



# BARGE "FMT 2052"

# PORT HORIZONTAL

## INNAGE TABLE BERGAN GAUGE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	0	187.45	0	948.87	0	1,968.52	0	3,123.61	0	4,332.42
1/4	1/4	193.35	1/4	958.48	1/4	1,980.03	1/4	3,136.06	1/4	4,345.04
1/2	1/2	209.25	1/2	968.09	1/2	1,991.55	1/2	3,148.51	1/2	4,357.65
3/4	3/4	205.15	3/4	977.70	3/4	2,003.06	3/4	3,160.96	3/4	4,370.27
1	1	211.04	1	987.32	1	2,014.58	1	3,173.41	1	4,382.89
1 1/4	1 1/4	223.39	1 1/4	1,006.75	1 1/4	2,026.15	1 1/4	3,185.89	1 1/4	4,395.50
1 1/2	1 1/2	223.39	1 1/2	1,006.75	1 1/2	2,026.15	1 1/2	3,185.89	1 1/2	4,395.50
3/4	3/4	229.57	3/4	1,016.47	3/4	2,049.29	3/4	3,210.83	3/4	4,420.11
2	2	235.74	2	1,026.19	2	2,060.86	2	3,223.30	2	4,433.33
1 1/4	1 1/4	242.13	1 1/4	1,036.01	1 1/4	2,072.49	1 1/4	3,235.68	1 1/4	4,445.93
1 1/2	1 1/2	248.51	1 1/2	1,045.83	1 1/2	2,084.12	1 1/2	3,248.29	1 1/2	4,458.53
3/4	3/4	254.90	3/4	1,055.65	3/4	2,095.74	3/4	3,260.78	3/4	4,471.12
3	3	261.29	3	1,065.47	3	2,107.37	3	3,273.27	3	4,483.72
1 1/4	1 1/4	267.88	1 1/4	1,075.38	1 1/4	2,119.05	1 1/4	3,285.79	1 1/4	4,496.31
1 1/2	1 1/2	274.47	1 1/2	1,085.30	1 1/2	2,130.73	1 1/2	3,298.30	1 1/2	4,508.90
3/4	3/4	281.05	3/4	1,095.22	3/4	2,142.40	3/4	3,310.81	3/4	4,521.49
4	4	287.64	4	1,105.14	4	2,154.08	4	3,323.32	4	4,534.08
1 1/4	1 1/4	294.43	1 1/4	1,115.16	1 1/4	2,165.81	1 1/4	3,335.85	1 1/4	4,546.65
1 1/2	1 1/2	301.21	1 1/2	1,125.17	1 1/2	2,177.54	1 1/2	3,348.38	1 1/2	4,559.23
3/4	3/4	308.00	3/4	1,135.19	3/4	2,189.27	3/4	3,360.91	3/4	4,571.80
5	5	314.78	5	1,145.20	5	2,201.00	5	3,373.44	5	4,584.38
1 1/4	1 1/4	321.75	1 1/4	1,155.31	1 1/4	2,212.78	1 1/4	3,385.99	1 1/4	4,596.94
1 1/2	1 1/2	328.72	1 1/2	1,165.42	1 1/2	2,224.56	1 1/2	3,398.53	1 1/2	4,609.50
3/4	3/4	335.70	3/4	1,175.53	3/4	2,236.34	3/4	3,411.08	3/4	4,622.06
6	6	342.67	6	1,185.64	6	2,248.12	6	3,423.62	6	4,634.62
1 1/4	1 1/4	349.82	1 1/4	1,195.85	1 1/4	2,259.95	1 1/4	3,436.19	1 1/4	4,647.17
1 1/2	1 1/2	356.97	1 1/2	1,206.05	1 1/2	2,271.78	1 1/2	3,448.75	1 1/2	4,659.71
3/4	3/4	364.13	3/4	1,216.25	3/4	2,283.61	3/4	3,461.31	3/4	4,672.26
7	7	371.28	7	1,226.45	7	2,295.43	7	3,473.87	7	4,684.81
1 1/4	1 1/4	378.61	1 1/4	1,236.74	1 1/4	2,307.31	1 1/4	3,486.44	1 1/4	4,697.34
1 1/2	1 1/2	385.93	1 1/2	1,247.04	1 1/2	2,319.18	1 1/2	3,499.02	1 1/2	4,709.87
3/4	3/4	393.26	3/4	1,257.33	3/4	2,331.06	3/4	3,511.59	3/4	4,722.39
8	8	400.59	8	1,267.62	8	2,342.93	8	3,524.17	8	4,734.92
1 1/4	1 1/4	408.08	1 1/4	1,278.00	1 1/4	2,354.85	1 1/4	3,536.76	1 1/4	4,747.44
1 1/2	1 1/2	415.58	1 1/2	1,288.38	1 1/2	2,366.77	1 1/2	3,549.35	1 1/2	4,759.95
3/4	3/4	423.07	3/4	1,298.76	3/4	2,378.69	3/4	3,561.93	3/4	4,772.46
9	9	430.57	9	1,309.14	9	2,390.61	9	3,574.52	9	4,784.97
1 1/4	1 1/4	438.23	1 1/4	1,319.61	1 1/4	2,402.58	1 1/4	3,587.12	1 1/4	4,797.46
1 1/2	1 1/2	445.99	1 1/2	1,330.07	1 1/2	2,414.54	1 1/2	3,599.72	1 1/2	4,809.96
3/4	3/4	453.55	3/4	1,340.54	3/4	2,426.50	3/4	3,612.32	3/4	4,822.45
10	10	461.21	10	1,351.00	10	2,438.47	10	3,624.92	10	4,834.94
1 1/4	1 1/4	469.02	1 1/4	1,361.55	1 1/4	2,450.47	1 1/4	3,637.53	1 1/4	4,847.42
1 1/2	1 1/2	476.84	1 1/2	1,372.10	1 1/2	2,462.48	1 1/2	3,650.14	1 1/2	4,859.89
3/4	3/4	484.66	3/4	1,382.65	3/4	2,474.48	3/4	3,662.75	3/4	4,872.36
11	11	492.48	11	1,393.20	11	2,486.49	11	3,675.36	11	4,884.83
1 1/4	1 1/4	500.45	1 1/4	1,403.83	1 1/4	2,498.54	1 1/4	3,687.97	1 1/4	4,897.28
1 1/2	1 1/2	508.42	1 1/2	1,414.46	1 1/2	2,510.58	1 1/2	3,700.59	1 1/2	4,909.73
3/4	3/4	516.39	3/4	1,425.09	3/4	2,522.63	3/4	3,713.21	3/4	4,922.19

