



# BARGE "FMT 2042"

## 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	187.89	0	524.67	0	949.37	0	1,436.43	0	1,969.45	0	2,535.83	0	3,124.99	0	3,727.44	0	4,334.26
1/4	1.27	1/4	193.80	1/4	532.79	1/4	958.99	1/4	1,447.14	1/4	1,980.97	1/4	2,547.92	1/4	3,137.45	1/4	3,790.07	1/4	4,346.88
1/2	2.41	1/2	199.70	1/2	540.92	1/2	968.60	1/2	1,457.85	1/2	1,992.49	1/2	2,560.01	1/2	3,149.90	1/2	3,752.70	1/2	4,359.50
3/4	3.55	3/4	205.61	3/4	549.04	3/4	978.22	3/4	1,468.57	3/4	2,004.01	3/4	2,572.10	3/4	3,162.36	3/4	3,765.33	3/4	4,372.13
1	4.69	1	211.51	1	557.16	1	987.84	1	1,479.28	1	2,015.53	1	2,584.20	1	3,174.81	1	3,777.96	1	4,384.75
1/4	6.78	1/4	217.64	1/4	565.43	1/4	997.56	1/4	1,490.07	1/4	2,027.10	1/4	2,596.32	1/4	3,187.29	1/4	3,790.60	1/4	4,397.36
1/2	8.87	1/2	223.76	1/2	573.70	1/2	1,007.28	1/2	1,500.86	1/2	2,038.68	1/2	2,608.45	1/2	3,199.77	1/2	3,803.24	1/2	4,409.98
3/4	10.96	3/4	229.89	3/4	581.96	3/4	1,017.00	3/4	1,511.66	3/4	2,050.26	3/4	2,620.58	3/4	3,212.25	3/4	3,815.87	3/4	4,422.59
2	13.05	2	236.02	2	590.23	2	1,026.73	2	1,522.45	2	2,061.83	2	2,632.71	2	3,224.72	2	3,828.51	2	4,435.21
1/4	15.75	1/4	242.38	1/4	598.64	1/4	1,036.55	1/4	1,533.31	1/4	2,073.46	1/4	2,644.88	1/4	3,237.22	1/4	3,841.15	1/4	4,447.81
1/2	18.45	1/2	248.74	1/2	607.05	1/2	1,046.37	1/2	1,544.18	1/2	2,085.09	1/2	2,657.04	1/2	3,249.72	1/2	3,853.79	1/2	4,460.41
3/4	21.15	3/4	255.11	3/4	615.45	3/4	1,056.20	3/4	1,555.05	3/4	2,096.72	3/4	2,669.21	3/4	3,262.21	3/4	3,866.43	3/4	4,473.02
3	23.86	3	261.47	3	623.86	3	1,066.02	3	1,565.91	3	2,108.35	3	2,681.37	3	3,274.71	3	3,879.08	3	4,485.62
1/4	27.05	1/4	268.06	1/4	632.40	1/4	1,075.94	1/4	1,576.85	1/4	2,120.04	1/4	2,693.57	1/4	3,287.23	1/4	3,891.72	1/4	4,498.21
1/2	30.25	1/2	274.65	1/2	640.95	1/2	1,085.87	1/2	1,587.79	1/2	2,131.72	1/2	2,705.77	1/2	3,299.75	1/2	3,904.37	1/2	4,510.81
3/4	33.45	3/4	281.25	3/4	649.49	3/4	1,095.79	3/4	1,598.73	3/4	2,143.40	3/4	2,717.97	3/4	3,312.26	3/4	3,917.01	3/4	4,523.40
4	36.65	4	287.84	4	658.04	4	1,105.71	4	1,609.67	4	2,155.09	4	2,730.17	4	3,324.78	4	3,929.66	4	4,535.99
1/4	40.27	1/4	294.63	1/4	666.71	1/4	1,115.73	1/4	1,620.68	1/4	2,166.82	1/4	2,742.41	1/4	3,337.31	1/4	3,942.31	1/4	4,548.57
1/2	43.89	1/2	301.41	1/2	675.39	1/2	1,125.75	1/2	1,631.69	1/2	2,178.56	1/2	2,754.64	1/2	3,349.85	1/2	3,954.95	1/2	4,561.15
3/4	47.51	3/4	308.20	3/4	684.06	3/4	1,135.77	3/4	1,642.70	3/4	2,190.29	3/4	2,766.88	3/4	3,362.38	3/4	3,967.60	3/4	4,573.73
5	51.13	5	314.99	5	692.74	5	1,145.79	5	1,653.72	5	2,202.03	5	2,779.11	5	3,374.92	5	3,980.25	5	4,586.31
1/4	55.13	1/4	321.97	1/4	701.55	1/4	1,155.91	1/4	1,664.80	1/4	2,213.81	1/4	2,791.38	1/4	3,387.47	1/4	3,992.90	1/4	4,598.88
1/2	59.13	1/2	328.94	1/2	710.35	1/2	1,166.02	1/2	1,675.88	1/2	2,225.60	1/2	2,803.64	1/2	3,400.02	1/2	4,005.55	1/2	4,611.44
3/4	63.13	3/4	335.92	3/4	719.16	3/4	1,176.14	3/4	1,686.96	3/4	2,237.38	3/4	2,815.91	3/4	3,412.57	3/4	4,018.20	3/4	4,624.01
