,442.21	1/4	7,800.58	1/4	8,032.08	1/4		1/4		1/4	
1/2	5,404.16	1/2	5,975.61	1/2	6,515.82	1/2	7,012.63	1/2	7,450.58	1/2	7,806.92	1/2	8,034.64	1/2		1/2		1/2	
3/4	5,416.32	3/4	5,987.23	3/4	6,526.67	3/4	7,022.43	3/4	7,458.95	3/4	7,813.26	3/4	8,037.21	3/4		3/4		3/4	
10	5,428.48	10	5,998.85	10	6,537.51	10	7,032.23	10	7,467.33	10	7,819.60	10	8,039.77	10		10		10	
1/4	5,440.60	1/4	6,010.41	1/4	6,548.29	1/4	7,041.93	1/4	7,475.56	1/4	7,825.72	1/4	8,041.67	1/4		1/4		1/4	
1/2	5,452.72	1/2	6,021.98	1/2	6,559.06	1/2	7,051.63	1/2	7,483.79	1/2	7,831.84	1/2	8,043.57	1/2		1/2		1/2	
3/4	5,464.84	3/4	6,033.54	3/4	6,569.83	3/4	7,061.32	3/4	7,492.02	3/4	7,837.97	3/4	8,045.48	3/4		3/4		3/4	
11	5,476.96	11	6,045.10	11	6,580.61	11	7,071.02	11	7,500.26	11	7,844.09	11	8,047.38	11		11		11	
1/4	5,489.04	1/4	6,056.61	1/4	6,591.30	1/4	7,080.61	1/4	7,508.34	1/4	7,849.99	1/4	8,048.37	1/4		1/4		1/4	
1/2	5,501.12	1/2	6,068.12	1/2	6,602.00	1/2	7,090.20	1/2	7,516.43	1/2	7,855.89	1/2	8,049.35	1/2		1/2		1/2	
3/4	5,513.20	3/4	6,079.62	3/4	6,612.69	3/4	7,099.80	3/4	7,524.52	3/4	7,861.79	3/4	8,050.34	3/4		3/4		3/4	

STRAPPED: 10/08/2015 SW  
CALCULATED: 10/08/2015 CL  
PRINTED: 10/08/2015 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2015

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 2048"

## 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	187.89	0	524.70	0	949.45	0	1,436.57	0	1,969.64	0	2,536.06	0	3,125.21	0	3,727.59	0	4,334.26
1/4	1.27	1/4	193.80	1/4	532.82	1/4	959.07	1/4	1,447.28	1/4	1,981.16	1/4	2,548.15	1/4	3,137.66	1/4	3,790.22	1/4	4,346.88
1/2	2.41	1/2	199.70	1/2	540.95	1/2	968.69	1/2	1,458.00	1/2	1,992.68	1/2	2,560.24	1/2	3,150.12	1/2	3,752.85	1/2	4,359.50
3/4	3.55	3/4	205.61	3/4	549.07	3/4	978.31	3/4	1,468.71	3/4	2,004.20	3/4	2,572.33	3/4	3,162.57	3/4	3,765.47	3/4	4,372.12
1	4.69	1	211.51	1	557.20	1	987.93	1	1,479.43	1	2,015.73	1	2,584.42	1	3,175.03	1	3,778.10	1	4,384.74
1/4	6.78	1/4	217.64	1/4	565.46	1/4	997.65	1/4	1,490.22	1/4	2,027.30	1/4	2,596.55	1/4	3,187.50	1/4	3,790.74	1/4	4,397.35
1/2	8.87	1/2	223.77	1/2	573.73	1/2	1,007.37	1/2	1,501.01	1/2	2,038.88	1/2	2,608.68	1/2	3,199.98	1/2	3,803.37	1/2	4,409.96
3/4	10.96	3/4	229.89	3/4	582.00	3/4	1,017.09	3/4	1,511.81	3/4	2,050.46	3/4	2,620.81	3/4	3,212.46	3/4	3,816.01	3/4	4,422.57
2	13.05	2	236.02	2	590.27	2	1,026.82	2	1,522.60	2	2,062.03	2	2,632.94	2	3,224.93	2	3,828.64	2	4,435.18
1/4	15.75	1/4	242.38	1/4	598.68	1/4	1,036.64	1/4	1,533.47	1/4	2,073.67	1/4	2,645.10	1/4	3,237.43	1/4	3,841.28	1/4	4,447.77
