



# BARGE "FMT 2034"

## 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	188.17	0	525.45	0	950.77	0	1,438.54	0	1,972.34	0	2,539.55	0	3,129.57	0	3,732.89	0	4,340.59
1/4	1.27	1/4	194.09	1/4	533.58	1/4	960.40	1/4	1,449.27	1/4	1,983.88	1/4	2,551.66	1/4	3,142.04	1/4	3,746.54	1/4	4,353.24
1/2	2.41	1/2	200.00	1/2	541.72	1/2	970.03	1/2	1,460.00	1/2	1,995.41	1/2	2,563.77	1/2	3,154.52	1/2	3,758.19	1/2	4,365.88
3/4	3.56	3/4	205.91	3/4	549.85	3/4	979.67	3/4	1,470.73	3/4	2,006.95	3/4	2,575.88	3/4	3,166.99	3/4	3,770.84	3/4	4,378.52
1	4.70	1	211.83	1	557.99	1	989.30	1	1,481.46	1	2,018.49	1	2,587.99	1	3,179.46	1	3,783.49	1	4,391.16
1/4	6.79	1/4	217.96	1/4	566.27	1/4	999.03	1/4	1,492.27	1/4	2,030.08	1/4	2,600.13	1/4	3,191.96	1/4	3,796.14	1/4	4,403.79
1/2	8.88	1/2	224.10	1/2	574.55	1/2	1,008.77	1/2	1,503.07	1/2	2,041.67	1/2	2,612.28	1/2	3,204.45	1/2	3,808.80	1/2	4,416.42
3/4	10.97	3/4	230.23	3/4	582.83	3/4	1,018.51	3/4	1,513.88	3/4	2,053.27	3/4	2,624.42	3/4	3,216.95	3/4	3,821.45	3/4	4,429.06
2	13.07	2	236.37	2	591.11	2	1,028.24	2	1,524.69	2	2,064.86	2	2,636.57	2	3,229.45	2	3,834.11	2	4,441.69
1/4	15.77	1/4	242.74	1/4	599.53	1/4	1,038.08	1/4	1,535.57	1/4	2,076.51	1/4	2,648.75	1/4	3,241.96	1/4	3,846.77	1/4	4,454.31
1/2	18.48	1/2	249.11	1/2	607.95	1/2	1,047.92	1/2	1,546.45	1/2	2,088.16	1/2	2,660.94	1/2	3,254.48	1/2	3,859.43	1/2	4,466.93
3/4	21.19	3/4	255.49	3/4	616.37	3/4	1,057.76	3/4	1,557.33	3/4	2,099.80	3/4	2,673.12	3/4	3,266.99	3/4	3,872.09	3/4	4,479.56
3	23.89	3	261.86	3	624.79	3	1,067.59	3	1,568.22	3	2,111.45	3	2,685.30	3	3,279.51	3	3,884.75	3	4,492.18
1/4	27.10	1/4	268.46	1/4	633.34	1/4	1,077.53	1/4	1,579.17	1/4	2,123.15	1/4	2,697.52	1/4	3,292.04	1/4	3,897.41	1/4	4,504.79
1/2	30.30	1/2	275.06	1/2	641.90	1/2	1,087.47	1/2	1,590.13	1/2	2,134.85	1/2	2,709.74	1/2	3,304.58	1/2	3,910.08	1/2	4,517.40
3/4	33.50	3/4	281.67	3/4	650.45	3/4	1,097.41	3/4	1,601.08	3/4	2,146.55	3/4	2,721.96	3/4	3,317.11	3/4	3,922.74	3/4	4,530.01
4	36.70	4	288.27	4	659.01	4	1,107.34	4	1,612.04	4	2,158.25	4	2,734.18	4	3,329.65	4	3,935.41	4	4,542.62
1/4	40.33	1/4	295.07	1/4	667.70	1/4	1,117.38	1/4	1,623.07	1/4	2,170.00	1/4	2,746.43	1/4	3,342.20	1/4	3,948.07	1/4	4,555.22
1/2	43.96	1/2	301.86	1/2	676.39	1/2	1,127.41	1/2	1,634.09	1/2	2,181.76	1/2	2,758.68	1/2	3,354.75	1/2	3,960.74	1/2	4,567.82
3/4	47.58	3/4	308.66	3/4	685.08	3/4	1,137.45	3/4	1,645.12	3/4	2,193.51	3/4	2,770.93	3/4	3,367.31	3/4	3,973.41	3/4	4,580.42
5	51.21	5	315.46	5	693.77	5	1,147.48	5	1,656.15	5	2,205.26	5	2,783.18	5	3,379.86	5	3,986.07	5	4,593.02
1/4	55.21	1/4	322.44	1/4	702.58	1/4	1,157.61	1/4	1,667.25	1/4	2,217.06	1/4	2,795.47	1/4	3,392.43	1/4	3,998.74	1/4	4,605.60
1/2	59.22	1/2	329.43	1/2	711.40	1/2	1,167.74	1/2	1,678.34	1/2	2,228.86	1/2	2,807.75	1/2	3,405.00	1/2	4,011.41	1/2	4,618.19
