



# BARGE "FMT 2044"

# 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	187.85	0	524.57	0	949.21	0	1,436.21	0	1,969.16	0	2,535.49	0	3,124.59	0	3,726.98	0	4,333.74
1/4	1.27	1/4	193.76	1/4	532.70	1/4	958.83	1/4	1,446.92	1/4	1,980.68	1/4	2,547.58	1/4	3,137.04	1/4	3,739.61	1/4	4,346.36
1/2	2.41	1/2	199.66	1/2	540.82	1/2	968.44	1/2	1,457.63	1/2	1,992.20	1/2	2,559.67	1/2	3,149.50	1/2	3,752.24	1/2	4,358.98
3/4	3.55	3/4	205.56	3/4	548.94	3/4	978.06	3/4	1,468.34	3/4	2,003.72	3/4	2,571.76	3/4	3,161.95	3/4	3,764.87	3/4	4,371.60
1	4.69	1	211.47	1	557.06	1	987.68	1	1,479.06	1	2,015.24	1	2,583.85	1	3,174.41	1	3,777.49	1	4,384.22
1/4	6.78	1/4	217.59	1/4	565.33	1/4	997.40	1/4	1,489.85	1/4	2,026.81	1/4	2,595.97	1/4	3,186.88	1/4	3,790.13	1/4	4,396.84
1/2	8.87	1/2	223.72	1/2	573.59	1/2	1,007.12	1/2	1,500.64	1/2	2,038.39	1/2	2,608.10	1/2	3,199.36	1/2	3,802.77	1/2	4,409.45
3/4	10.96	3/4	229.84	3/4	581.86	3/4	1,016.84	3/4	1,511.43	3/4	2,049.96	3/4	2,620.23	3/4	3,211.83	3/4	3,815.40	3/4	4,422.06
2	13.04	2	235.97	2	590.12	2	1,026.56	2	1,522.22	2	2,061.54	2	2,632.36	2	3,224.31	2	3,828.04	2	4,434.68
1/4	15.75	1/4	242.33	1/4	598.53	1/4	1,036.38	1/4	1,533.08	1/4	2,073.17	1/4	2,644.52	1/4	3,236.81	1/4	3,840.68	1/4	4,447.28
1/2	18.45	1/2	248.69	1/2	606.94	1/2	1,046.20	1/2	1,543.95	1/2	2,084.80	1/2	2,656.68	1/2	3,249.30	1/2	3,853.32	1/2	4,459.88
3/4	21.15	3/4	255.05	3/4	615.34	3/4	1,056.02	3/4	1,554.81	3/4	2,096.43	3/4	2,668.85	3/4	3,261.80	3/4	3,865.96	3/4	4,472.48
3	23.85	3	261.42	3	623.75	3	1,065.85	3	1,565.68	3	2,108.06	3	2,681.01	3	3,274.29	3	3,878.60	3	4,485.09
1/4	27.05	1/4	268.01	1/4	632.29	1/4	1,075.77	1/4	1,576.61	1/4	2,119.74	1/4	2,693.21	1/4	3,286.81	1/4	3,891.24	1/4	4,497.68
1/2	30.24	1/2	274.60	1/2	640.83	1/2	1,085.69	1/2	1,587.55	1/2	2,131.42	1/2	2,705.41	1/2	3,299.33	1/2	3,903.89	1/2	4,510.27
3/4	33.44	3/4	281.19	3/4	649.38	3/4	1,095.61	3/4	1,598.49	3/4	2,143.10	3/4	2,717.61	3/4	3,311.84	3/4	3,916.53	3/4	4,522.86
4	36.64	4	287.78	4	657.92	4	1,105.53	4	1,609.43	4	2,154.78	4	2,729.81	4	3,324.36	4	3,929.18	4	4,535.45
1/4	40.26	1/4	294.57	1/4	666.59	1/4	1,115.55	1/4	1,620.44	1/4	2,166.52	1/4	2,742.04	1/4	3,336.89	1/4	3,941.82	1/4	4,548.03
1/2	43.88	1/2	301.36	1/2	675.27	1/2	1,125.57	1/2	1,631.45	1/2	2,178.25	1/2	2,754.28	1/2	3,349.42	1/2	3,954.47	1/2	4,560.61
3/4	47.50	3/4	308.14	3/4	683.94	3/4	1,135.59	3/4	1,642.46	3/4	2,189.98	3/4	2,766.51	3/4	3,361.96	3/4	3,967.12	3/4	4,573.19
5	51.12	5	314.93	5	692.62	5	1,145.61	5	1,653.47	5	2,201.72	5	2,778.74	5	3,374.49	5	3,979.76	5	4,585.77
1/4	55.12	1/4	321.90	1/4	701.42	1/4	1,155.72	1/4	1,664.55	1/4	2,213.50	1/4	2,791.01	1/4	3,387.04	1/4	3,992.41	1/4	4,598.33
1/2	59.12	1/2	328.88	1/2	710.23	1/2	1,165.83	1/2	1,675.63	1/2	2,225.28	1/2	2,803.27	1/2	3,399.59	1/2	4,005.06	1/2	4,610.90