6	67.13	6	342.89	6	727.96	6	1,186.25	6	1,698.04	6	2,249.16	6	2,828.18	6	3,425.12	6	4,030.85	6	4,636.58
1/4	71.47	1/4	350.05	1/4	736.89	1/4	1,196.46	1/4	1,709.19	1/4	2,261.00	1/4	2,840.47	1/4	3,437.69	1/4	4,043.50	1/4	4,649.13
1/2	75.81	1/2	357.20	1/2	745.82	1/2	1,206.66	1/2	1,720.34	1/2	2,272.83	1/2	2,852.77	1/2	3,450.25	1/2	4,056.15	1/2	4,661.68
3/4	80.15	3/4	364.36	3/4	754.75	3/4	1,216.87	3/4	1,731.49	3/4	2,284.66	3/4	2,865.07	3/4	3,462.82	3/4	4,068.80	3/4	4,674.23
7	84.49	7	371.52	7	763.68	7	1,227.08	7	1,742.64	7	2,296.50	7	2,877.37	7	3,475.38	7	4,081.45	7	4,686.78
1/4	89.15	1/4	378.85	1/4	772.74	1/4	1,237.37	1/4	1,753.85	1/4	2,308.37	1/4	2,889.69	1/4	3,487.96	1/4	4,094.09	1/4	4,699.32
1/2	93.81	1/2	386.18	1/2	781.79	1/2	1,247.67	1/2	1,765.07	1/2	2,320.25	1/2	2,902.02	1/2	3,500.54	1/2	4,106.74	1/2	4,711.85
3/4	98.46	3/4	393.51	3/4	790.84	3/4	1,257.97	3/4	1,776.28	3/4	2,332.13	3/4	2,914.35	3/4	3,513.12	3/4	4,119.39	3/4	4,724.38
8	103.12	8	400.84	8	799.89	8	1,268.26	8	1,787.50	8	2,344.01	8	2,926.68	8	3,525.70	8	4,132.04	8	4,736.92
1/4	108.04	1/4	408.34	1/4	809.06	1/4	1,278.65	1/4	1,798.78	1/4	2,355.94	1/4	2,939.03	1/4	3,538.30	1/4	4,144.68	1/4	4,749.43
1/2	112.96	1/2	415.84	1/2	818.24	1/2	1,289.03	1/2	1,810.06	1/2	2,367.86	1/2	2,951.39	1/2	3,550.89	1/2	4,157.33	1/2	4,761.95
3/4	117.89	3/4	423.34	3/4	827.41	3/4	1,299.41	3/4	1,821.34	3/4	2,379.79	3/4	2,963.74	3/4	3,563.48	3/4	4,169.98	3/4	4,774.47
9	122.81	9	430.84	9	836.58	9	1,309.80	9	1,832.62	9	2,391.71	9	2,976.10	9	3,576.08	9	4,182.62	9	4,786.98
1/4	127.98	1/4	438.50	1/4	845.87	1/4	1,320.27	1/4	1,843.96	1/4	2,403.68	1/4	2,988.48	1/4	3,588.68	1/4	4,195.26	1/4	4,799.48
1/2	133.15	1/2	446.16	1/2	855.15	1/2	1,330.74	1/2	1,855.30	1/2	2,415.65	1/2	3,000.86	1/2	3,601.28	1/2	4,207.90	1/2	4,811.98
3/4	138.32	3/4	453.83	3/4	864.44	3/4	1,341.21	3/4	1,866.64	3/4	2,427.62	3/4	3,013.25	3/4	3,613.89	3/4	4,220.55	3/4	4,824.48
10	143.49	10	461.49	10	873.73	10	1,351.68	10	1,877.98	10	2,439.58	10	3,025.63	10	3,626.49	10	4,233.19	10	4,836.98
1/4	148.92	1/4	469.31	1/4	883.13	1/4	1,362.23	1/4	1,889.39	1/4	2,451.59	1/4	3,038.04	1/4	3,639.11	1/4	4,245.83	1/4	4,849.45
1/2	154.35	1/2	477.13	1/2	892.53	1/2	1,372.78	1/2	1,900.79	1/2	2,463.61	1/2	3,050.45	1/2	3,651.72	1/2	4,258.46	1/2	4,861.93
3/4	159.77	3/4	484.95	3/4	901.93	3/4	1,383.34	3/4	1,912.19	3/4	2,475.62	3/4	3,062.85	3/4	3,664.33	3/4	4,271.10	3/4	4,874.41
11	165.20	11	492.77	11	911.33	11	1,393.89	11	1,923.60	11	2,487.63	11	3,075.26	11	3,676.95	11	4,283.74	11	4,886.88
1/4	170.87	1/4	500.75	1/4	920.84	1/4	1,404.52	1/4	1,935.06	1/4	2,499.68	1/4	3,087.69	1/4	3,689.57	1/4	4,296.37	1/4	4,899.34
1/2	176.55	1/2	508.72	1/2	930.35	1/2	1,415.16	1/2	1,946.52	1/2	2,511.73	1/2	3,100.13	1/2	3,702.19	1/2	4,309.00	1/2	4,911.79
3/4	182.22	3/4	516.70	3/4	939.86	3/4	1,425.79	3/4	1,957.98	3/4	2,523.78	3/4	3,112.56	3/4	3,714.82	3/4	4,321.63	3/4	4,924.25

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  
& ANALYSIS, INC.