3/4	63.22	3/4	336.42	3/4	720.22	3/4	1,177.87	3/4	1,689.44	3/4	2,240.66	3/4	2,820.04	3/4	3,417.57	3/4	4,024.08	3/4	4,630.77
6	67.23	6	343.40	6	729.04	6	1,188.00	6	1,700.54	6	2,252.47	6	2,832.32	6	3,430.13	6	4,036.74	6	4,643.35
1/4	71.58	1/4	350.57	1/4	737.98	1/4	1,198.22	1/4	1,711.70	1/4	2,264.32	1/4	2,844.64	1/4	3,442.72	1/4	4,049.41	1/4	4,655.92
1/2	75.93	1/2	357.73	1/2	746.93	1/2	1,208.44	1/2	1,722.87	1/2	2,276.17	1/2	2,856.95	1/2	3,455.30	1/2	4,062.08	1/2	4,668.49
3/4	80.27	3/4	364.90	3/4	755.87	3/4	1,218.66	3/4	1,734.03	3/4	2,288.02	3/4	2,869.27	3/4	3,467.89	3/4	4,074.75	3/4	4,681.06
7	84.62	7	372.07	7	764.81	7	1,228.89	7	1,745.20	7	2,299.87	7	2,881.58	7	3,480.47	7	4,087.42	7	4,693.63
1/4	89.28	1/4	379.41	1/4	773.88	1/4	1,239.20	1/4	1,756.43	1/4	2,311.76	1/4	2,893.93	1/4	3,493.07	1/4	4,100.08	1/4	4,706.18
1/2	93.95	1/2	386.75	1/2	782.94	1/2	1,249.51	1/2	1,767.66	1/2	2,323.66	1/2	2,906.27	1/2	3,505.67	1/2	4,112.75	1/2	4,718.74
3/4	98.61	3/4	394.09	3/4	792.01	3/4	1,259.82	3/4	1,778.89	3/4	2,335.56	3/4	2,918.62	3/4	3,518.27	3/4	4,125.42	3/4	4,731.29
8	103.27	8	401.43	8	801.08	8	1,270.13	8	1,790.13	8	2,347.45	8	2,930.97	8	3,530.87	8	4,138.08	8	4,743.84
1/4	108.20	1/4	408.95	1/4	810.26	1/4	1,280.53	1/4	1,801.42	1/4	2,359.39	1/4	2,943.34	1/4	3,543.48	1/4	4,150.75	1/4	4,756.38
1/2	113.13	1/2	416.46	1/2	819.45	1/2	1,290.93	1/2	1,812.72	1/2	2,371.34	1/2	2,955.71	1/2	3,556.09	1/2	4,163.41	1/2	4,768.91
3/4	118.06	3/4	423.97	3/4	828.63	3/4	1,301.33	3/4	1,824.01	3/4	2,383.28	3/4	2,968.09	3/4	3,568.70	3/4	4,176.07	3/4	4,781.45
9	122.99	9	431.48	9	837.82	9	1,311.73	9	1,835.31	9	2,395.22	9	2,980.46	9	3,581.31	9	4,188.74	9	4,793.98
1/4	128.17	1/4	439.15	1/4	847.12	1/4	1,322.21	1/4	1,846.67	1/4	2,407.21	1/4	2,992.86	1/4	3,593.93	1/4	4,201.40	1/4	4,806.50
1/2	133.35	1/2	446.83	1/2	856.42	1/2	1,332.70	1/2	1,858.03	1/2	2,419.19	1/2	3,005.26	1/2	3,606.55	1/2	4,214.06	1/2	4,819.01
3/4	138.53	3/4	454.50	3/4	865.72	3/4	1,343.18	3/4	1,869.39	3/4	2,431.18	3/4	3,017.66	3/4	3,619.18	3/4	4,226.72	3/4	4,831.53
10	143.70	10	462.17	10	875.02	10	1,353.67	10	1,880.74	10	2,443.16	10	3,030.06	10	3,631.80	10	4,239.38	10	4,844.04
1/4	149.14	1/4	470.01	1/4	884.43	1/4	1,364.24	1/4	1,892.16	1/4	2,455.19	1/4	3,042.49	1/4	3,644.43	1/4	4,252.03	1/4	4,856.54
1/2	154.58	1/2	477.84	1/2	893.85	1/2	1,374.81	1/2	1,903.58	1/2	2,467.22	1/2	3,054.91	1/2	3,657.06	1/2	4,264.69	1/2	4,869.03
3/4	160.01	3/4	485.67	3/4	903.26	3/4	1,385.38	3/4	1,915.00	3/4	2,479.25	3/4	3,067.34	3/4	3,669.70	3/4	4,277.34	3/4	4,881.53
11	165.45	11	493.50	11	912.68	11	1,395.94	11	1,926.42	11	2,491.28	11	3,079.77	11	3,682.33	11	4,290.00	11	4,894.02
1/4	171.13	1/4	501.49	1/4	922.20	1/4	1,406.59	1/4	1,937.90	1/4	2,503.34	1/4	3,092.22	1/4	3,694.97	1/4	4,302.65	1/4	4,906.50