3/4	63.12	3/4	335.85	3/4	719.03	3/4	1,175.95	3/4	1,686.71	3/4	2,237.07	3/4	2,815.54	3/4	3,412.14	3/4	4,017.71	3/4	4,623.46
6	67.12	6	342.82	6	727.83	6	1,186.06	6	1,697.79	6	2,248.85	6	2,827.80	6	3,424.69	6	4,030.36	6	4,636.03
1/4	71.46	1/4	349.98	1/4	736.76	1/4	1,196.27	1/4	1,708.94	1/4	2,260.68	1/4	2,840.10	1/4	3,437.25	1/4	4,043.01	1/4	4,648.58
1/2	75.80	1/2	357.13	1/2	745.69	1/2	1,206.47	1/2	1,720.08	1/2	2,272.51	1/2	2,852.40	1/2	3,449.82	1/2	4,055.65	1/2	4,661.13
3/4	80.14	3/4	364.29	3/4	754.62	3/4	1,216.68	3/4	1,731.23	3/4	2,284.35	3/4	2,864.69	3/4	3,462.38	3/4	4,068.30	3/4	4,673.68
7	84.48	7	371.44	7	763.55	7	1,226.88	7	1,742.38	7	2,296.18	7	2,876.99	7	3,474.95	7	4,080.95	7	4,686.23
1/4	89.13	1/4	378.77	1/4	772.60	1/4	1,237.18	1/4	1,753.59	1/4	2,308.05	1/4	2,889.31	1/4	3,487.53	1/4	4,093.60	1/4	4,698.76
1/2	93.79	1/2	386.10	1/2	781.65	1/2	1,247.47	1/2	1,764.81	1/2	2,319.93	1/2	2,901.64	1/2	3,500.10	1/2	4,106.24	1/2	4,711.29
3/4	98.44	3/4	393.43	3/4	790.70	3/4	1,257.77	3/4	1,776.02	3/4	2,331.81	3/4	2,913.97	3/4	3,512.68	3/4	4,118.89	3/4	4,723.83
8	103.10	8	400.76	8	799.76	8	1,268.06	8	1,787.23	8	2,343.69	8	2,926.29	8	3,525.26	8	4,131.54	8	4,736.36
1/4	108.02	1/4	408.26	1/4	808.93	1/4	1,278.45	1/4	1,798.51	1/4	2,355.61	1/4	2,938.65	1/4	3,537.85	1/4	4,144.18	1/4	4,748.87
1/2	112.94	1/2	415.76	1/2	818.10	1/2	1,288.83	1/2	1,809.79	1/2	2,367.54	1/2	2,951.00	1/2	3,550.45	1/2	4,156.83	1/2	4,761.39
3/4	117.86	3/4	423.26	3/4	827.27	3/4	1,299.21	3/4	1,821.07	3/4	2,379.46	3/4	2,963.36	3/4	3,563.04	3/4	4,169.47	3/4	4,773.90
9	122.78	9	430.76	9	836.44	9	1,309.59	9	1,832.35	9	2,391.38	9	2,975.71	9	3,575.63	9	4,182.12	9	4,786.42
1/4	127.95	1/4	438.42	1/4	845.72	1/4	1,320.06	1/4	1,843.69	1/4	2,403.35	1/4	2,988.09	1/4	3,588.23	1/4	4,194.76	1/4	4,798.92
1/2	133.12	1/2	446.08	1/2	855.01	1/2	1,330.53	1/2	1,855.03	1/2	2,415.32	1/2	3,000.47	1/2	3,600.83	1/2	4,207.40	1/2	4,811.41
3/4	138.29	3/4	453.74	3/4	864.29	3/4	1,341.00	3/4	1,866.37	3/4	2,427.28	3/4	3,012.85	3/4	3,613.44	3/4	4,220.04	3/4	4,823.91
10	143.46	10	461.40	10	873.58	10	1,351.47	10	1,877.71	10	2,439.25	10	3,025.24	10	3,626.04	10	4,232.68	10	4,836.41
1/4	148.89	1/4	469.22	1/4	882.98	1/4	1,362.02	1/4	1,889.11	1/4	2,451.26	1/4	3,037.64	1/4	3,638.65	1/4	4,245.31	1/4	4,848.88
1/2	154.31	1/2	477.04	1/2	892.38	1/2	1,372.57	1/2	1,900.52	1/2	2,463.27	1/2	3,050.05	1/2	3,651.26	1/2	4,257.95	1/2	4,861.36
3/4	159.74	3/4	484.86	3/4	901.78	3/4	1,383.12	3/4	1,911.92	3/4	2,475.28	3/4	3,062.46	3/4	3,663.88	3/4	4,270.58	3/4	4,873.83
11	165.17	11	492.68	11	911.18	11	1,393.67	11	1,923.32	11	2,487.29	11	3,074.86	11	3,676.49	11	4,283.22	11	4,886.31
1/4	170.84	1/4	500.65	1/4	920.68	1/4	1,404.31	1/4	1,934.78	1/4	2,499.34	1/4	3,087.29	1/4	3,689.11	1/4	4,295.85	1/4	4,898.76
1/2	176.51	1/2	508.63	1/2	930.19	1/2	1,414.94	1/2	1,946.24	1/2	2,511.39	1/2	3,099.73	1/2	3,701.73	1/2	4,308.48	1/2	4,911.22