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.2

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

*[Signature]*



# BARGE "FMT 2052"

# PORT HORIZONTAL INNAGE TABLE BERGAN GAUGE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	4,934.64	0	5,523.57	0	6,089.73	0	6,622.53	0	7,109.38	0	7,533.89	0	7,871.01	0	8,059.40	0		0	
1/4	4,947.06	1/4	5,535.61	1/4	6,101.19	1/4	6,633.16	1/4	7,118.89	1/4	7,541.86	1/4	7,876.74	1/4		1/4		1/4	
1/2	4,959.49	1/2	5,547.66	1/2	6,112.85	1/2	6,643.79	1/2	7,128.39	1/2	7,549.83	1/2	7,882.46	1/2		1/2		1/2	
3/4	4,971.92	3/4	5,559.71	3/4	6,124.10	3/4	6,654.42	3/4	7,137.90	3/4	7,557.80	3/4	7,888.18	3/4		3/4		3/4	
1	4,984.35	1	5,571.75	1	6,135.56	1	6,665.05	1	7,147.40	1	7,565.77	1	7,893.90	1		1		1	
1 1/4	4,996.75	1 1/4	5,583.76	1 1/4	6,146.36	1 1/4	6,675.60	1 1/4	7,156.80	1 1/4	7,573.59	1 1/4	7,899.38	1 1/4		1 1/4		1 1/4	
1 1/2	5,009.15	1 1/2	5,595.77	1 1/2	6,158.36	1 1/2	6,686.15	1 1/2	7,166.20	1 1/2	7,581.40	1 1/2	7,904.85	1 1/2		1 1/2		1 1/2	
3/4	5,021.56	3/4	5,607.77	3/4	6,169.76	3/4	6,696.70	3/4	7,175.59	3/4	7,589.22	3/4	7,910.33	3/4		3/4		3/4	
2	5,033.96	2	5,619.78	2	6,181.16	2	6,707.24	2	7,184.99	2	7,597.04	2	7,915.81	2		2		2	
1 1/4	5,046.34	1 1/4	5,631.74	1 1/4	6,192.49	1 1/4	6,717.71	1 1/4	7,194.27	1 1/4	7,604.70	1 1/4	7,921.03	1 1/4		1 1/4		1 1/4	
1 1/2	5,058.72	1 1/2	5,643.71	1 1/2	6,203.83	1 1/2	6,728.18	1 1/2	7,203.55	1 1/2	7,612.36	1 1/2	7,926.25	1 1/2		1 1/2		1 1/2	
3/4	5,071.09	3/4	5,655.67	3/4	6,215.17	3/4	6,738.64	3/4	7,212.84	3/4	7,620.02	3/4	7,931.46	3/4		3/4		3/4	
3	5,083.47	3	5,667.63	3	6,226.51	3	6,749.11	3	7,222.12	3	7,627.67	3	7,936.68	3		3		3	
1 1/4	5,095.82	1 1/4	5,679.55	1 1/4	6,237.78	1 1/4	6,759.49	1 1/4	7,231.29	1 1/4	7,635.17	1 1/4	7,941.63	1 1/4		1 1/4		1 1/4	
1 1/2	5,108.17	1 1/2	5,691.47	1 1/2	6,249.06	1 1/2	6,769.87	1 1/2	7,240.45	1 1/2	7,642.67	1 1/2	7,946.57	1 1/2		1 1/2		1 1/2	