1/2	176.81	1/2	509.48	1/2	931.72	1/2	1,417.24	1/2	1,949.38	1/2	2,515.41	1/2	3,104.67	1/2	3,707.61	1/2	4,315.30	1/2	4,918.97
3/4	182.49	3/4	517.46	3/4	941.25	3/4	1,427.89	3/4	1,960.86	3/4	2,527.48	3/4	3,117.12	3/4	3,720.25	3/4	4,327.95	3/4	4,931.45

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  
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# BARGE "FMT 2034"

## 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	4,943.92	0	5,533.94	0	6,101.15	0	6,634.95	0	7,122.72	0	7,548.04	0	7,885.83	0	8,074.61	0		0	
1/4	4,956.37	1/4	5,546.01	1/4	6,112.63	1/4	6,645.60	1/4	7,132.24	1/4	7,556.03	1/4	7,891.57	1/4		1/4		1/4	
1/2	4,968.82	1/2	5,558.07	1/2	6,124.11	1/2	6,656.24	1/2	7,141.76	1/2	7,564.01	1/2	7,897.30	1/2		1/2		1/2	
3/4	4,981.27	3/4	5,570.14	3/4	6,135.59	3/4	6,666.89	3/4	7,151.29	3/4	7,572.00	3/4	7,903.03	3/4		3/4		3/4	
1	4,993.72	1	5,582.21	1	6,147.06	1	6,677.54	1	7,160.81	1	7,579.98	1	7,908.76	1		1		1	
1/4	5,006.15	1/4	5,594.24	1/4	6,158.48	1/4	6,688.11	1/4	7,170.23	1/4	7,587.82	1/4	7,914.25	1/4		1/4		1/4	
1/2	5,018.57	1/2	5,606.27	1/2	6,169.90	1/2	6,698.68	1/2	7,179.64	1/2	7,595.65	1/2	7,919.74	1/2		1/2		1/2	
3/4	5,031.00	3/4	5,618.30	3/4	6,181.32	3/4	6,709.25	3/4	7,189.05	3/4	7,603.48	3/4	7,925.23	3/4		3/4		3/4	
2	5,043.43	2	5,630.32	2	6,192.74	2	6,719.82	2	7,198.47	2	7,611.31	2	7,930.72	2		2		2	
1/4	5,055.83	1/4	5,642.31	1/4	6,204.10	1/4	6,730.30	1/4	7,207.77	1/4	7,618.99	1/4	7,935.95	1/4		1/4		1/4	
1/2	5,068.23	1/2	5,654.30	1/2	6,215.46	1/2	6,740.79	1/2	7,217.07	1/2	7,626.66	1/2	7,941.18	1/2		1/2		1/2	
3/4	5,080.63	3/4	5,666.28	3/4	6,226.82	3/4	6,751.27	3/4	7,226.37	3/4	7,634.34	3/4	7,946.41	3/4		3/4		3/4	
3	5,093.03	3	5,678.27	3	6,238.18	3	6,761.76	3	7,235.67	3	7,642.01	3	7,951.64	3		3		3	
1/4	5,105.40	1/4	5,690.21	1/4	6,249.48	1/4	6,772.16	1/4	7,244.86	1/4	7,649.52	1/4	7,956.59	1/4		1/4		1/4	
1/2	5,117.78	1/2	5,702.15	1/2	6,260.77	1/2	6,782.56	1/2	7,254.04	1/2	7,657.03	1/2	7,961.55	1/2		1/2		1/2	
3/4	5,130.15	3/4	5,714.09	3/4	6,272.07	3/4	6,792.96	3/4	7,263.23	3/4	7,664.54	3/4	7,966.50	3/4		3/4		3/4	
4	5,142.52	4	5,726.04	4	6,283.36	4	6,803.36	4	7,272.41	4	7,672.05	4	7,971.46	4		4		4	
1/4	5,154.87	1/4	5,737.93	1/4	6,294.59	1/4	6,813.67	1/4	7,281.48	1/4	7,679.40	1/4	7,976.12	1/4		1/4		1/4	
1/2	5,167.21	1/2	5,749.83	1/2	6,305.83	1/2	6,823.98	1/2	7,290.54	1/2	7,686.74	1/2	7,980.78	1/2		1/2		1/2	
3/4	5,179.56	3/4	5,761.73	3/4	6,317.06	3/4	6,834.29	3/4	7,299.61	3/4	7,694.08	3/4	7,985.45	3/4		3/4		3/4	
5	5,191.90	5	5,773.62	5	6,328.29	5	6,844.60	5	7,308.68	5	7,701.42	5	7,990.11	5		5		5	
1/4	5,204.22	1/4	5,785.47	1/4	6,339.45	1/4	6,854.82	1/4	7,317.62	1/4	7,708.59	1/4	7,994.46	1/4		1/4		1/4	
1/2	5,216.54	1/2	5,797.32	1/2	6,350.62	1/2	6,865.05	1/2	7,326.56	1/2	7,715.75	1/2	7,998.80	1/2		1/2		1/2	