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



# BARGE "FMT 2042"

## 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	4,936.71	0	5,525.87	0	6,092.25	0	6,625.27	0	7,112.33	0	7,537.03	0	7,874.32	0	8,062.81	0		0	
1/4	4,949.14	1/4	5,537.92	1/4	6,103.71	1/4	6,635.90	1/4	7,121.84	1/4	7,545.00	1/4	7,880.05	1/4		1/4		1/4	
1/2	4,961.57	1/2	5,549.97	1/2	6,115.18	1/2	6,646.54	1/2	7,131.35	1/2	7,552.98	1/2	7,885.77	1/2		1/2		1/2	
3/4	4,974.00	3/4	5,562.02	3/4	6,126.64	3/4	6,657.17	3/4	7,140.86	3/4	7,560.95	3/4	7,891.49	3/4		3/4		3/4	
1	4,986.44	1	5,574.07	1	6,138.10	1	6,667.81	1	7,150.37	1	7,568.93	1	7,897.22	1		1		1	
1/4	4,998.84	1/4	5,586.08	1/4	6,149.50	1/4	6,678.36	1/4	7,159.77	1/4	7,576.75	1/4	7,902.70	1/4		1/4		1/4	
1/2	5,011.25	1/2	5,598.09	1/2	6,160.91	1/2	6,688.91	1/2	7,169.17	1/2	7,584.57	1/2	7,908.18	1/2		1/2		1/2	
3/4	5,023.66	3/4	5,610.10	3/4	6,172.31	3/4	6,699.47	3/4	7,178.57	3/4	7,592.39	3/4	7,913.66	3/4		3/4		3/4	
2	5,036.07	2	5,622.11	2	6,183.71	2	6,710.02	2	7,187.97	2	7,600.21	2	7,919.14	2		2		2	
1/4	5,048.45	1/4	5,634.08	1/4	6,195.06	1/4	6,720.49	1/4	7,197.26	1/4	7,607.87	1/4	7,924.36	1/4		1/4		1/4	
1/2	5,060.83	1/2	5,646.05	1/2	6,206.40	1/2	6,730.96	1/2	7,206.54	1/2	7,615.53	1/2	7,929.58	1/2		1/2		1/2	
3/4	5,073.22	3/4	5,658.02	3/4	6,217.74	3/4	6,741.43	3/4	7,215.83	3/4	7,623.20	3/4	7,934.81	3/4		3/4		3/4	
3	5,085.60	3	5,669.99	3	6,229.08	3	6,751.90	3	7,225.12	3	7,630.86	3	7,940.03	3		3		3	
1/4	5,097.95	1/4	5,681.91	1/4	6,240.36	1/4	6,762.28	1/4	7,234.29	1/4	7,638.36	1/4	7,944.98	1/4		1/4		1/4	
1/2	5,110.31	1/2	5,693.84	1/2	6,251.64	1/2	6,772.67	1/2	7,243.46	1/2	7,645.86	1/2	7,949.92	1/2		1/2		1/2	
3/4	5,122.67	3/4	5,705.76	3/4	6,262.92	3/4	6,783.05	3/4	7,252.63	3/4	7,653.36	3/4	7,954.87	3/4		3/4		3/4	
4	5,135.02	4	5,717.69	4	6,274.20	4	6,793.44	4	7,261.80	4	7,660.86	4	7,959.82	4		4		4	
1/4	5,147.35	1/4	5,729.56	1/4	6,285.42	1/4	6,803.73	1/4	7,270.86	1/4	7,668.19	1/4	7,964.48	1/4		1/4		1/4	
1/2	5,159.68	1/2	5,741.44	1/2	6,296.63	1/2	6,814.03	1/2	7,279.91	1/2	7,675.52	1/2	7,969.13	1/2		1/2		1/2	
3/4	5,172.00	3/4	5,753.32	3/4	6,307.85	3/4	6,824.32	3/4	7,288.96	3/4	7,682.85	3/4	7,973.79	3/4		3/4		3/4	
5	5,184.33	5	5,765.20	5	6,319.06	5	6,834.62	5	7,298.01	5	7,690.18	5	7,978.44	5		5		5	
1/4	5,196.63	1/4	5,777.03	1/4	6,330.21	1/4	6,844.83	1/4	7,306.94	1/4	7,697.34	1/4	7,982.78	1/4		1/4		1/4	
1/2	5,208.93	1/2	5,788.87	1/2	6,341.36	1/2	6,855.03	1/2	7,315.88	1/2	7,704.49	1/2	7,987.13	1/2		1/2		1/2	
3/4	5,221.22	3/4	5,800.70	3/4	6,352.51	3/4	6,865.24	3/4	7,324.81	3/4	7,711.65	3/4	7,991.47	3/4		3/4		3/4	
6	5,233.52	6	5,812.53	6	6,363.66	6	6,875.45	6	7,333.74	6	7,718.81	6	7,995.81	6		6		6	