3/4	5,120.52	3/4	5,703.39	3/4	6,260.33	3/4	6,780.24	3/4	7,249.62	3/4	7,650.16	3/4	7,951.52	3/4		3/4		3/4	
4	5,132.88	4	5,715.31	4	6,271.61	4	6,790.62	4	7,258.79	4	7,657.66	4	7,956.47	4		4		4	
1 1/4	5,145.20	1 1/4	5,727.19	1 1/4	6,282.82	1 1/4	6,800.92	1 1/4	7,267.84	1 1/4	7,664.99	1 1/4	7,961.12	1 1/4		1 1/4		1 1/4	
1 1/2	5,157.52	1 1/2	5,739.06	1 1/2	6,294.03	1 1/2	6,811.21	1 1/2	7,276.89	1 1/2	7,672.31	1 1/2	7,965.77	1 1/2		1 1/2		1 1/2	
3/4	5,169.84	3/4	5,750.94	3/4	6,305.24	3/4	6,821.50	3/4	7,285.93	3/4	7,679.64	3/4	7,970.43	3/4		3/4		3/4	
5	5,182.17	5	5,762.81	5	6,316.45	5	6,831.79	5	7,294.98	5	7,686.97	5	7,975.08	5		5		5	
1 1/4	5,194.46	1 1/4	5,774.64	1 1/4	6,327.59	1 1/4	6,842.00	1 1/4	7,303.91	1 1/4	7,694.12	1 1/4	7,979.42	1 1/4		1 1/4		1 1/4	
1 1/2	5,206.75	1 1/2	5,786.47	1 1/2	6,338.74	1 1/2	6,852.20	1 1/2	7,312.84	1 1/2	7,701.27	1 1/2	7,983.76	1 1/2		1 1/2		1 1/2	
3/4	5,219.04	3/4	5,798.30	3/4	6,349.88	3/4	6,862.40	3/4	7,321.76	3/4	7,710.43	3/4	7,988.09	3/4		3/4		3/4	
6	5,231.34	6	5,810.12	6	6,361.03	6	6,872.60	6	7,330.69	6	7,715.58	6	7,992.43	6		6		6	
1 1/4	5,243.60	1 1/4	5,821.90	1 1/4	6,372.10	1 1/4	6,882.71	1 1/4	7,339.49	1 1/4	7,722.55	1 1/4	7,996.43	1 1/4		1 1/4		1 1/4	
1 1/2	5,255.86	1 1/2	5,833.68	1 1/2	6,383.18	1 1/2	6,892.82	1 1/2	7,348.29	1 1/2	7,729.52	1 1/2	8,000.43	1 1/2		1 1/2		1 1/2	
3/4	5,268.12	3/4	5,845.46	3/4	6,394.26	3/4	6,902.93	3/4	7,357.09	3/4	7,736.49	3/4	8,004.42	3/4		3/4		3/4	
7	5,280.38	7	5,857.24	7	6,405.33	7	6,913.04	7	7,365.89	7	7,743.47	7	8,008.42	7		7		7	
1 1/4	5,292.61	1 1/4	5,868.97	1 1/4	6,416.34	1 1/4	6,923.06	1 1/4	7,374.57	1 1/4	7,750.25	1 1/4	8,012.04	1 1/4		1 1/4		1 1/4	
1 1/2	5,304.84	1 1/2	5,880.70	1 1/2	6,427.35	1 1/2	6,933.07	1 1/2	7,383.24	1 1/2	7,757.03	1 1/2	8,015.66	1 1/2		1 1/2		1 1/2	