3/4	5,228.85	3/4	5,809.17	3/4	6,361.78	3/4	6,875.27	3/4	7,335.51	3/4	7,722.92	3/4	8,003.15	3/4		3/4		3/4	
6	5,241.17	6	5,821.02	6	6,372.95	6	6,885.49	6	7,344.45	6	7,730.09	6	8,007.50	6		6		6	
1/4	5,253.45	1/4	5,832.82	1/4	6,384.05	1/4	6,895.62	1/4	7,353.27	1/4	7,737.07	1/4	8,011.50	1/4		1/4		1/4	
1/2	5,265.74	1/2	5,844.63	1/2	6,395.14	1/2	6,905.75	1/2	7,362.09	1/2	7,744.06	1/2	8,015.51	1/2		1/2		1/2	
3/4	5,278.02	3/4	5,856.43	3/4	6,406.24	3/4	6,915.88	3/4	7,370.90	3/4	7,751.04	3/4	8,019.51	3/4		3/4		3/4	
7	5,290.30	7	5,868.23	7	6,417.34	7	6,926.01	7	7,379.72	7	7,758.03	7	8,023.52	7		7		7	
1/4	5,302.56	1/4	5,879.98	1/4	6,428.37	1/4	6,936.04	1/4	7,388.41	1/4	7,764.83	1/4	8,027.15	1/4		1/4		1/4	
1/2	5,314.81	1/2	5,891.73	1/2	6,439.39	1/2	6,946.08	1/2	7,397.10	1/2	7,771.62	1/2	8,030.77	1/2		1/2		1/2	
3/4	5,327.06	3/4	5,903.48	3/4	6,450.42	3/4	6,956.11	3/4	7,405.79	3/4	7,778.42	3/4	8,034.40	3/4		3/4		3/4	
8	5,339.31	8	5,915.24	8	6,461.45	8	6,966.14	8	7,414.48	8	7,785.22	8	8,038.03	8		8		8	
1/4	5,351.53	1/4	5,926.94	1/4	6,472.40	1/4	6,976.08	1/4	7,423.03	1/4	7,791.82	1/4	8,041.23	1/4		1/4		1/4	
1/2	5,363.75	1/2	5,938.64	1/2	6,483.36	1/2	6,986.02	1/2	7,431.59	1/2	7,798.42	1/2	8,044.43	1/2		1/2		1/2	
3/4	5,375.97	3/4	5,950.34	3/4	6,494.32	3/4	6,995.96	3/4	7,440.15	3/4	7,805.03	3/4	8,047.63	3/4		3/4		3/4	
9	5,388.19	9	5,962.04	9	6,505.27	9	7,005.89	9	7,448.70	9	7,811.63	9	8,050.84	9		9		9	
1/4	5,400.37	1/4	5,973.69	1/4	6,516.15	1/4	7,015.73	1/4	7,457.12	1/4	7,818.03	1/4	8,053.54	1/4		1/4		1/4	
1/2	5,412.55	1/2	5,985.33	1/2	6,527.04	1/2	7,025.57	1/2	7,465.54	1/2	7,824.43	1/2	8,056.25	1/2		1/2		1/2	
3/4	5,424.73	3/4	5,996.98	3/4	6,537.92	3/4	7,035.41	3/4	7,473.96	3/4	7,830.83	3/4	8,058.96	3/4		3/4		3/4	
10	5,436.92	10	6,008.63	10	6,548.80	10	7,045.25	10	7,482.38	10	7,837.22	10	8,061.66	10		10		10	
1/4	5,449.06	1/4	6,020.22	1/4	6,559.61	1/4	7,054.98	1/4	7,490.66	1/4	7,843.41	1/4	8,063.76	1/4		1/4		1/4	
1/2	5,461.21	1/2	6,031.81	1/2	6,570.41	1/2	7,064.72	1/2	7,498.94	1/2	7,849.60	1/2	8,065.85	1/2		1/2		1/2	
3/4	5,473.36	3/4	6,043.41	3/4	6,581.22	3/4	7,074.46	3/4	7,507.22	3/4	7,855.79	3/4	8,067.94	3/4		3/4		3/4	
11	5,485.50	11	6,055.00	11	6,592.03	11	7,084.19	11	7,515.50	11	7,861.97	11	8,070.03	11		11		11	
1/4	5,497.61	1/4	6,066.54	1/4	6,602.76	1/4	7,093.82	1/4	7,523.64	1/4	7,867.94	1/4	8,071.17	1/4		1/4		1/4	
1/2	5,509.72	1/2	6,078.07	1/2	6,613.49	1/2	7,103.45	1/2	7,531.77	1/2	7,873.90	1/2	8,072.32	1/2		1/2		1/2	
3/4	5,521.83	3/4	6,089.61	3/4	6,624.22	3/4	7,113.09	3/4	7,539.91	3/4	7,879.87	3/4	8,073.46	3/4		3/4		3/4	

STRAPPED: 04/21/2014 CL - SW  
CALCULATED: 04/24/2014 CL  
PRINTED: 04/24/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2014

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 2034"