3/4	182.18	3/4	516.60	3/4	939.70	3/4	1,425.57	3/4	1,957.70	3/4	2,523.44	3/4	3,112.16	3/4	3,714.36	3/4	4,321.11	3/4	4,923.67

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 "FMT 2044"

## 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	4,936.13	0	5,525.23	0	6,091.55	0	6,624.51	0	7,111.50	0	7,536.14	0	7,873.38	0	8,061.83	0		0	
1/4	4,948.56	1/4	5,537.28	1/4	6,103.01	1/4	6,635.14	1/4	7,121.01	1/4	7,544.11	1/4	7,879.10	1/4		1/4		1/4	
1/2	4,960.99	1/2	5,549.33	1/2	6,114.47	1/2	6,645.77	1/2	7,130.52	1/2	7,552.09	1/2	7,884.82	1/2		1/2		1/2	
3/4	4,973.42	3/4	5,561.38	3/4	6,125.93	3/4	6,656.41	3/4	7,140.03	3/4	7,560.06	3/4	7,890.55	3/4		3/4		3/4	
1	4,985.85	1	5,573.43	1	6,137.40	1	6,667.04	1	7,149.54	1	7,568.03	1	7,896.27	1		1		1	
1/4	4,998.26	1/4	5,585.44	1/4	6,148.80	1/4	6,677.59	1/4	7,158.94	1/4	7,575.85	1/4	7,901.75	1/4		1/4		1/4	
1/2	5,010.67	1/2	5,597.45	1/2	6,160.20	1/2	6,688.14	1/2	7,168.34	1/2	7,583.67	1/2	7,907.23	1/2		1/2		1/2	
3/4	5,023.07	3/4	5,609.45	3/4	6,171.60	3/4	6,698.70	3/4	7,177.74	3/4	7,591.49	3/4	7,912.71	3/4		3/4		3/4	
2	5,035.48	2	5,621.46	2	6,183.00	2	6,709.25	2	7,187.13	2	7,599.31	2	7,918.19	2		2		2	
1/4	5,047.86	1/4	5,633.43	1/4	6,194.34	1/4	6,719.72	1/4	7,196.42	1/4	7,606.97	1/4	7,923.41	1/4		1/4		1/4	
1/2	5,060.24	1/2	5,645.40	1/2	6,205.69	1/2	6,730.18	1/2	7,205.71	1/2	7,614.64	1/2	7,928.63	1/2		1/2		1/2	
3/4	5,072.62	3/4	5,657.37	3/4	6,217.03	3/4	6,740.65	3/4	7,214.99	3/4	7,622.30	3/4	7,933.85	3/4		3/4		3/4	
3	5,085.00	3	5,669.33	3	6,228.37	3	6,751.12	3	7,224.28	3	7,629.96	3	7,939.07	3		3		3	
1/4	5,097.36	1/4	5,681.26	1/4	6,239.65	1/4	6,761.50	1/4	7,233.45	1/4	7,637.46	1/4	7,944.02	1/4		1/4		1/4	
1/2	5,109.71	1/2	5,693.18	1/2	6,250.92	1/2	6,771.89	1/2	7,242.62	1/2	7,644.96	1/2	7,948.97	1/2		1/2		1/2	
3/4	5,122.07	3/4	5,705.10	3/4	6,262.20	3/4	6,782.27	3/4	7,251.79	3/4	7,652.45	3/4	7,953.91	3/4		3/4		3/4	
4	5,134.42	4	5,717.03	4	6,273.48	4	6,792.65	4	7,260.96	4	7,659.95	4	7,958.86	4		4		4	
1/4	5,146.75	1/4	5,728.90	1/4	6,284.69	1/4	6,802.95	1/4	7,270.01	1/4	7,667.28	1/4	7,963.51	1/4		1/4		1/4	
1/2	5,159.07	1/2	5,740.78	1/2	6,295.91	1/2	6,813.24	1/2	7,279.06	1/2	7,674.61	1/2	7,968.17	1/2		1/2		1/2	
3/4	5,171.40	3/4	5,752.66	3/4	6,307.12	3/4	6,823.54	3/4	7,288.11	3/4	7,681.94	3/4	7,972.82	3/4		3/4		3/4	
5	5,183.73	5	5,764.54	5	6,318.34	5	6,833.83	5	7,297.16	5	7,689.27	5	7,977.48	5		5		5	
1/4	5,196.02	1/4	5,776.37	1/4	6,329.48	1/4	6,844.04	1/4	7,306.09	1/4	7,696.43	1/4	7,981.82	1/4		1/4		1/4	
1/2	5,208.32	1/2	5,788.20	1/2	6,340.63	1/2	6,854.24	1/2	7,315.02	1/2	7,703.58	1/2	7,986.16	1/2		1/2		1/2	
3/4	5,220.62	3/4	5,800.03	3/4	6,351.78	3/4	6,864.45	3/4	7,323.95	3/4	7,710.74	3/4	7,990.50	3/4		3/4		3/4	
6	5,232.91	6	5,811.86	6	6,362.93	6	6,874.65	6	7,332.88	6	7,717.89	6	7,994.84	6		6		6	