3/4	5,317.07	3/4	5,892.43	3/4	6,438.35	3/4	6,943.09	3/4	7,391.91	3/4	7,763.82	3/4	8,019.28	3/4		3/4		3/4	
8	5,329.30	8	5,904.16	8	6,449.36	8	6,953.11	8	7,400.58	8	7,770.60	8	8,022.90	8		8		8	
1 1/4	5,341.50	1 1/4	5,915.84	1 1/4	6,460.29	1 1/4	6,963.02	1 1/4	7,409.12	1 1/4	7,777.19	1 1/4	8,026.09	1 1/4		1 1/4		1 1/4	
1 1/2	5,353.69	1 1/2	5,927.52	1 1/2	6,471.23	1 1/2	6,972.94	1 1/2	7,417.66	1 1/2	7,783.78	1 1/2	8,029.29	1 1/2		1 1/2		1 1/2	
3/4	5,365.89	3/4	5,939.20	3/4	6,482.16	3/4	6,982.86	3/4	7,426.20	3/4	7,790.37	3/4	8,032.48	3/4		3/4		3/4	
9	5,378.09	9	5,950.88	9	6,493.10	9	6,992.78	9	7,434.74	9	7,796.96	9	8,035.68	9		9		9	
1 1/4	5,390.25	1 1/4	5,962.50	1 1/4	6,503.96	1 1/4	7,002.60	1 1/4	7,443.15	1 1/4	7,803.34	1 1/4	8,038.38	1 1/4		1 1/4		1 1/4	
1 1/2	5,402.41	1 1/2	5,974.13	1 1/2	6,514.82	1 1/2	7,012.42	1 1/2	7,451.55	1 1/2	7,809.73	1 1/2	8,041.08	1 1/2		1 1/2		1 1/2	
3/4	5,414.57	3/4	5,985.76	3/4	6,525.69	3/4	7,022.24	3/4	7,459.95	3/4	7,816.12	3/4	8,043.78	3/4		3/4		3/4	
10	5,426.73	10	5,997.38	10	6,536.55	10	7,032.06	10	7,468.36	10	7,822.50	10	8,046.48	10		10		10	
1 1/4	5,438.85	1 1/4	6,008.95	1 1/4	6,547.33	1 1/4	7,041.78	1 1/4	7,476.62	1 1/4	7,828.68	1 1/4	8,048.57	1 1/4		1 1/4		1 1/4	
1 1/2	5,450.98	1 1/2	6,020.52	1 1/2	6,558.12	1 1/2	7,051.49	1 1/2	7,484.88	1 1/2	7,834.85	1 1/2	8,050.66	1 1/2		1 1/2		1 1/2	
3/4	5,463.10	3/4	6,032.10	3/4	6,568.91	3/4	7,061.21	3/4	7,493.15	3/4	7,841.03	3/4	8,052.74	3/4		3/4		3/4	
11	5,475.22	11	6,043.67	11	6,579.69	11	7,070.93	11	7,501.41	11	7,847.20	11	8,054.83	11		11		11	
1 1/4	5,487.31	1 1/4	6,055.18	1 1/4	6,590.40	1 1/4	7,080.54	1 1/4	7,509.53	1 1/4	7,853.15	1 1/4	8,055.97	1 1/4		1 1/4		1 1/4	
1 1/2	5,499.40	1 1/2	6,066.70	1 1/2	6,601.11	1 1/2	7,090.15	1 1/2	7,517.65	1 1/2	7,859.11	1 1/2	8,057.11	1 1/2		1 1/2		1 1/2	
3/4	5,511.48	3/4	6,078.21	3/4	6,611.82	3/4	7,099.77	3/4	7,525.77	3/4	7,865.06	3/4	8,058.26	3/4		3/4		3/4	