## 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	188.19	0	525.48	0	950.83	0	1,438.62	0	1,972.43	0	2,539.66	0	3,129.69	0	3,733.03	0	4,340.74
1/4	1.27	1/4	194.10	1/4	533.62	1/4	960.46	1/4	1,449.35	1/4	1,983.97	1/4	2,551.77	1/4	3,142.16	1/4	3,745.68	1/4	4,353.38
1/2	2.41	1/2	200.01	1/2	541.75	1/2	970.09	1/2	1,460.08	1/2	1,995.50	1/2	2,563.87	1/2	3,154.64	1/2	3,758.33	1/2	4,366.03
3/4	3.56	3/4	205.93	3/4	549.89	3/4	979.72	3/4	1,470.81	3/4	2,007.04	3/4	2,575.98	3/4	3,167.11	3/4	3,770.97	3/4	4,378.67
1	4.70	1	211.84	1	558.02	1	989.35	1	1,481.54	1	2,018.58	1	2,588.09	1	3,179.58	1	3,783.62	1	4,391.31
1/4	6.79	1/4	217.98	1/4	566.30	1/4	999.09	1/4	1,492.34	1/4	2,030.17	1/4	2,600.24	1/4	3,192.08	1/4	3,796.28	1/4	4,403.94
1/2	8.88	1/2	224.11	1/2	574.58	1/2	1,008.83	1/2	1,503.15	1/2	2,041.77	1/2	2,612.39	1/2	3,204.58	1/2	3,808.93	1/2	4,416.57
3/4	10.98	3/4	230.25	3/4	582.86	3/4	1,018.56	3/4	1,513.96	3/4	2,053.36	3/4	2,624.53	3/4	3,217.07	3/4	3,821.59	3/4	4,429.21
2	13.07	2	236.39	2	591.14	2	1,028.30	2	1,524.76	2	2,064.95	2	2,636.68	2	3,229.57	2	3,834.25	2	4,441.84
1/4	15.77	1/4	242.76	1/4	599.56	1/4	1,038.14	1/4	1,535.65	1/4	2,076.60	1/4	2,648.86	1/4	3,242.08	1/4	3,846.91	1/4	4,454.46
1/2	18.48	1/2	249.13	1/2	607.98	1/2	1,047.98	1/2	1,546.53	1/2	2,088.25	1/2	2,661.05	1/2	3,254.60	1/2	3,859.57	1/2	4,467.08
3/4	21.19	3/4	255.51	3/4	616.40	3/4	1,057.81	3/4	1,557.41	3/4	2,099.90	3/4	2,673.23	3/4	3,267.12	3/4	3,872.23	3/4	4,479.71
3	23.90	3	261.88	3	624.82	3	1,067.65	3	1,568.29	3	2,111.54	3	2,685.41	3	3,279.63	3	3,884.89	3	4,492.33
1/4	27.10	1/4	268.48	1/4	633.38	1/4	1,077.59	1/4	1,579.25	1/4	2,123.25	1/4	2,697.63	1/4	3,292.17	1/4	3,897.55	1/4	4,504.94
1/2	30.30	1/2	275.08	1/2	641.94	1/2	1,087.53	1/2	1,590.21	1/2	2,134.95	1/2	2,709.85	1/2	3,304.70	1/2	3,910.22	1/2	4,517.55
3/4	33.50	3/4	281.69	3/4	650.49	3/4	1,097.47	3/4	1,601.16	3/4	2,146.65	3/4	2,722.07	3/4	3,317.24	3/4	3,922.88	3/4	4,530.16
4	36.70	4	288.29	4	659.05	4	1,107.40	4	1,612.12	4	2,158.35	4	2,734.29	4	3,329.77	4	3,935.55	4	4,542.77
1/4	40.33	1/4	295.09	1/4	667.74	1/4	1,117.44	1/4	1,623.15	1/4	2,170.10	1/4	2,746.54	1/4	3,342.32	1/4	3,948.21	1/4	4,555.37
1/2	43.96	1/2	301.89	1/2	676.43	1/2	1,127.47	1/2	1,634.17	1/2	2,181.85	1/2	2,758.79	1/2	3,354.88	1/2	3,960.88	1/2	4,567.97
3/4	47.59	3/4	308.68	3/4	685.12	3/4	1,137.51	3/4	1,645.20	3/4	2,193.60	3/4	2,771.04	3/4	3,367.43	3/4	3,973.55	3/4	4,580.57
5	51.21	5	315.48	5	693.81	5	1,147.54	5	1,656.23	5	2,205.36	5	2,783.30	5	3,379.98	5	3,986.21	5	4,593.17
1/4	55.22	1/4	322.47	1/4	702.63	1/4	1,157.67	1/4	1,667.33	1/4	2,217.16	1/4	2,795.58	1/4	3,392.55	1/4	3,998.88	1/4	4,605.75
1/2	59.23	1/2	329.45	1/2	711.45	1/2	1,167.80	1/2	1,678.42	1/2	2,228.96	1/2	2,807.87	1/2	3,405.12	1/2	4,011.55	1/2	4,618.34