1/2	18.45	1/2	248.75	1/2	607.09	1/2	1,046.47	1/2	1,544.33	1/2	2,085.30	1/2	2,657.27	1/2	3,249.93	1/2	3,853.92	1/2	4,460.37
3/4	21.15	3/4	255.11	3/4	615.49	3/4	1,056.29	3/4	1,555.20	3/4	2,096.93	3/4	2,669.43	3/4	3,262.42	3/4	3,866.56	3/4	4,472.97
3	23.86	3	261.48	3	623.90	3	1,066.12	3	1,566.07	3	2,108.56	3	2,681.60	3	3,274.92	3	3,879.20	3	4,485.57
1/4	27.05	1/4	268.07	1/4	632.45	1/4	1,076.04	1/4	1,577.01	1/4	2,120.24	1/4	2,693.80	1/4	3,287.44	1/4	3,891.84	1/4	4,498.16
1/2	30.25	1/2	274.66	1/2	640.99	1/2	1,085.97	1/2	1,587.95	1/2	2,131.93	1/2	2,706.00	1/2	3,299.95	1/2	3,904.48	1/2	4,510.75
3/4	33.45	3/4	281.25	3/4	649.54	3/4	1,095.89	3/4	1,598.89	3/4	2,143.61	3/4	2,718.20	3/4	3,312.47	3/4	3,917.13	3/4	4,523.34
4	36.64	4	287.85	4	658.08	4	1,105.81	4	1,609.83	4	2,155.30	4	2,730.40	4	3,324.98	4	3,929.77	4	4,535.92
1/4	40.27	1/4	294.64	1/4	666.76	1/4	1,115.84	1/4	1,620.84	1/4	2,167.03	1/4	2,742.64	1/4	3,337.51	1/4	3,942.41	1/4	4,548.50
1/2	43.89	1/2	301.42	1/2	675.44	1/2	1,125.86	1/2	1,631.86	1/2	2,178.77	1/2	2,754.87	1/2	3,350.05	1/2	3,955.06	1/2	4,561.07
3/4	47.51	3/4	308.21	3/4	684.11	3/4	1,135.88	3/4	1,642.87	3/4	2,190.50	3/4	2,767.10	3/4	3,362.58	3/4	3,967.71	3/4	4,573.65
5	51.13	5	315.00	5	692.79	5	1,145.90	5	1,653.88	5	2,202.24	5	2,779.34	5	3,375.11	5	3,980.35	5	4,586.23
1/4	55.13	1/4	321.98	1/4	701.60	1/4	1,156.01	1/4	1,664.96	1/4	2,214.02	1/4	2,791.61	1/4	3,387.66	1/4	3,993.00	1/4	4,598.79
1/2	59.13	1/2	328.95	1/2	710.40	1/2	1,166.13	1/2	1,676.05	1/2	2,225.81	1/2	2,803.87	1/2	3,400.21	1/2	4,005.64	1/2	4,611.35
3/4	63.13	3/4	335.93	3/4	719.21	3/4	1,176.25	3/4	1,687.13	3/4	2,237.59	3/4	2,816.14	3/4	3,412.76	3/4	4,018.29	3/4	4,623.91
6	67.13	6	342.90	6	728.02	6	1,186.36	6	1,698.21	6	2,249.38	6	2,828.40	6	3,425.31	6	4,030.94	6	4,636.47
1/4	71.47	1/4	350.06	1/4	736.95	1/4	1,196.57	1/4	1,709.36	1/4	2,261.21	1/4	2,840.70	1/4	3,437.88	1/4	4,043.58	1/4	4,649.01
1/2	75.81	1/2	357.22	1/2	745.88	1/2	1,206.78	1/2	1,720.51	1/2	2,273.05	1/2	2,853.00	1/2	3,450.44	1/2	4,056.23	1/2	4,661.56
3/4	80.15	3/4	364.37	3/4	754.81	3/4	1,216.99	3/4	1,731.66	3/4	2,284.88	3/4	2,865.30	3/4	3,463.01	3/4	4,068.88	3/4	4,674.11
7	84.49	7	371.53	7	763.74	7	1,227.19	7	1,742.81	7	2,296.71	7	2,877.59	7	3,475.57	7	4,081.52	7	4,686.65
1/4	89.15	1/4	378.86	1/4	772.80	1/4	1,237.49	1/4	1,754.03	1/4	2,308.59	1/4	2,889.92	1/4	3,488.15	1/4	4,094.17	1/4	4,699.18