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

*PMA*

STRAPPED: 06/26/2019 JS - SW  
CALCULATED: 06/27/2019 CL  
PRINTED: 06/27/2019 CL  
CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2019



# BARGE "FMT 2052"

## STBD HORIZONTAL

### INNAGE TABLE BERGAN GAUGE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	187.54	0	524.62	0	949.36	0	1,436.48	0	1,969.58	0	2,536.06	0	3,125.33	0	3,727.90	0	4,334.84	0
1/4	1.31	193.44	1/4	532.75	1/4	958.98	1/4	1,447.19	1/4	1,981.10	1/4	2,548.15	1/4	3,137.79	1/4	3,740.53	1/4	4,347.46	1/4
1/2	2.45	199.34	1/2	540.87	1/2	966.60	1/2	1,457.91	1/2	1,992.62	1/2	2,560.25	1/2	3,150.25	1/2	3,753.16	1/2	4,360.09	1/2
3/4	3.59	205.25	3/4	548.99	3/4	974.21	3/4	1,468.62	3/4	2,004.14	3/4	2,572.34	3/4	3,162.71	3/4	3,765.80	3/4	4,372.71	3/4
1	4.73	211.15	1	557.12	1	987.83	1	1,479.34	1	2,015.67	1	2,584.43	1	3,175.16	1	3,778.43	1	4,385.34	1
1 1/4	6.82	217.32	1 1/4	565.39	1 1/4	997.55	1 1/4	1,490.13	1 1/4	2,027.24	1 1/4	2,596.56	1 1/4	3,187.64	1 1/4	3,791.07	1 1/4	4,397.96	1 1/4
1 1/2	8.91	223.50	1 1/2	573.65	1 1/2	1,007.28	1 1/2	1,500.92	1 1/2	2,038.82	1 1/2	2,608.70	1 1/2	3,200.12	1 1/2	3,803.71	1 1/2	4,410.57	1 1/2
1 3/4	11.00	229.68	1 3/4	581.92	1 3/4	1,017.00	1 3/4	1,511.72	1 3/4	2,050.40	1 3/4	2,620.83	1 3/4	3,212.60	1 3/4	3,816.35	1 3/4	4,423.19	1 3/4
2	13.09	235.86	2	590.19	2	1,026.72	2	1,522.51	2	2,061.98	2	2,632.96	2	3,225.08	2	3,828.99	2	4,435.81	2
2 1/4	15.79	242.25	2 1/4	598.60	2 1/4	1,036.55	2 1/4	1,533.38	2 1/4	2,073.81	2 1/4	2,645.12	2 1/4	3,237.58	2 1/4	3,841.63	2 1/4	4,448.41	2 1/4
2 1/2	18.49	248.64	2 1/2	607.01	2 1/2	1,046.37	2 1/2	1,544.24	2 1/2	2,085.24	2 1/2	2,657.29	2 1/2	3,250.08	2 1/2	3,854.28	2 1/2	4,461.02	2 1/2
2 3/4	21.19	255.03	2 3/4	615.41	2 3/4	1,056.20	2 3/4	1,555.11	2 3/4	2,096.87	2 3/4	2,669.46	2 3/4	3,262.58	2 3/4	3,866.92	2 3/4	4,473.63	2 3/4
3	23.90	261.42	3	623.82	3	1,066.02	3	1,565.98	3	2,108.51	3	2,681.63	3	3,275.08	3	3,879.57	3	4,486.23	3
3 1/4	27.09	268.01	3 1/4	632.37	3 1/4	1,075.95	3 1/4	1,576.92	3 1/4	2,120.19	3 1/4	2,693.83	3 1/4	3,287.60	3 1/4	3,892.21	3 1/4	4,498.83	3 1/4
3 1/2	30.29	274.60	3 1/2	640.91	3 1/2	1,085.87	3 1/2	1,587.86	3 1/2	2,131.88	3 1/2	2,706.03	3 1/2	3,300.12	3 1/2	3,904.86	3 1/2	4,511.42	3 1/2