3/4	63.23	3/4	336.44	3/4	720.26	3/4	1,177.93	3/4	1,689.52	3/4	2,240.76	3/4	2,820.15	3/4	3,417.69	3/4	4,024.22	3/4	4,630.92
6	67.24	6	343.43	6	729.08	6	1,188.06	6	1,700.62	6	2,252.56	6	2,832.43	6	3,430.26	6	4,036.88	6	4,643.51
1/4	71.58	1/4	350.59	1/4	738.03	1/4	1,198.29	1/4	1,711.79	1/4	2,264.41	1/4	2,844.75	1/4	3,442.85	1/4	4,049.55	1/4	4,656.08
1/2	75.93	1/2	357.76	1/2	746.97	1/2	1,208.51	1/2	1,722.95	1/2	2,276.26	1/2	2,857.07	1/2	3,455.43	1/2	4,062.22	1/2	4,668.65
3/4	80.28	3/4	364.93	3/4	755.91	3/4	1,218.73	3/4	1,734.12	3/4	2,288.11	3/4	2,869.38	3/4	3,468.02	3/4	4,074.89	3/4	4,681.22
7	84.63	7	372.09	7	764.86	7	1,228.95	7	1,745.28	7	2,299.97	7	2,881.70	7	3,480.60	7	4,087.56	7	4,693.79
1/4	89.29	1/4	379.44	1/4	773.93	1/4	1,239.26	1/4	1,756.51	1/4	2,311.86	1/4	2,894.04	1/4	3,493.20	1/4	4,100.22	1/4	4,706.34
1/2	93.95	1/2	386.78	1/2	782.99	1/2	1,249.57	1/2	1,767.75	1/2	2,323.76	1/2	2,906.39	1/2	3,505.80	1/2	4,112.89	1/2	4,718.89
3/4	98.62	3/4	394.12	3/4	792.06	3/4	1,259.89	3/4	1,778.98	3/4	2,335.66	3/4	2,918.73	3/4	3,518.40	3/4	4,125.56	3/4	4,731.44
8	103.28	8	401.46	8	801.12	8	1,270.20	8	1,790.21	8	2,347.55	8	2,931.08	8	3,530.99	8	4,138.22	8	4,744.00
1/4	108.21	1/4	408.97	1/4	810.31	1/4	1,280.60	1/4	1,801.51	1/4	2,359.50	1/4	2,943.45	1/4	3,543.61	1/4	4,150.89	1/4	4,756.53
1/2	113.14	1/2	416.48	1/2	819.49	1/2	1,291.00	1/2	1,812.80	1/2	2,371.44	1/2	2,955.83	1/2	3,556.22	1/2	4,163.55	1/2	4,769.07
3/4	118.07	3/4	424.00	3/4	828.68	3/4	1,301.40	3/4	1,824.10	3/4	2,383.38	3/4	2,968.20	3/4	3,568.83	3/4	4,176.22	3/4	4,781.60
9	123.00	9	431.51	9	837.87	9	1,311.80	9	1,835.40	9	2,395.32	9	2,980.58	9	3,581.44	9	4,188.88	9	4,794.14
1/4	128.18	1/4	439.18	1/4	847.17	1/4	1,322.28	1/4	1,846.75	1/4	2,407.31	1/4	2,992.98	1/4	3,594.06	1/4	4,201.54	1/4	4,806.65
1/2	133.36	1/2	446.86	1/2	856.47	1/2	1,332.77	1/2	1,858.11	1/2	2,419.29	1/2	3,005.38	1/2	3,606.68	1/2	4,214.20	1/2	4,819.17
3/4	138.54	3/4	454.53	3/4	865.77	3/4	1,343.25	3/4	1,869.47	3/4	2,431.28	3/4	3,017.78	3/4	3,619.31	3/4	4,226.86	3/4	4,831.69
10	143.71	10	462.20	10	875.07	10	1,353.74	10	1,880.83	10	2,443.27	10	3,030.18	10	3,631.93	10	4,239.52	10	4,844.20
1/4	149.15	1/4	470.04	1/4	884.48	1/4	1,364.31	1/4	1,892.25	1/4	2,455.30	1/4	3,042.61	1/4	3,644.56	1/4	4,252.18	1/4	4,856.70
1/2	154.59	1/2	477.87	1/2	893.90	1/2	1,374.88	1/2	1,903.67	1/2	2,467.32	1/2	3,055.03	1/2	3,657.20	1/2	4,264.83	1/2	4,869.19
3/4	160.02	3/4	485.70	3/4	903.31	3/4	1,385.45	3/4	1,915.09	3/4	2,479.35	3/4	3,067.46	3/4	3,669.83	3/4	4,277.49	3/4	4,881.69
11	165.46	11	493.54	11	912.73	11	1,396.01	11	1,926.51	11	2,491.38	11	3,079.89	11	3,682.46	11	4,290.15	11	4,894.18
1/4	171.14	1/4	501.52	1/4	922.25	1/4	1,406.67	1/4	1,937.99	1/4	2,503.45	1/4	3,092.34	1/4	3,695.10	1/4	4,302.79	1/4	4,906.66