1/4	5,245.18	1/4	5,823.65	1/4	6,374.01	1/4	6,884.77	1/4	7,341.68	1/4	7,724.86	1/4	7,998.84	1/4		1/4		1/4	
1/2	5,257.44	1/2	5,835.43	1/2	6,385.09	1/2	6,894.88	1/2	7,350.49	1/2	7,731.84	1/2	8,002.84	1/2		1/2		1/2	
3/4	5,269.71	3/4	5,847.21	3/4	6,396.17	3/4	6,904.99	3/4	7,359.29	3/4	7,738.81	3/4	8,006.84	3/4		3/4		3/4	
7	5,281.97	7	5,859.00	7	6,407.25	7	6,915.11	7	7,368.10	7	7,745.79	7	8,010.83	7		7		7	
1/4	5,294.21	1/4	5,870.73	1/4	6,418.26	1/4	6,925.13	1/4	7,376.77	1/4	7,752.57	1/4	8,014.46	1/4		1/4		1/4	
1/2	5,306.44	1/2	5,882.46	1/2	6,429.27	1/2	6,935.14	1/2	7,385.45	1/2	7,759.36	1/2	8,018.08	1/2		1/2		1/2	
3/4	5,318.67	3/4	5,894.20	3/4	6,440.28	3/4	6,945.16	3/4	7,394.12	3/4	7,766.15	3/4	8,021.70	3/4		3/4		3/4	
8	5,330.91	8	5,905.93	8	6,451.29	8	6,955.18	8	7,402.80	8	7,772.93	8	8,025.32	8		8		8	
1/4	5,343.10	1/4	5,917.61	1/4	6,462.22	1/4	6,965.10	1/4	7,411.34	1/4	7,779.52	1/4	8,028.51	1/4		1/4		1/4	
1/2	5,355.30	1/2	5,929.29	1/2	6,473.16	1/2	6,975.02	1/2	7,419.88	1/2	7,786.11	1/2	8,031.71	1/2		1/2		1/2	
3/4	5,367.50	3/4	5,940.98	3/4	6,484.10	3/4	6,984.95	3/4	7,428.42	3/4	7,792.71	3/4	8,034.91	3/4		3/4		3/4	
9	5,379.70	9	5,952.66	9	6,495.04	9	6,994.87	9	7,436.97	9	7,799.30	9	8,038.10	9		9		9	
1/4	5,391.87	1/4	5,964.29	1/4	6,505.90	1/4	7,004.69	1/4	7,445.37	1/4	7,805.69	1/4	8,040.81	1/4		1/4		1/4	
1/2	5,404.03	1/2	5,975.92	1/2	6,516.77	1/2	7,014.51	1/2	7,453.78	1/2	7,812.07	1/2	8,043.51	1/2		1/2		1/2	
3/4	5,416.19	3/4	5,987.55	3/4	6,527.63	3/4	7,024.34	3/4	7,462.18	3/4	7,818.46	3/4	8,046.21	3/4		3/4		3/4	
10	5,428.36	10	5,999.18	10	6,538.50	10	7,034.16	10	7,470.59	10	7,824.85	10	8,048.91	10		10		10	
1/4	5,440.49	1/4	6,010.75	1/4	6,549.29	1/4	7,043.88	1/4	7,478.86	1/4	7,831.03	1/4	8,051.00	1/4		1/4		1/4	
1/2	5,452.61	1/2	6,022.33	1/2	6,560.08	1/2	7,053.60	1/2	7,487.12	1/2	7,837.20	1/2	8,053.09	1/2		1/2		1/2	
3/4	5,464.74	3/4	6,033.90	3/4	6,570.87	3/4	7,063.32	3/4	7,495.39	3/4	7,843.38	3/4	8,055.18	3/4		3/4		3/4	
11	5,476.87	11	6,045.48	11	6,581.66	11	7,073.04	11	7,503.65	11	7,849.56	11	8,057.26	11		11		11	
1/4	5,488.96	1/4	6,056.99	1/4	6,592.37	1/4	7,082.66	1/4	7,511.78	1/4	7,855.51	1/4	8,058.41	1/4		1/4		1/4	
1/2	5,501.05	1/2	6,068.51	1/2	6,603.08	1/2	7,092.27	1/2	7,519.90	1/2	7,861.47	1/2	8,059.55	1/2		1/2		1/2	
3/4	5,513.14	3/4	6,080.03	3/4	6,613.80	3/4	7,101.89	3/4	7,528.02	3/4	7,867.42	3/4	8,060.69	3/4		3/4		3/4	

STRAPPED: 07/23/2014 CL  
CALCULATED: 07/24/2014 CL  
PRINTED: 07/25/2014 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2014

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



# BARGE "FMT 2044"

**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	188.22	0	525.44	0	950.60	0	1,438.10	0	1,971.53	0	2,538.31	0	3,127.83	0	3,730.63	0	4,337.80
1/4	1.27	1/4	194.13	1/4	533.57	1/4	960.23	1/4	1,448.82	1/4	1,983.06	1/4	2,550.41	1/4	3,140.30	1/4	3,743.27	1/4	4,350.43