1/2	93.80	1/2	386.19	1/2	781.85	1/2	1,247.79	1/2	1,765.24	1/2	2,320.47	1/2	2,902.25	1/2	3,500.73	1/2	4,106.81	1/2	4,711.71
3/4	98.46	3/4	393.52	3/4	790.90	3/4	1,258.09	3/4	1,776.46	3/4	2,332.35	3/4	2,914.58	3/4	3,513.31	3/4	4,119.46	3/4	4,724.24
8	103.12	8	400.86	8	799.96	8	1,268.38	8	1,787.68	8	2,344.23	8	2,926.90	8	3,525.88	8	4,132.10	8	4,736.77
1/4	108.04	1/4	408.36	1/4	809.13	1/4	1,278.77	1/4	1,798.96	1/4	2,356.16	1/4	2,939.26	1/4	3,538.48	1/4	4,144.74	1/4	4,749.28
1/2	112.96	1/2	415.86	1/2	818.30	1/2	1,289.16	1/2	1,810.24	1/2	2,368.08	1/2	2,951.61	1/2	3,551.07	1/2	4,157.39	1/2	4,761.79
3/4	117.88	3/4	423.36	3/4	827.47	3/4	1,299.54	3/4	1,821.52	3/4	2,380.01	3/4	2,963.97	3/4	3,563.66	3/4	4,170.03	3/4	4,774.30
9	122.81	9	430.86	9	836.65	9	1,309.93	9	1,832.80	9	2,391.93	9	2,976.32	9	3,576.25	9	4,182.67	9	4,786.81
1/4	127.98	1/4	438.52	1/4	845.94	1/4	1,320.40	1/4	1,844.14	1/4	2,403.90	1/4	2,988.71	1/4	3,588.85	1/4	4,195.31	1/4	4,799.30
1/2	133.15	1/2	446.18	1/2	855.22	1/2	1,330.87	1/2	1,855.49	1/2	2,415.87	1/2	3,001.09	1/2	3,601.45	1/2	4,207.95	1/2	4,811.79
3/4	138.32	3/4	453.85	3/4	864.51	3/4	1,341.34	3/4	1,866.83	3/4	2,427.84	3/4	3,013.47	3/4	3,614.06	3/4	4,220.58	3/4	4,824.29
10	143.49	10	461.51	10	873.80	10	1,351.81	10	1,878.17	10	2,439.81	10	3,025.85	10	3,626.66	10	4,233.22	10	4,836.78
1/4	148.92	1/4	469.33	1/4	883.20	1/4	1,362.36	1/4	1,889.58	1/4	2,451.82	1/4	3,038.26	1/4	3,639.27	1/4	4,245.86	1/4	4,849.25
1/2	154.34	1/2	477.16	1/2	892.60	1/2	1,372.92	1/2	1,900.98	1/2	2,463.83	1/2	3,050.67	1/2	3,651.88	1/2	4,258.49	1/2	4,861.72
3/4	159.77	3/4	484.98	3/4	902.01	3/4	1,383.47	3/4	1,912.38	3/4	2,475.84	3/4	3,063.07	3/4	3,664.49	3/4	4,271.12	3/4	4,874.19
11	165.20	11	492.80	11	911.41	11	1,394.03	11	1,923.79	11	2,487.85	11	3,075.48	11	3,677.11	11	4,283.75	11	4,886.66
1/4	170.87	1/4	500.78	1/4	920.92	1/4	1,404.66	1/4	1,935.25	1/4	2,499.90	1/4	3,087.91	1/4	3,689.73	1/4	4,296.38	1/4	4,899.11
1/2	176.55	1/2	508.75	1/2	930.43	1/2	1,415.30	1/2	1,946.72	1/2	2,511.95	1/2	3,100.35	1/2	3,702.35	1/2	4,309.01	1/2	4,911.56
3/4	182.22	3/4	516.73	3/4	939.94	3/4	1,425.93	3/4	1,958.18	3/4	2,524.01	3/4	3,112.78	3/4	3,714.97	3/4	4,321.63	3/4	4,924.01

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 2048"

## 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	4,936.46	0	5,525.23	0	6,091.07	0	6,623.32	0	7,109.33	0	7,532.56	0	7,867.66	0		0		0	
1/4	4,948.88	1/4	5,537.28	1/4	6,102.52	1/4	6,633.94	1/4	7,118.81	1/4	7,540.49	1/4	7,873.33	1/4		1/4		1/4	