1/2	176.82	1/2	509.51	1/2	931.78	1/2	1,417.32	1/2	1,949.47	1/2	2,515.52	1/2	3,104.79	1/2	3,707.74	1/2	4,315.44	1/2	4,919.13
3/4	182.51	3/4	517.50	3/4	941.30	3/4	1,427.97	3/4	1,960.95	3/4	2,527.59	3/4	3,117.24	3/4	3,720.39	3/4	4,328.09	3/4	4,931.61

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 2034"

## 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	4,944.08	0	5,534.11	0	6,101.34	0	6,635.15	0	7,122.94	0	7,548.29	0	7,886.10	0	8,074.89	0		0	
1/4	4,956.53	1/4	5,546.18	1/4	6,112.82	1/4	6,645.80	1/4	7,132.47	1/4	7,556.27	1/4	7,891.83	1/4		1/4		1/4	
1/2	4,968.98	1/2	5,558.25	1/2	6,124.30	1/2	6,656.45	1/2	7,141.99	1/2	7,564.26	1/2	7,897.56	1/2		1/2		1/2	
3/4	4,981.43	3/4	5,570.32	3/4	6,135.78	3/4	6,667.10	3/4	7,151.52	3/4	7,572.25	3/4	7,903.30	3/4		3/4		3/4	
1	4,993.88	1	5,582.39	1	6,147.26	1	6,677.75	1	7,161.04	1	7,580.23	1	7,909.03	1		1		1	
1/4	5,006.31	1/4	5,594.42	1/4	6,158.68	1/4	6,688.32	1/4	7,170.46	1/4	7,588.07	1/4	7,914.52	1/4		1/4		1/4	
1/2	5,018.74	1/2	5,606.45	1/2	6,170.10	1/2	6,698.89	1/2	7,179.87	1/2	7,595.90	1/2	7,920.01	1/2		1/2		1/2	
3/4	5,031.16	3/4	5,618.47	3/4	6,181.52	3/4	6,709.46	3/4	7,189.28	3/4	7,603.73	3/4	7,925.50	3/4		3/4		3/4	
2	5,043.59	2	5,630.50	2	6,192.94	2	6,720.03	2	7,198.70	2	7,611.56	2	7,930.99	2		2		2	
1/4	5,055.99	1/4	5,642.49	1/4	6,204.30	1/4	6,730.52	1/4	7,208.00	1/4	7,619.24	1/4	7,936.22	1/4		1/4		1/4	
1/2	5,068.39	1/2	5,654.47	1/2	6,215.66	1/2	6,741.00	1/2	7,217.30	1/2	7,626.91	1/2	7,941.45	1/2		1/2		1/2	
3/4	5,080.79	3/4	5,666.46	3/4	6,227.01	3/4	6,751.49	3/4	7,226.60	3/4	7,634.59	3/4	7,946.68	3/4		3/4		3/4	
3	5,093.19	3	5,678.45	3	6,238.37	3	6,761.97	3	7,235.90	3	7,642.26	3	7,951.91	3		3		3	
1/4	5,105.57	1/4	5,690.39	1/4	6,249.67	1/4	6,772.37	1/4	7,245.09	1/4	7,649.77	1/4	7,956.86	1/4		1/4		1/4	
1/2	5,117.94	1/2	5,702.33	1/2	6,260.97	1/2	6,782.77	1/2	7,254.27	1/2	7,657.29	1/2	7,961.82	1/2		1/2		1/2	
3/4	5,130.31	3/4	5,714.27	3/4	6,272.26	3/4	6,793.17	3/4	7,263.46	3/4	7,664.80	3/4	7,966.77	3/4		3/4		3/4	
4	5,142.69	4	5,726.22	4	6,283.56	4	6,803.57	4	7,272.65	4	7,672.31	4	7,971.73	4		4		4	
1/4	5,155.03	1/4	5,738.11	1/4	6,294.79	1/4	6,813.88	1/4	7,281.71	1/4	7,679.65	1/4	7,976.39	1/4		1/4		1/4	
1/2	5,167.38	1/2	5,750.01	1/2	6,306.02	1/2	6,824.19	1/2	7,290.78	1/2	7,686.99	1/2	7,981.06	1/2		1/2		1/2	
3/4	5,179.73	3/4	5,761.91	3/4	6,317.25	3/4	6,834.51	3/4	7,299.84	3/4	7,694.33	3/4	7,985.72	3/4		3/4		3/4	
5	5,192.07	5	5,773.80	5	6,328.49	5	6,844.82	5	7,308.91	5	7,701.68	5	7,990.38	5		5		5	
1/4	5,204.39	1/4	5,785.65	1/4	6,339.65	1/4	6,855.04	1/4	7,317.85	1/4	7,708.84	1/4	7,994.73	1/4		1/4		1/4	
1/2	5,216.70	1/2	5,797.50	1/2	6,350.82	1/2	6,865.26	1/2	7,326.80	1/2	7,716.01	1/2	7,999.08	1/2		1/2		1/2	