1/2	2.41	1/2	200.04	1/2	541.71	1/2	969.85	1/2	1,459.55	1/2	1,994.59	1/2	2,562.51	1/2	3,152.76	1/2	3,755.91	1/2	4,363.06
3/4	3.56	3/4	205.96	3/4	549.84	3/4	979.48	3/4	1,470.27	3/4	2,006.12	3/4	2,574.60	3/4	3,165.22	3/4	3,768.55	3/4	4,375.69
1	4.70	1	211.87	1	557.97	1	989.11	1	1,480.99	1	2,017.65	1	2,586.70	1	3,177.69	1	3,781.19	1	4,388.32
1/4	6.80	1/4	218.00	1/4	566.25	1/4	998.84	1/4	1,491.79	1/4	2,029.23	1/4	2,598.84	1/4	3,190.17	1/4	3,793.83	1/4	4,400.94
1/2	8.89	1/2	224.14	1/2	574.53	1/2	1,008.57	1/2	1,502.59	1/2	2,040.82	1/2	2,610.98	1/2	3,202.66	1/2	3,806.47	1/2	4,413.56
3/4	10.98	3/4	230.27	3/4	582.80	3/4	1,018.30	3/4	1,513.39	3/4	2,052.40	3/4	2,623.11	3/4	3,215.14	3/4	3,819.12	3/4	4,426.19
2	13.07	2	236.41	2	591.08	2	1,028.03	2	1,524.19	2	2,063.99	2	2,635.25	2	3,227.62	2	3,831.76	2	4,438.81
1/4	15.78	1/4	242.78	1/4	599.50	1/4	1,037.87	1/4	1,535.07	1/4	2,075.63	1/4	2,647.42	1/4	3,240.13	1/4	3,844.41	1/4	4,451.42
1/2	18.49	1/2	249.16	1/2	607.91	1/2	1,047.70	1/2	1,545.94	1/2	2,087.26	1/2	2,659.59	1/2	3,252.63	1/2	3,857.06	1/2	4,464.03
3/4	21.20	3/4	255.53	3/4	616.33	3/4	1,057.53	3/4	1,556.82	3/4	2,098.90	3/4	2,671.77	3/4	3,265.14	3/4	3,869.71	3/4	4,476.64
3	23.91	3	261.90	3	624.75	3	1,067.37	3	1,567.69	3	2,110.54	3	2,683.94	3	3,277.64	3	3,882.36	3	4,489.25
1/4	27.11	1/4	268.50	1/4	633.30	1/4	1,077.30	1/4	1,578.64	1/4	2,122.23	1/4	2,696.15	1/4	3,290.17	1/4	3,895.01	1/4	4,501.85
1/2	30.31	1/2	275.10	1/2	641.86	1/2	1,087.23	1/2	1,589.59	1/2	2,133.92	1/2	2,708.36	1/2	3,302.69	1/2	3,907.66	1/2	4,514.45
3/4	33.52	3/4	281.71	3/4	650.41	3/4	1,097.16	3/4	1,600.54	3/4	2,145.62	3/4	2,720.57	3/4	3,315.22	3/4	3,920.32	3/4	4,527.05
4	36.72	4	288.31	4	658.96	4	1,107.09	4	1,611.49	4	2,157.31	4	2,732.77	4	3,327.74	4	3,932.97	4	4,539.65
1/4	40.35	1/4	295.10	1/4	667.65	1/4	1,117.12	1/4	1,622.51	1/4	2,169.05	1/4	2,745.02	1/4	3,340.28	1/4	3,945.62	1/4	4,552.24
1/2	43.98	1/2	301.90	1/2	676.33	1/2	1,127.15	1/2	1,633.53	1/2	2,180.79	1/2	2,757.26	1/2	3,352.82	1/2	3,958.28	1/2	4,564.83
3/4	47.60	3/4	308.70	3/4	685.02	3/4	1,137.18	3/4	1,644.55	3/4	2,192.54	3/4	2,769.50	3/4	3,365.37	3/4	3,970.94	3/4	4,577.41
5	51.23	5	315.50	5	693.71	5	1,147.21	5	1,655.57	5	2,204.28	5	2,781.74	5	3,377.91	5	3,983.59	5	4,590.00
1/4	55.24	1/4	322.48	1/4	702.52	1/4	1,157.33	1/4	1,666.66	1/4	2,216.07	1/4	2,794.02	1/4	3,390.47	1/4	3,996.25	1/4	4,602.57
1/2	59.24	1/2	329.46	1/2	711.33	1/2	1,167.46	1/2	1,677.75	1/2	2,227.86	1/2	2,806.29	1/2	3,403.02	1/2	4,008.90	1/2	4,615.15
3/4	63.25	3/4	336.45	3/4	720.15	3/4	1,177.58	3/4	1,688.84	3/4	2,239.66	3/4	2,818.56	3/4	3,415.58	3/4	4,021.56	3/4	4,627.72
6	67.26	6	343.43	6	728.96	6	1,187.71	6	1,699.93	6	2,251.45	6	2,830.84	6	3,428.14	6	4,034.22	6	4,640.30