1/2	4,961.31	1/2	5,549.32	1/2	6,113.97	1/2	6,644.55	1/2	7,128.29	1/2	7,548.43	1/2	7,878.99	1/2		1/2		1/2	
3/4	4,973.74	3/4	5,561.36	3/4	6,125.42	3/4	6,655.17	3/4	7,137.78	3/4	7,556.37	3/4	7,884.66	3/4		3/4		3/4	
1	4,986.16	1	5,573.40	1	6,136.86	1	6,665.78	1	7,147.26	1	7,564.31	1	7,890.32	1		1		1	
1/4	4,998.56	1/4	5,585.40	1/4	6,148.25	1/4	6,676.32	1/4	7,156.64	1/4	7,572.09	1/4	7,895.74	1/4		1/4		1/4	
1/2	5,010.96	1/2	5,597.40	1/2	6,159.64	1/2	6,686.85	1/2	7,166.01	1/2	7,579.87	1/2	7,901.16	1/2		1/2		1/2	
3/4	5,023.37	3/4	5,609.40	3/4	6,171.03	3/4	6,697.39	3/4	7,175.38	3/4	7,587.66	3/4	7,906.57	3/4		3/4		3/4	
2	5,035.77	2	5,621.40	2	6,182.42	2	6,707.92	2	7,184.76	2	7,595.44	2	7,911.99	2		2		2	
1/4	5,048.14	1/4	5,633.36	1/4	6,193.75	1/4	6,718.37	1/4	7,194.02	1/4	7,603.06	1/4	7,917.15	1/4		1/4		1/4	
1/2	5,060.52	1/2	5,645.32	1/2	6,205.08	1/2	6,728.82	1/2	7,203.28	1/2	7,610.68	1/2	7,922.30	1/2		1/2		1/2	
3/4	5,072.89	3/4	5,657.28	3/4	6,216.40	3/4	6,739.27	3/4	7,212.54	3/4	7,618.31	3/4	7,927.46	3/4		3/4		3/4	
3	5,085.27	3	5,669.24	3	6,227.73	3	6,749.72	3	7,221.80	3	7,625.93	3	7,932.61	3		3		3	
1/4	5,097.62	1/4	5,681.15	1/4	6,239.00	1/4	6,760.08	1/4	7,230.94	1/4	7,633.39	1/4	7,937.49	1/4		1/4		1/4	
1/2	5,109.97	1/2	5,693.06	1/2	6,250.26	1/2	6,770.45	1/2	7,240.08	1/2	7,640.85	1/2	7,942.37	1/2		1/2		1/2	
3/4	5,122.31	3/4	5,704.98	3/4	6,261.53	3/4	6,780.81	3/4	7,249.23	3/4	7,648.31	3/4	7,947.24	3/4		3/4		3/4	
4	5,134.66	4	5,716.89	4	6,272.79	4	6,791.17	4	7,258.37	4	7,655.77	4	7,952.12	4		4		4	
1/4	5,146.98	1/4	5,728.76	1/4	6,283.99	1/4	6,801.45	1/4	7,267.39	1/4	7,663.05	1/4	7,956.70	1/4		1/4		1/4	
1/2	5,159.30	1/2	5,740.63	1/2	6,295.19	1/2	6,811.72	1/2	7,276.42	1/2	7,670.34	1/2	7,961.28	1/2		1/2		1/2	
3/4	5,171.62	3/4	5,752.50	3/4	6,306.39	3/4	6,822.00	3/4	7,285.44	3/4	7,677.63	3/4	7,965.86	3/4		3/4		3/4	
5	5,183.94	5	5,764.37	5	6,317.59	5	6,832.27	5	7,294.46	5	7,684.92	5	7,970.44	5		5		5	
1/4	5,196.23	1/4	5,776.19	1/4	6,328.72	1/4	6,842.46	1/4	7,303.36	1/4	7,692.03	1/4	7,974.70	1/4		1/4		1/4	
1/2	5,208.52	1/2	5,788.01	1/2	6,339.86	1/2	6,852.64	1/2	7,312.26	1/2	7,699.14	1/2	7,978.96	1/2		1/2		1/2	
3/4	5,220.81	3/4	5,799.83	3/4	6,350.99	3/4	6,862.83	3/4	7,321.16	3/4	7,706.26	3/4	7,983.21	3/4		3/4		3/4	
6	5,233.10	6	5,811.65	6	6,362.12	6	6,873.02	6	7,330.06	6	7,713.37	6	7,987.47	6		6		6	
1/4	5,245.36	1/4	5,823.42	1/4	6,373.19	1/4	6,883.11	1/4	7,338.84	1/4	7,720.30	1/4	7,991.38	1/4		1/4		1/4	
1/2	5,257.62	1/2	5,835.20	1/2	6,384.25	1/2	6,893.20	1/2	7,347.61	1/2	7,727.23	1/2	7,995.29	1/2		1/2		1/2	