1/4	5,245.79	1/4	5,824.32	1/4	6,374.74	1/4	6,885.56	1/4	7,342.54	1/4	7,725.78	1/4	7,999.81	1/4		1/4		1/4	
1/2	5,258.05	1/2	5,836.10	1/2	6,385.82	1/2	6,895.68	1/2	7,351.35	1/2	7,732.76	1/2	8,003.81	1/2		1/2		1/2	
3/4	5,270.32	3/4	5,847.89	3/4	6,396.90	3/4	6,905.79	3/4	7,360.15	3/4	7,739.73	3/4	8,007.81	3/4		3/4		3/4	
7	5,282.59	7	5,859.67	7	6,407.98	7	6,915.91	7	7,368.96	7	7,746.71	7	8,011.80	7		7		7	
1/4	5,294.82	1/4	5,871.41	1/4	6,418.99	1/4	6,925.93	1/4	7,377.63	1/4	7,753.50	1/4	8,015.43	1/4		1/4		1/4	
1/2	5,307.06	1/2	5,883.14	1/2	6,430.00	1/2	6,935.95	1/2	7,386.31	1/2	7,760.28	1/2	8,019.05	1/2		1/2		1/2	
3/4	5,319.29	3/4	5,894.88	3/4	6,441.02	3/4	6,945.97	3/4	7,394.99	3/4	7,767.07	3/4	8,022.67	3/4		3/4		3/4	
8	5,331.52	8	5,906.61	8	6,452.03	8	6,955.99	8	7,403.66	8	7,773.86	8	8,026.29	8		8		8	
1/4	5,343.72	1/4	5,918.29	1/4	6,462.97	1/4	6,965.91	1/4	7,412.21	1/4	7,780.45	1/4	8,029.49	1/4		1/4		1/4	
1/2	5,355.93	1/2	5,929.98	1/2	6,473.91	1/2	6,975.83	1/2	7,420.75	1/2	7,787.04	1/2	8,032.69	1/2		1/2		1/2	
3/4	5,368.13	3/4	5,941.66	3/4	6,484.85	3/4	6,985.75	3/4	7,429.29	3/4	7,793.64	3/4	8,035.88	3/4		3/4		3/4	
9	5,380.33	9	5,953.34	9	6,495.79	9	6,995.68	9	7,437.84	9	7,800.23	9	8,039.08	9		9		9	
1/4	5,392.49	1/4	5,964.97	1/4	6,506.65	1/4	7,005.50	1/4	7,446.24	1/4	7,806.62	1/4	8,041.78	1/4		1/4		1/4	
1/2	5,404.66	1/2	5,976.60	1/2	6,517.52	1/2	7,015.32	1/2	7,454.65	1/2	7,813.01	1/2	8,044.49	1/2		1/2		1/2	
3/4	5,416.82	3/4	5,988.24	3/4	6,528.38	3/4	7,025.15	3/4	7,463.06	3/4	7,819.40	3/4	8,047.19	3/4		3/4		3/4	
10	5,428.99	10	5,999.87	10	6,539.25	10	7,034.97	10	7,471.47	10	7,825.79	10	8,049.89	10		10		10	
1/4	5,441.12	1/4	6,011.44	1/4	6,550.04	1/4	7,044.69	1/4	7,479.73	1/4	7,831.96	1/4	8,051.98	1/4		1/4		1/4	
1/2	5,453.24	1/2	6,023.02	1/2	6,560.83	1/2	7,054.42	1/2	7,488.00	1/2	7,838.14	1/2	8,054.07	1/2		1/2		1/2	
3/4	5,465.37	3/4	6,034.59	3/4	6,571.62	3/4	7,064.14	3/4	7,496.27	3/4	7,844.32	3/4	8,056.16	3/4		3/4		3/4	
11	5,477.50	11	6,046.17	11	6,582.42	11	7,073.86	11	7,504.54	11	7,850.50	11	8,058.25	11		11		11	
1/4	5,489.59	1/4	6,057.69	1/4	6,593.13	1/4	7,083.48	1/4	7,512.66	1/4	7,856.45	1/4	8,059.39	1/4		1/4		1/4	
1/2	5,501.68	1/2	6,069.21	1/2	6,603.84	1/2	7,093.09	1/2	7,520.78	1/2	7,862.41	1/2	8,060.53	1/2		1/2		1/2	
3/4	5,513.77	3/4	6,080.73	3/4	6,614.56	3/4	7,102.71	3/4	7,528.90	3/4	7,868.37	3/4	8,061.67	3/4		3/4		3/4	

STRAPPED: 04/14/2014 SW  
CALCULATED: 04/15/2014 CL  
PRINTED: 04/15/2014 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 2042"

## 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	187.88	0	524.67	0	949.44	0	1,436.60	0	1,969.76	0	2,536.32	0	3,125.67	0	3,728.32	0	4,335.34
1/4	1.27	1/4	193.78	1/4	532.80	1/4	959.06	1/4	1,447.32	1/4	1,981.29	1/4	2,548.41	1/4	3,138.13	1/4	3,791.50	1/4	4,347.97