1/4	71.61	1/4	350.60	1/4	737.90	1/4	1,197.92	1/4	1,711.08	1/4	2,263.29	1/4	2,843.14	1/4	3,440.71	1/4	4,046.87	1/4	4,652.85
1/2	75.95	1/2	357.76	1/2	746.84	1/2	1,208.14	1/2	1,722.24	1/2	2,275.13	1/2	2,855.45	1/2	3,453.29	1/2	4,059.53	1/2	4,665.41
3/4	80.30	3/4	364.93	3/4	755.78	3/4	1,218.35	3/4	1,733.40	3/4	2,286.97	3/4	2,867.75	3/4	3,465.86	3/4	4,072.19	3/4	4,677.97
7	84.65	7	372.10	7	764.72	7	1,228.57	7	1,744.56	7	2,298.81	7	2,880.06	7	3,478.43	7	4,084.84	7	4,690.53
1/4	89.32	1/4	379.44	1/4	773.79	1/4	1,238.87	1/4	1,755.78	1/4	2,310.70	1/4	2,892.39	1/4	3,491.02	1/4	4,097.50	1/4	4,703.07
1/2	93.98	1/2	386.78	1/2	782.85	1/2	1,249.18	1/2	1,767.00	1/2	2,322.59	1/2	2,904.73	1/2	3,503.61	1/2	4,110.15	1/2	4,715.61
3/4	98.64	3/4	394.12	3/4	791.91	3/4	1,259.49	3/4	1,778.23	3/4	2,334.47	3/4	2,917.06	3/4	3,516.20	3/4	4,122.81	3/4	4,728.15
8	103.31	8	401.46	8	800.97	8	1,269.79	8	1,789.45	8	2,346.36	8	2,929.40	8	3,528.78	8	4,135.47	8	4,740.70
1/4	108.24	1/4	408.97	1/4	810.15	1/4	1,280.19	1/4	1,800.74	1/4	2,358.29	1/4	2,941.76	1/4	3,541.38	1/4	4,148.12	1/4	4,753.22
1/2	113.17	1/2	416.48	1/2	819.34	1/2	1,290.58	1/2	1,812.03	1/2	2,370.23	1/2	2,954.12	1/2	3,553.98	1/2	4,160.77	1/2	4,765.74
3/4	118.10	3/4	423.98	3/4	828.52	3/4	1,300.97	3/4	1,823.31	3/4	2,382.16	3/4	2,966.49	3/4	3,566.58	3/4	4,173.42	3/4	4,778.27
9	123.03	9	431.49	9	837.70	9	1,311.36	9	1,834.60	9	2,394.09	9	2,978.85	9	3,579.18	9	4,186.08	9	4,790.79
1/4	128.21	1/4	439.17	1/4	846.99	1/4	1,321.84	1/4	1,845.95	1/4	2,406.07	1/4	2,991.24	1/4	3,591.79	1/4	4,198.73	1/4	4,803.30
1/2	133.39	1/2	446.84	1/2	856.29	1/2	1,332.32	1/2	1,857.30	1/2	2,418.04	1/2	3,003.63	1/2	3,604.41	1/2	4,211.38	1/2	4,815.80
3/4	138.56	3/4	454.51	3/4	865.59	3/4	1,342.80	3/4	1,868.65	3/4	2,430.02	3/4	3,016.02	3/4	3,617.02	3/4	4,224.02	3/4	4,828.31
10	143.74	10	462.18	10	874.88	10	1,353.28	10	1,880.00	10	2,442.00	10	3,028.41	10	3,629.63	10	4,236.67	10	4,840.81
1/4	149.18	1/4	470.01	1/4	884.29	1/4	1,363.84	1/4	1,891.42	1/4	2,454.02	1/4	3,040.83	1/4	3,642.25	1/4	4,249.32	1/4	4,853.30
1/2	154.62	1/2	477.84	1/2	893.70	1/2	1,374.40	1/2	1,902.83	1/2	2,466.03	1/2	3,053.24	1/2	3,654.87	1/2	4,261.96	1/2	4,865.78
3/4	160.05	3/4	485.68	3/4	903.11	3/4	1,384.97	3/4	1,914.24	3/4	2,478.05	3/4	3,065.66	3/4	3,667.49	3/4	4,274.61	3/4	4,878.26
11	165.49	11	493.51	11	912.52	11	1,395.53	11	1,925.65	11	2,490.07	11	3,078.07	11	3,680.11	11	4,287.25	11	4,890.75
1/4	171.17	1/4	501.49	1/4	922.04	1/4	1,406.17	1/4	1,937.12	1/4	2,502.13	1/4	3,090.51	1/4	3,692.74	1/4	4,299.89	1/4	4,903.21
1/2	176.85	1/2	509.47	1/2	931.56	1/2	1,416.81	1/2	1,948.59	1/2	2,514.19	1/2	3,102.95	1/2	3,705.37	1/2	4,312.53	1/2	4,915.68
3/4	182.53	3/4	517.46	3/4	941.08	3/4	1,427.46	3/4	1,960.06	3/4	2,526.25	3/4	3,115.39	3/4	3,718.00	3/4	4,325.16	3/4	4,928.14

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.