3/4	5,269.88	3/4	5,846.97	3/4	6,395.32	3/4	6,903.29	3/4	7,356.39	3/4	7,734.16	3/4	7,999.20	3/4		3/4		3/4	
7	5,282.13	7	5,858.74	7	6,406.38	7	6,913.38	7	7,365.16	7	7,741.09	7	8,003.11	7		7		7	
1/4	5,294.36	1/4	5,870.47	1/4	6,417.38	1/4	6,923.38	1/4	7,373.81	1/4	7,747.83	1/4	8,006.63	1/4		1/4		1/4	
1/2	5,306.59	1/2	5,882.19	1/2	6,428.37	1/2	6,933.38	1/2	7,382.45	1/2	7,754.57	1/2	8,010.15	1/2		1/2		1/2	
3/4	5,318.81	3/4	5,893.91	3/4	6,439.37	3/4	6,943.38	3/4	7,391.09	3/4	7,761.31	3/4	8,013.67	3/4		3/4		3/4	
8	5,331.04	8	5,905.63	8	6,450.36	8	6,953.37	8	7,399.74	8	7,768.05	8	8,017.19	8		8		8	
1/4	5,343.23	1/4	5,917.30	1/4	6,461.29	1/4	6,963.27	1/4	7,408.25	1/4	7,774.59	1/4	8,020.27	1/4		1/4		1/4	
1/2	5,355.42	1/2	5,928.98	1/2	6,472.21	1/2	6,973.17	1/2	7,416.76	1/2	7,781.13	1/2	8,023.35	1/2		1/2		1/2	
3/4	5,367.61	3/4	5,940.65	3/4	6,483.13	3/4	6,983.07	3/4	7,425.27	3/4	7,787.68	3/4	8,026.43	3/4		3/4		3/4	
9	5,379.81	9	5,952.32	9	6,494.05	9	6,992.97	9	7,433.78	9	7,794.22	9	8,029.51	9		9		9	
1/4	5,391.96	1/4	5,963.94	1/4	6,504.90	1/4	7,002.77	1/4	7,442.16	1/4	7,800.56	1/4	8,032.08	1/4		1/4		1/4	
1/2	5,404.12	1/2	5,975.55	1/2	6,515.75	1/2	7,012.57	1/2	7,450.53	1/2	7,806.89	1/2	8,034.64	1/2		1/2		1/2	
3/4	5,416.27	3/4	5,987.17	3/4	6,526.60	3/4	7,022.37	3/4	7,458.90	3/4	7,813.23	3/4	8,037.20	3/4		3/4		3/4	
10	5,428.43	10	5,998.79	10	6,537.45	10	7,032.17	10	7,467.28	10	7,819.57	10	8,039.77	10		10		10	
1/4	5,440.55	1/4	6,010.35	1/4	6,548.22	1/4	7,041.87	1/4	7,475.51	1/4	7,825.69	1/4	8,041.67	1/4		1/4		1/4	
1/2	5,452.67	1/2	6,021.92	1/2	6,558.99	1/2	7,051.56	1/2	7,483.74	1/2	7,831.82	1/2	8,043.57	1/2		1/2		1/2	
3/4	5,464.79	3/4	6,033.48	3/4	6,569.77	3/4	7,061.26	3/4	7,491.98	3/4	7,837.94	3/4	8,045.47	3/4		3/4		3/4	
11	5,476.91	11	6,045.04	11	6,580.54	11	7,070.96	11	7,500.21	11	7,844.06	11	8,047.38	11		11		11	
1/4	5,488.99	1/4	6,056.55	1/4	6,591.24	1/4	7,080.55	1/4	7,508.30	1/4	7,849.96	1/4	8,048.37	1/4		1/4		1/4	
1/2	5,501.07	1/2	6,068.06	1/2	6,601.93	1/2	7,090.14	1/2	7,516.38	1/2	7,855.86	1/2	8,049.35	1/2		1/2		1/2	
3/4	5,513.15	3/4	6,079.56	3/4	6,612.63	3/4	7,099.73	3/4	7,524.47	3/4	7,861.76	3/4	8,050.34	3/4		3/4		3/4	

STRAPPED: 10/08/2015 SW  
CALCULATED: 10/08/2015 CL  
PRINTED: 10/08/2015 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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Pearland, Texas 77588

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