1/2	2.41	1/2	199.69	1/2	540.92	1/2	968.68	1/2	1,458.04	1/2	1,992.81	1/2	2,560.51	1/2	3,150.59	1/2	3,753.59	1/2	4,360.60
3/4	3.55	3/4	205.59	3/4	549.05	3/4	978.30	3/4	1,468.75	3/4	2,004.33	3/4	2,572.60	3/4	3,163.05	3/4	3,766.22	3/4	4,373.23
1	4.69	1	211.50	1	557.17	1	987.92	1	1,479.47	1	2,015.86	1	2,584.70	1	3,175.51	1	3,778.86	1	4,385.85
1/4	6.78	1/4	217.62	1/4	565.44	1/4	997.64	1/4	1,490.26	1/4	2,027.44	1/4	2,596.83	1/4	3,187.99	1/4	3,791.50	1/4	4,398.47
1/2	8.87	1/2	223.75	1/2	573.71	1/2	1,007.36	1/2	1,501.06	1/2	2,039.02	1/2	2,608.96	1/2	3,200.47	1/2	3,804.14	1/2	4,411.09
3/4	10.96	3/4	229.87	3/4	581.98	3/4	1,017.09	3/4	1,511.85	3/4	2,050.60	3/4	2,621.09	3/4	3,212.95	3/4	3,816.78	3/4	4,423.71
2	13.04	2	236.00	2	590.24	2	1,026.81	2	1,522.64	2	2,062.17	2	2,633.23	2	3,225.43	2	3,829.42	2	4,436.33
1/4	15.75	1/4	242.36	1/4	598.65	1/4	1,036.64	1/4	1,533.51	1/4	2,073.81	1/4	2,645.40	1/4	3,237.93	1/4	3,842.07	1/4	4,448.93
1/2	18.45	1/2	248.73	1/2	607.06	1/2	1,046.46	1/2	1,544.38	1/2	2,085.44	1/2	2,657.57	1/2	3,250.44	1/2	3,854.71	1/2	4,461.54
3/4	21.15	3/4	255.09	3/4	615.47	3/4	1,056.29	3/4	1,555.25	3/4	2,097.08	3/4	2,669.73	3/4	3,262.94	3/4	3,867.36	3/4	4,474.15
3	23.85	3	261.46	3	623.88	3	1,066.11	3	1,566.12	3	2,108.71	3	2,681.90	3	3,275.44	3	3,880.01	3	4,486.76
1/4	27.05	1/4	268.05	1/4	632.42	1/4	1,076.04	1/4	1,577.06	1/4	2,120.40	1/4	2,694.11	1/4	3,287.96	1/4	3,892.66	1/4	4,499.36
1/2	30.25	1/2	274.64	1/2	640.97	1/2	1,085.96	1/2	1,588.00	1/2	2,132.08	1/2	2,706.31	1/2	3,300.48	1/2	3,905.31	1/2	4,511.95
3/4	33.44	3/4	281.23	3/4	649.51	3/4	1,095.89	3/4	1,598.95	3/4	2,143.77	3/4	2,718.52	3/4	3,313.00	3/4	3,917.96	3/4	4,524.55
4	36.64	4	287.83	4	658.06	4	1,105.81	4	1,609.89	4	2,155.46	4	2,730.72	4	3,325.52	4	3,930.61	4	4,537.15
1/4	40.26	1/4	294.61	1/4	666.73	1/4	1,115.84	1/4	1,620.90	1/4	2,167.20	1/4	2,742.96	1/4	3,338.06	1/4	3,943.26	1/4	4,549.73
1/2	43.88	1/2	301.40	1/2	675.41	1/2	1,125.86	1/2	1,631.92	1/2	2,178.93	1/2	2,755.20	1/2	3,350.60	1/2	3,955.91	1/2	4,562.32
3/4	47.50	3/4	308.19	3/4	684.09	3/4	1,135.88	3/4	1,642.93	3/4	2,190.67	3/4	2,767.44	3/4	3,363.14	3/4	3,968.56	3/4	4,574.90
5	51.13	5	314.98	5	692.77	5	1,145.90	5	1,653.95	5	2,202.41	5	2,779.67	5	3,375.68	5	3,981.22	5	4,587.48
1/4	55.12	1/4	321.95	1/4	701.57	1/4	1,156.02	1/4	1,665.03	1/4	2,214.20	1/4	2,791.94	1/4	3,388.23	1/4	3,993.87	1/4	4,600.05
1/2	59.12	1/2	328.93	1/2	710.38	1/2	1,166.13	1/2	1,676.11	1/2	2,225.99	1/2	2,804.21	1/2	3,400.79	1/2	4,006.52	1/2	4,612.62
3/4	63.12	3/4	335.90	3/4	719.19	3/4	1,176.25	3/4	1,687.20	3/4	2,237.77	3/4	2,816.49	3/4	3,413.34	3/4	4,019.18	3/4	4,625.20
6	67.12	6	342.88	6	727.99	6	1,186.37	6	1,698.28	6	2,249.56	6	2,828.76	6	3,425.90	6	4,031.83	6	4,637.77