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



# BARGE "FMT 2044"

## 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	4,940.60	0	5,530.13	0	6,096.90	0	6,630.33	0	7,117.83	0	7,542.99	0	7,880.74	0	8,069.55	0		0	
1/4	4,953.04	1/4	5,542.19	1/4	6,108.37	1/4	6,640.98	1/4	7,127.35	1/4	7,550.98	1/4	7,886.47	1/4		1/4		1/4	
1/2	4,965.48	1/2	5,554.25	1/2	6,119.84	1/2	6,651.62	1/2	7,136.87	1/2	7,558.96	1/2	7,892.20	1/2		1/2		1/2	
3/4	4,977.92	3/4	5,566.31	3/4	6,131.31	3/4	6,662.26	3/4	7,146.39	3/4	7,566.95	3/4	7,897.94	3/4		3/4		3/4	
1	4,990.36	1	5,578.36	1	6,142.78	1	6,672.91	1	7,155.91	1	7,574.93	1	7,903.67	1		1		1	
1/4	5,002.78	1/4	5,590.38	1/4	6,154.20	1/4	6,683.47	1/4	7,165.32	1/4	7,582.76	1/4	7,909.16	1/4		1/4		1/4	
1/2	5,015.19	1/2	5,602.40	1/2	6,165.61	1/2	6,694.03	1/2	7,174.73	1/2	7,590.59	1/2	7,914.65	1/2		1/2		1/2	
3/4	5,027.61	3/4	5,614.42	3/4	6,177.02	3/4	6,704.59	3/4	7,184.14	3/4	7,598.42	3/4	7,920.13	3/4		3/4		3/4	
2	5,040.02	2	5,626.44	2	6,188.43	2	6,715.16	2	7,193.55	2	7,606.25	2	7,925.62	2		2		2	
1/4	5,052.41	1/4	5,638.41	1/4	6,199.78	1/4	6,725.63	1/4	7,202.85	1/4	7,613.92	1/4	7,930.85	1/4		1/4		1/4	
1/2	5,064.80	1/2	5,650.39	1/2	6,211.13	1/2	6,736.11	1/2	7,212.14	1/2	7,621.60	1/2	7,936.08	1/2		1/2		1/2	
3/4	5,077.19	3/4	5,662.37	3/4	6,222.48	3/4	6,746.59	3/4	7,221.44	3/4	7,629.27	3/4	7,941.31	3/4		3/4		3/4	
3	5,089.58	3	5,674.34	3	6,233.83	3	6,757.07	3	7,230.74	3	7,636.94	3	7,946.54	3		3		3	
1/4	5,101.95	1/4	5,686.28	1/4	6,245.12	1/4	6,767.46	1/4	7,239.92	1/4	7,644.45	1/4	7,951.50	1/4		1/4		1/4	
1/2	5,114.31	1/2	5,698.21	1/2	6,256.41	1/2	6,777.86	1/2	7,249.10	1/2	7,651.96	1/2	7,956.46	1/2		1/2		1/2	
3/4	5,126.67	3/4	5,710.14	3/4	6,267.70	3/4	6,788.25	3/4	7,258.28	3/4	7,659.47	3/4	7,961.41	3/4		3/4		3/4	
4	5,139.04	4	5,722.07	4	6,278.99	4	6,798.64	4	7,267.46	4	7,666.98	4	7,966.37	4		4		4	
1/4	5,151.37	1/4	5,733.96	1/4	6,290.21	1/4	6,808.95	1/4	7,276.52	1/4	7,674.32	1/4	7,971.03	1/4		1/4		1/4	
1/2	5,163.71	1/2	5,745.85	1/2	6,301.43	1/2	6,819.25	1/2	7,285.59	1/2	7,681.66	1/2	7,975.70	1/2		1/2		1/2	
3/4	5,176.04	3/4	5,757.74	3/4	6,312.66	3/4	6,829.56	3/4	7,294.65	3/4	7,689.00	3/4	7,980.36	3/4		3/4		3/4	
5	5,188.38	5	5,769.62	5	6,323.88	5	6,839.87	5	7,303.71	5	7,696.34	5	7,985.02	5		5		5	
1/4	5,200.68	1/4	5,781.46	1/4	6,335.04	1/4	6,850.08	1/4	7,312.65	1/4	7,703.50	1/4	7,989.37	1/4		1/4		1/4	
1/2	5,212.99	1/2	5,793.30	1/2	6,346.20	1/2	6,860.30	1/2	7,321.59	1/2	7,710.67	1/2	7,993.72	1/2		1/2		1/2	
3/4	5,225.29	3/4	5,805.14	3/4	6,357.35	3/4	6,870.51	3/4	7,330.53	3/4	7,717.84	3/4	7,998.07	3/4		3/4		3/4	