3 3/4	33.49	281.19	3 3/4	649.45	3 3/4	1,095.79	3 3/4	1,598.80	3 3/4	2,143.56	3 3/4	2,718.24	3 3/4	3,312.64	3 3/4	3,917.51	3 3/4	4,524.02	3 3/4
4	36.68	287.79	4	658.00	4	1,105.72	4	1,609.75	4	2,155.25	4	2,730.44	4	3,325.16	4	3,930.16	4	4,536.61	4
4 1/4	40.30	294.57	4 1/4	666.68	4 1/4	1,115.74	4 1/4	1,620.76	4 1/4	2,166.99	4 1/4	2,742.67	4 1/4	3,337.70	4 1/4	3,942.81	4 1/4	4,549.20	4 1/4
4 1/2	43.93	301.36	4 1/2	675.35	4 1/2	1,125.76	4 1/2	1,631.77	4 1/2	2,178.72	4 1/2	2,754.91	4 1/2	3,350.23	4 1/2	3,955.46	4 1/2	4,561.78	4 1/2
4 3/4	47.55	308.15	4 3/4	684.03	4 3/4	1,135.78	4 3/4	1,642.78	4 3/4	2,190.46	4 3/4	2,767.15	4 3/4	3,362.77	4 3/4	3,968.11	4 3/4	4,574.36	4 3/4
5	51.17	314.94	5	692.71	5	1,145.80	5	1,653.80	5	2,202.20	5	2,779.38	5	3,375.31	5	3,980.76	5	4,586.94	5
5 1/4	55.17	321.94	5 1/4	701.51	5 1/4	1,155.92	5 1/4	1,664.88	5 1/4	2,213.98	5 1/4	2,791.65	5 1/4	3,387.86	5 1/4	3,993.41	5 1/4	4,599.51	5 1/4
5 1/2	59.17	328.89	5 1/2	710.32	5 1/2	1,166.03	5 1/2	1,675.96	5 1/2	2,225.77	5 1/2	2,803.92	5 1/2	3,400.41	5 1/2	4,006.06	5 1/2	4,612.08	5 1/2
5 3/4	63.17	335.86	5 3/4	719.12	5 3/4	1,176.15	5 3/4	1,687.05	5 3/4	2,237.56	5 3/4	2,816.19	5 3/4	3,412.92	5 3/4	4,018.72	5 3/4	4,624.65	5 3/4
6	67.16	342.84	6	727.93	6	1,186.27	6	1,698.13	6	2,249.34	6	2,828.46	6	3,425.52	6	4,031.37	6	4,637.22	6
6 1/4	71.51	349.99	6 1/4	736.86	6 1/4	1,196.47	6 1/4	1,709.28	6 1/4	2,261.18	6 1/4	2,838.09	6 1/4	3,438.09	6 1/4	4,044.02	6 1/4	4,649.77	6 1/4
6 1/2	75.85	357.15	6 1/2	745.79	6 1/2	1,206.68	6 1/2	1,720.43	6 1/2	2,273.01	6 1/2	2,853.06	6 1/2	3,450.66	6 1/2	4,056.67	6 1/2	4,662.32	6 1/2
6 3/4	80.19	364.31	6 3/4	754.72	6 3/4	1,216.89	6 3/4	1,731.58	6 3/4	2,284.89	6 3/4	2,865.36	6 3/4	3,463.22	6 3/4	4,069.32	6 3/4	4,674.88	6 3/4
7	84.53	371.46	7	763.65	7	1,227.10	7	1,742.73	7	2,296.68	7	2,877.66	7	3,475.79	7	4,081.98	7	4,687.43	7
7 1/4	89.13	378.79	7 1/4	772.71	7 1/4	1,237.40	7 1/4	1,753.95	7 1/4	2,308.56	7 1/4	2,889.99	7 1/4	3,488.38	7 1/4	4,094.63	7 1/4	4,699.97	7 1/4
7 1/2	93.73	386.13	7 1/2	781.76	7 1/2	1,247.69	7 1/2	1,765.16	7 1/2	2,320.44	7 1/2	2,902.32	7 1/2	3,500.96	7 1/2	4,107.28	7 1/2	4,712.50	7 1/2
7 3/4	98.33	393.46	7 3/4	790.81	7 3/4	1,257.99	7 3/4	1,776.38	7 3/4	2,332.33	7 3/4	2,914.65	7 3/4	3,513.54	7 3/4	4,119.93	7 3/4	4,725.04	7 3/4