1/4	71.46	1/4	350.04	1/4	736.92	1/4	1,196.58	1/4	1,709.43	1/4	2,261.40	1/4	2,841.06	1/4	3,438.47	1/4	4,044.48	1/4	4,650.32
1/2	75.80	1/2	357.19	1/2	745.86	1/2	1,206.79	1/2	1,720.59	1/2	2,273.24	1/2	2,853.36	1/2	3,451.04	1/2	4,057.14	1/2	4,662.88
3/4	80.14	3/4	364.35	3/4	754.79	3/4	1,216.99	3/4	1,731.74	3/4	2,285.07	3/4	2,865.66	3/4	3,463.61	3/4	4,069.79	3/4	4,675.43
7	84.48	7	371.51	7	763.72	7	1,227.20	7	1,742.89	7	2,296.91	7	2,877.96	7	3,476.18	7	4,082.45	7	4,687.99
1/4	89.14	1/4	378.84	1/4	772.77	1/4	1,237.50	1/4	1,754.11	1/4	2,308.79	1/4	2,890.29	1/4	3,488.76	1/4	4,095.10	1/4	4,700.52
1/2	93.79	1/2	386.17	1/2	781.83	1/2	1,247.80	1/2	1,765.33	1/2	2,320.67	1/2	2,902.62	1/2	3,501.35	1/2	4,107.75	1/2	4,713.06
3/4	98.45	3/4	393.50	3/4	790.88	3/4	1,258.10	3/4	1,776.54	3/4	2,332.56	3/4	2,914.96	3/4	3,513.93	3/4	4,120.40	3/4	4,725.60
8	103.11	8	400.83	8	799.94	8	1,268.40	8	1,787.76	8	2,344.44	8	2,927.29	8	3,526.52	8	4,133.06	8	4,738.14
1/4	108.03	1/4	408.33	1/4	809.11	1/4	1,278.78	1/4	1,799.05	1/4	2,356.37	1/4	2,939.65	1/4	3,539.11	1/4	4,145.71	1/4	4,750.66
1/2	112.95	1/2	415.83	1/2	818.28	1/2	1,289.17	1/2	1,810.33	1/2	2,368.30	1/2	2,952.01	1/2	3,551.71	1/2	4,158.36	1/2	4,763.18
3/4	117.87	3/4	423.33	3/4	827.46	3/4	1,299.56	3/4	1,821.61	3/4	2,380.22	3/4	2,964.37	3/4	3,564.31	3/4	4,171.01	3/4	4,775.70
9	122.79	9	430.83	9	836.63	9	1,309.94	9	1,832.89	9	2,392.15	9	2,976.73	9	3,576.90	9	4,183.66	9	4,788.22
1/4	127.96	1/4	438.50	1/4	845.92	1/4	1,320.42	1/4	1,844.24	1/4	2,404.12	1/4	2,989.11	1/4	3,589.51	1/4	4,196.30	1/4	4,800.73
1/2	133.13	1/2	446.16	1/2	855.21	1/2	1,330.89	1/2	1,855.58	1/2	2,416.10	1/2	3,001.50	1/2	3,602.12	1/2	4,208.95	1/2	4,813.23
3/4	138.30	3/4	453.82	3/4	864.50	3/4	1,341.36	3/4	1,866.93	3/4	2,428.07	3/4	3,013.89	3/4	3,614.73	3/4	4,221.59	3/4	4,825.73
10	143.47	10	461.49	10	873.78	10	1,351.83	10	1,878.27	10	2,440.04	10	3,026.27	10	3,627.34	10	4,234.24	10	4,838.23
1/4	148.90	1/4	469.31	1/4	883.19	1/4	1,362.39	1/4	1,889.68	1/4	2,452.05	1/4	3,038.69	1/4	3,639.95	1/4	4,246.88	1/4	4,850.71
1/2	154.33	1/2	477.13	1/2	892.59	1/2	1,372.94	1/2	1,901.09	1/2	2,464.07	1/2	3,051.10	1/2	3,652.57	1/2	4,259.52	1/2	4,863.19
3/4	159.76	3/4	484.95	3/4	901.99	3/4	1,383.50	3/4	1,912.49	3/4	2,476.08	3/4	3,063.51	3/4	3,665.19	3/4	4,272.16	3/4	4,875.67
11	165.19	11	492.77	11	911.39	11	1,394.06	11	1,923.90	11	2,488.10	11	3,075.92	11	3,677.81	11	4,284.80	11	4,888.16
1/4	170.86	1/4	500.75	1/4	920.90	1/4	1,404.69	1/4	1,935.37	1/4	2,500.15	1/4	3,088.36	1/4	3,690.44	1/4	4,297.44	1/4	4,900.62
1/2	176.53	1/2	508.72	1/2	930.41	1/2	1,415.33	1/2	1,946.83	1/2	2,512.21	1/2	3,100.80	1/2	3,703.06	1/2	4,310.07	1/2	4,913.08