3/4	5,229.02	3/4	5,809.35	3/4	6,361.98	3/4	6,875.48	3/4	7,335.74	3/4	7,723.18	3/4	8,003.43	3/4		3/4		3/4	
6	5,241.33	6	5,821.21	6	6,373.15	6	6,885.71	6	7,344.69	6	7,730.34	6	8,007.77	6		6		6	
1/4	5,253.62	1/4	5,833.01	1/4	6,384.25	1/4	6,895.84	1/4	7,353.50	1/4	7,737.33	1/4	8,011.78	1/4		1/4		1/4	
1/2	5,265.90	1/2	5,844.81	1/2	6,395.34	1/2	6,905.97	1/2	7,362.32	1/2	7,744.32	1/2	8,015.79	1/2		1/2		1/2	
3/4	5,278.19	3/4	5,856.61	3/4	6,406.44	3/4	6,916.10	3/4	7,371.14	3/4	7,751.30	3/4	8,019.79	3/4		3/4		3/4	
7	5,290.47	7	5,868.41	7	6,417.54	7	6,926.22	7	7,379.96	7	7,758.29	7	8,023.80	7		7		7	
1/4	5,302.73	1/4	5,880.17	1/4	6,428.57	1/4	6,936.26	1/4	7,388.65	1/4	7,765.09	1/4	8,027.42	1/4		1/4		1/4	
1/2	5,314.98	1/2	5,891.92	1/2	6,439.60	1/2	6,946.29	1/2	7,397.34	1/2	7,771.88	1/2	8,031.05	1/2		1/2		1/2	
3/4	5,327.23	3/4	5,903.67	3/4	6,450.62	3/4	6,956.33	3/4	7,406.03	3/4	7,778.68	3/4	8,034.68	3/4		3/4		3/4	
8	5,339.48	8	5,915.42	8	6,461.65	8	6,966.36	8	7,414.72	8	7,785.48	8	8,038.31	8		8		8	
1/4	5,351.70	1/4	5,927.12	1/4	6,472.61	1/4	6,976.30	1/4	7,423.27	1/4	7,792.08	1/4	8,041.51	1/4		1/4		1/4	
1/2	5,363.92	1/2	5,938.82	1/2	6,483.56	1/2	6,986.24	1/2	7,431.83	1/2	7,798.68	1/2	8,044.71	1/2		1/2		1/2	
3/4	5,376.14	3/4	5,950.52	3/4	6,494.52	3/4	6,996.18	3/4	7,440.39	3/4	7,805.29	3/4	8,047.91	3/4		3/4		3/4	
9	5,388.36	9	5,962.22	9	6,505.48	9	7,006.12	9	7,448.94	9	7,811.89	9	8,051.12	9		9		9	
1/4	5,400.54	1/4	5,973.87	1/4	6,516.36	1/4	7,015.96	1/4	7,457.37	1/4	7,818.29	1/4	8,053.82	1/4		1/4		1/4	
1/2	5,412.72	1/2	5,985.52	1/2	6,527.24	1/2	7,025.79	1/2	7,465.79	1/2	7,824.69	1/2	8,056.53	1/2		1/2		1/2	
3/4	5,424.91	3/4	5,997.17	3/4	6,538.12	3/4	7,035.63	3/4	7,474.21	3/4	7,831.09	3/4	8,059.24	3/4		3/4		3/4	
10	5,437.09	10	6,008.82	10	6,549.01	10	7,045.47	10	7,482.63	10	7,837.49	10	8,061.94	10		10		10	
1/4	5,449.24	1/4	6,020.41	1/4	6,559.81	1/4	7,055.21	1/4	7,490.91	1/4	7,843.67	1/4	8,064.03	1/4		1/4		1/4	
1/2	5,461.38	1/2	6,032.00	1/2	6,570.62	1/2	7,064.94	1/2	7,499.19	1/2	7,849.86	1/2	8,066.13	1/2		1/2		1/2	
3/4	5,473.53	3/4	6,043.60	3/4	6,581.43	3/4	7,074.68	3/4	7,507.47	3/4	7,856.05	3/4	8,068.22	3/4		3/4		3/4	
11	5,485.68	11	6,055.19	11	6,592.23	11	7,084.42	11	7,515.75	11	7,862.24	11	8,070.31	11		11		11	
1/4	5,497.79	1/4	6,066.73	1/4	6,602.96	1/4	7,094.05	1/4	7,523.88	1/4	7,868.20	1/4	8,071.45	1/4		1/4		1/4	
1/2	5,509.89	1/2	6,078.26	1/2	6,613.69	1/2	7,103.68	1/2	7,532.02	1/2	7,874.17	1/2	8,072.60	1/2		1/2		1/2	
3/4	5,522.00	3/4	6,089.80	3/4	6,624.42	3/4	7,113.31	3/4	7,540.15	3/4	7,880.13	3/4	8,073.74	3/4		3/4		3/4	

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CALCULATED: 04/24/2014 CL  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2014

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
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