8	102.93	400.79	8	799.87	8	1,268.29	8	1,787.60	8	2,344.21	8	2,926.98	8	3,526.12	8	4,132.58	8	4,737.58	8
8 1/4	107.82	408.29	8 1/4	809.04	8 1/4	1,278.67	8 1/4	1,798.88	8 1/4	2,356.13	8 1/4	2,939.34	8 1/4	3,538.72	8 1/4	4,145.23	8 1/4	4,750.10	8 1/4
8 1/2	112.72	415.79	8 1/2	818.21	8 1/2	1,289.06	8 1/2	1,810.16	8 1/2	2,368.06	8 1/2	2,951.69	8 1/2	3,551.31	8 1/2	4,157.88	8 1/2	4,762.62	8 1/2
8 3/4	117.61	423.29	8 3/4	827.39	8 3/4	1,299.45	8 3/4	1,821.44	8 3/4	2,379.99	8 3/4	2,964.05	8 3/4	3,563.91	8 3/4	4,170.52	8 3/4	4,775.14	8 3/4
9	122.50	430.79	9	836.56	9	1,309.83	9	1,832.72	9	2,391.91	9	2,976.41	9	3,576.50	9	4,183.17	9	4,787.66	9
9 1/4	127.67	438.45	9 1/4	845.85	9 1/4	1,320.30	9 1/4	1,844.07	9 1/4	2,403.88	9 1/4	2,988.80	9 1/4	3,589.11	9 1/4	4,195.82	9 1/4	4,800.16	9 1/4
9 1/2	132.83	446.11	9 1/2	855.13	9 1/2	1,330.77	9 1/2	1,855.41	9 1/2	2,415.85	9 1/2	3,001.18	9 1/2	3,601.72	9 1/2	4,208.46	9 1/2	4,812.66	9 1/2
9 3/4	138.00	453.78	9 3/4	864.42	9 3/4	1,341.24	9 3/4	1,866.76	9 3/4	2,427.83	9 3/4	3,013.56	9 3/4	3,614.32	9 3/4	4,221.10	9 3/4	4,825.16	9 3/4
10	143.17	461.44	10	873.71	10	1,351.72	10	1,878.10	10	2,439.80	10	3,025.95	10	3,626.93	10	4,233.75	10	4,837.66	10
10 1/4	148.59	469.26	10 1/4	883.11	10 1/4	1,362.27	10 1/4	1,889.50	10 1/4	2,451.81	10 1/4	3,038.36	10 1/4	3,639.55	10 1/4	4,246.39	10 1/4	4,850.13	10 1/4
10 1/2	154.02	477.08	10 1/2	892.51	10 1/2	1,372.82	10 1/2	1,900.91	10 1/2	2,463.82	10 1/2	3,050.77	10 1/2	3,652.16	10 1/2	4,259.03	10 1/2	4,862.61	10 1/2
10 3/4	159.44	484.90	10 3/4	901.91	10 3/4	1,383.38	10 3/4	1,912.31	10 3/4	2,475.83	10 3/4	3,063.18	10 3/4	3,664.78	10 3/4	4,271.67	10 3/4	4,875.09	10 3/4
11	164.87	492.73	11	911.31	11	1,393.93	11	1,923.72	11	2,487.85	11	3,075.59	11	3,677.40	11	4,284.31	11	4,887.57	11
11 1/4	170.54	500.70	11 1/4	920.83	11 1/4	1,404.57	11 1/4	1,935.18	11 1/4	2,499.90	11 1/4	3,088.03	11 1/4	3,690.02	11 1/4	4,296.94	11 1/4	4,900.03	11 1/4
11 1/2	176.20	508.67	11 1/2	930.34	11 1/2	1,415.21	11 1/2	1,946.65	11 1/2	2,511.95	11 1/2	3,100.46	11 1/2	3,702.65	11 1/2	4,309.57	11 1/2	4,912.49	11 1/2
11 3/4	181.87	516.65	11 3/4	939.85	11 3/4	1,425.84	11 3/4	1,958.11	11 3/4	2,524.01	11 3/4	3,112.90	11 3/4	3,715.27	11 3/4	4,322.21	11 3/4	4,924.95	11 3/4