3/4	182.20	3/4	516.70	3/4	939.93	3/4	1,425.97	3/4	1,958.30	3/4	2,524.26	3/4	3,113.23	3/4	3,715.69	3/4	4,322.71	3/4	4,925.53

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 2042"

## 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	4,937.99	0	5,527.34	0	6,093.90	0	6,627.06	0	7,114.22	0	7,538.99	0	7,876.30	0	8,064.78	0		0	
1/4	4,950.43	1/4	5,539.40	1/4	6,105.37	1/4	6,637.70	1/4	7,123.74	1/4	7,546.96	1/4	7,882.03	1/4		1/4		1/4	
1/2	4,962.87	1/2	5,551.45	1/2	6,116.83	1/2	6,648.33	1/2	7,133.25	1/2	7,554.94	1/2	7,887.75	1/2		1/2		1/2	
3/4	4,975.30	3/4	5,563.51	3/4	6,128.30	3/4	6,658.97	3/4	7,142.76	3/4	7,562.91	3/4	7,893.47	3/4		3/4		3/4	
1	4,987.74	1	5,575.56	1	6,139.76	1	6,669.61	1	7,152.27	1	7,570.89	1	7,899.20	1		1		1	
1/4	5,000.15	1/4	5,587.58	1/4	6,151.17	1/4	6,680.16	1/4	7,161.67	1/4	7,578.71	1/4	7,904.68	1/4		1/4		1/4	
1/2	5,012.57	1/2	5,599.59	1/2	6,162.57	1/2	6,690.72	1/2	7,171.07	1/2	7,586.53	1/2	7,910.16	1/2		1/2		1/2	
3/4	5,024.98	3/4	5,611.61	3/4	6,173.98	3/4	6,701.27	3/4	7,180.48	3/4	7,594.35	3/4	7,915.64	3/4		3/4		3/4	
2	5,037.39	2	5,623.62	2	6,185.39	2	6,711.83	2	7,189.88	2	7,602.18	2	7,921.12	2		2		2	
1/4	5,049.78	1/4	5,635.59	1/4	6,196.73	1/4	6,722.30	1/4	7,199.17	1/4	7,609.84	1/4	7,926.34	1/4		1/4		1/4	
1/2	5,062.16	1/2	5,647.57	1/2	6,208.08	1/2	6,732.77	1/2	7,208.46	1/2	7,617.50	1/2	7,931.56	1/2		1/2		1/2	
3/4	5,074.55	3/4	5,659.54	3/4	6,219.42	3/4	6,743.25	3/4	7,217.74	3/4	7,625.17	3/4	7,936.78	3/4		3/4		3/4	
3	5,086.94	3	5,671.51	3	6,230.77	3	6,753.72	3	7,227.03	3	7,632.83	3	7,942.01	3		3		3	
1/4	5,099.30	1/4	5,683.44	1/4	6,242.05	1/4	6,764.10	1/4	7,236.21	1/4	7,640.33	1/4	7,946.95	1/4		1/4		1/4	
1/2	5,111.66	1/2	5,695.37	1/2	6,253.33	1/2	6,774.49	1/2	7,245.38	1/2	7,647.83	1/2	7,951.90	1/2		1/2		1/2	
3/4	5,124.02	3/4	5,707.29	3/4	6,264.62	3/4	6,784.88	3/4	7,254.55	3/4	7,655.33	3/4	7,956.85	3/4		3/4		3/4	
4	5,136.38	4	5,719.22	4	6,275.90	4	6,795.26	4	7,263.73	4	7,662.83	4	7,961.80	4		4		4	
1/4	5,148.71	1/4	5,731.11	1/4	6,287.12	1/4	6,805.56	1/4	7,272.78	1/4	7,670.16	1/4	7,966.45	1/4		1/4		1/4	
1/2	5,161.04	1/2	5,742.99	1/2	6,298.34	1/2	6,815.86	1/2	7,281.83	1/2	7,677.49	1/2	7,971.11	1/2		1/2		1/2	
3/4	5,173.37	3/4	5,754.87	3/4	6,309.55	3/4	6,826.16	3/4	7,290.89	3/4	7,684.82	3/4	7,975.76	3/4		3/4		3/4	
5	5,185.70	5	5,766.75	5	6,320.77	5	6,836.46	5	7,299.94	5	7,692.16	5	7,980.42	5		5		5	
1/4	5,198.00	1/4	5,778.59	1/4	6,331.92	1/4	6,846.67	1/4	7,308.87	1/4	7,699.31	1/4	7,984.76	1/4		1/4		1/4	
1/2	5,210.30	1/2	5,790.43	1/2	6,343.08	1/2	6,856.88	1/2	7,317.81	1/2	7,706.47	1/2	7,989.10	1/2		1/2		1/2	
3/4	5,222.61	3/4	5,802.26	3/4	6,354.23	3/4	6,867.09	3/4	7,326.74	3/4	7,713.63	3/4	7,993.44	3/4		3/4		3/4	
6	5,234.91	6	5,814.10	6	6,365.38	6	6,877.29	6	7,335.67	6	7,720.78	6	7,997.78	6		6		6	