6	5,237.60	6	5,816.99	6	6,368.51	6	6,880.73	6	7,339.47	6	7,725.00	6	8,002.42	6		6		6	
1/4	5,249.87	1/4	5,828.78	1/4	6,379.60	1/4	6,890.85	1/4	7,348.29	1/4	7,731.99	1/4	8,006.43	1/4		1/4		1/4	
1/2	5,262.15	1/2	5,840.57	1/2	6,390.69	1/2	6,900.98	1/2	7,357.10	1/2	7,738.97	1/2	8,010.43	1/2		1/2		1/2	
3/4	5,274.42	3/4	5,852.36	3/4	6,401.78	3/4	6,911.10	3/4	7,365.91	3/4	7,745.96	3/4	8,014.44	3/4		3/4		3/4	
7	5,286.69	7	5,864.16	7	6,412.87	7	6,921.22	7	7,374.73	7	7,752.94	7	8,018.44	7		7		7	
1/4	5,298.94	1/4	5,875.90	1/4	6,423.89	1/4	6,931.25	1/4	7,383.42	1/4	7,759.74	1/4	8,022.07	1/4		1/4		1/4	
1/2	5,311.18	1/2	5,887.64	1/2	6,434.91	1/2	6,941.28	1/2	7,392.10	1/2	7,766.53	1/2	8,025.70	1/2		1/2		1/2	
3/4	5,323.42	3/4	5,899.38	3/4	6,445.93	3/4	6,951.31	3/4	7,400.79	3/4	7,773.33	3/4	8,029.33	3/4		3/4		3/4	
8	5,335.66	8	5,911.13	8	6,456.95	8	6,961.34	8	7,409.47	8	7,780.13	8	8,032.96	8		8		8	
1/4	5,347.87	1/4	5,922.82	1/4	6,467.90	1/4	6,971.27	1/4	7,418.03	1/4	7,786.73	1/4	8,036.16	1/4		1/4		1/4	
1/2	5,360.08	1/2	5,934.51	1/2	6,478.85	1/2	6,981.21	1/2	7,426.58	1/2	7,793.33	1/2	8,039.36	1/2		1/2		1/2	
3/4	5,372.29	3/4	5,946.20	3/4	6,489.79	3/4	6,991.14	3/4	7,435.13	3/4	7,799.93	3/4	8,042.57	3/4		3/4		3/4	
9	5,384.49	9	5,957.89	9	6,500.74	9	7,001.07	9	7,443.69	9	7,806.53	9	8,045.77	9		9		9	
1/4	5,396.67	1/4	5,969.53	1/4	6,511.62	1/4	7,010.90	1/4	7,452.10	1/4	7,812.93	1/4	8,048.48	1/4		1/4		1/4	
1/2	5,408.84	1/2	5,981.17	1/2	6,522.49	1/2	7,020.74	1/2	7,460.52	1/2	7,819.33	1/2	8,051.19	1/2		1/2		1/2	
3/4	5,421.01	3/4	5,992.81	3/4	6,533.37	3/4	7,030.57	3/4	7,468.94	3/4	7,825.73	3/4	8,053.89	3/4		3/4		3/4	
10	5,433.19	10	6,004.45	10	6,544.24	10	7,040.40	10	7,477.36	10	7,832.13	10	8,056.60	10		10		10	
1/4	5,445.32	1/4	6,016.03	1/4	6,555.04	1/4	7,050.13	1/4	7,485.63	1/4	7,838.32	1/4	8,058.70	1/4		1/4		1/4	
1/2	5,457.46	1/2	6,027.62	1/2	6,565.84	1/2	7,059.86	1/2	7,493.91	1/2	7,844.50	1/2	8,060.79	1/2		1/2		1/2	
3/4	5,469.60	3/4	6,039.20	3/4	6,576.64	3/4	7,069.60	3/4	7,502.19	3/4	7,850.69	3/4	8,062.88	3/4		3/4		3/4	
11	5,481.73	11	6,050.79	11	6,587.44	11	7,079.33	11	7,510.46	11	7,856.88	11	8,064.97	11		11		11	
1/4	5,493.83	1/4	6,062.32	1/4	6,598.17	1/4	7,088.95	1/4	7,518.60	1/4	7,862.84	1/4	8,066.12	1/4		1/4		1/4	
1/2	5,505.93	1/2	6,073.84	1/2	6,608.89	1/2	7,098.58	1/2	7,526.73	1/2	7,868.81	1/2	8,067.26	1/2		1/2		1/2	
3/4	5,518.03	3/4	6,085.37	3/4	6,619.61	3/4	7,108.21	3/4	7,534.86	3/4	7,874.77	3/4	8,068.41	3/4		3/4		3/4	

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