1/4	5,247.18	1/4	5,825.89	1/4	6,376.46	1/4	6,887.41	1/4	7,344.48	1/4	7,727.76	1/4	8,001.78	1/4		1/4		1/4	
1/2	5,259.45	1/2	5,837.68	1/2	6,387.55	1/2	6,897.53	1/2	7,353.28	1/2	7,734.73	1/2	8,005.78	1/2		1/2		1/2	
3/4	5,271.72	3/4	5,849.46	3/4	6,398.63	3/4	6,907.64	3/4	7,362.09	3/4	7,741.71	3/4	8,009.78	3/4		3/4		3/4	
7	5,283.99	7	5,861.25	7	6,409.72	7	6,917.76	7	7,370.90	7	7,748.69	7	8,013.78	7		7		7	
1/4	5,296.23	1/4	5,872.99	1/4	6,420.73	1/4	6,927.78	1/4	7,379.57	1/4	7,755.47	1/4	8,017.40	1/4		1/4		1/4	
1/2	5,308.47	1/2	5,884.73	1/2	6,431.74	1/2	6,937.81	1/2	7,388.25	1/2	7,762.26	1/2	8,021.02	1/2		1/2		1/2	
3/4	5,320.70	3/4	5,896.47	3/4	6,442.76	3/4	6,947.83	3/4	7,396.93	3/4	7,769.05	3/4	8,024.64	3/4		3/4		3/4	
8	5,332.94	8	5,908.20	8	6,453.77	8	6,957.85	8	7,405.61	8	7,775.84	8	8,028.26	8		8		8	
1/4	5,345.15	1/4	5,919.89	1/4	6,464.72	1/4	6,967.77	1/4	7,414.15	1/4	7,782.43	1/4	8,031.46	1/4		1/4		1/4	
1/2	5,357.35	1/2	5,931.58	1/2	6,475.66	1/2	6,977.70	1/2	7,422.69	1/2	7,789.02	1/2	8,034.66	1/2		1/2		1/2	
3/4	5,369.55	3/4	5,943.26	3/4	6,486.60	3/4	6,987.62	3/4	7,431.24	3/4	7,795.61	3/4	8,037.85	3/4		3/4		3/4	
9	5,381.76	9	5,954.95	9	6,497.54	9	6,997.55	9	7,439.78	9	7,802.21	9	8,041.05	9		9		9	
1/4	5,393.93	1/4	5,966.59	1/4	6,508.41	1/4	7,007.38	1/4	7,448.19	1/4	7,808.60	1/4	8,043.75	1/4		1/4		1/4	
1/2	5,406.10	1/2	5,978.22	1/2	6,519.28	1/2	7,017.20	1/2	7,456.60	1/2	7,814.99	1/2	8,046.46	1/2		1/2		1/2	
3/4	5,418.27	3/4	5,989.85	3/4	6,530.15	3/4	7,027.03	3/4	7,465.01	3/4	7,821.38	3/4	8,049.16	3/4		3/4		3/4	
10	5,430.44	10	6,001.49	10	6,541.02	10	7,036.85	10	7,473.42	10	7,827.77	10	8,051.86	10		10		10	
1/4	5,442.57	1/4	6,013.07	1/4	6,551.81	1/4	7,046.58	1/4	7,481.69	1/4	7,833.94	1/4	8,053.95	1/4		1/4		1/4	
1/2	5,454.70	1/2	6,024.65	1/2	6,562.61	1/2	7,056.30	1/2	7,489.96	1/2	7,840.12	1/2	8,056.04	1/2		1/2		1/2	
3/4	5,466.83	3/4	6,036.23	3/4	6,573.40	3/4	7,066.02	3/4	7,498.22	3/4	7,846.30	3/4	8,058.12	3/4		3/4		3/4	
11	5,478.97	11	6,047.81	11	6,584.19	11	7,075.75	11	7,506.49	11	7,852.48	11	8,060.21	11		11		11	
1/4	5,491.06	1/4	6,059.33	1/4	6,594.91	1/4	7,085.37	1/4	7,514.62	1/4	7,858.43	1/4	8,061.35	1/4		1/4		1/4	
1/2	5,503.16	1/2	6,070.85	1/2	6,605.63	1/2	7,094.99	1/2	7,522.74	1/2	7,864.39	1/2	8,062.50	1/2		1/2		1/2	
3/4	5,515.25	3/4	6,082.38	3/4	6,616.34	3/4	7,104.60	3/4	7,530.86	3/4	7,870.35	3/4	8,063.64	3/4		3/4		3/4	

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CALCULATED: 04/15/2014 CL  
PRINTED: 04/15/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2014

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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Pearland, Texas 77588

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