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



# BARGE "FMT 2052"

# STBD HORIZONTAL INNAGE TABLE BERGAN GAUGE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		
	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	
0	4,937.41	0	5,526.68	0	6,093.16	0	6,626.26	0	7,113.38	0	7,538.11	0	7,875.42	0	8,063.89	0					
1/4	4,949.84	1/4	5,538.73	1/4	6,104.62	1/4	6,636.90	1/4	7,122.89	1/4	7,546.09	1/4	7,881.14	1/4		1/4					
1/2	4,962.27	1/2	5,550.78	1/2	6,116.09	1/2	6,647.53	1/2	7,132.40	1/2	7,554.06	1/2	7,886.86	1/2		1/2					
3/4	4,974.71	3/4	5,562.84	3/4	6,127.55	3/4	6,658.17	3/4	7,141.91	3/4	7,562.04	3/4	7,892.59	3/4		3/4					
1	4,987.14	1	5,574.89	1	6,139.02	1	6,668.80	1	7,151.42	1	7,570.01	1	7,898.31	1		1					
1/4	4,999.56	1/4	5,586.90	1/4	6,150.42	1/4	6,679.36	1/4	7,160.82	1/4	7,577.83	1/4	7,903.79	1/4		1/4					
1/2	5,011.97	1/2	5,598.92	1/2	6,161.83	1/2	6,689.91	1/2	7,170.23	1/2	7,585.65	1/2	7,909.27	1/2		1/2					
3/4	5,024.38	3/4	5,610.93	3/4	6,173.23	3/4	6,700.47	3/4	7,179.63	3/4	7,593.48	3/4	7,914.75	3/4		3/4					
2	5,036.79	2	5,622.94	2	6,184.64	2	6,711.02	2	7,189.03	2	7,601.30	2	7,920.23	2		2					
1/4	5,049.17	1/4	5,634.91	1/4	6,195.98	1/4	6,721.49	1/4	7,198.32	1/4	7,608.96	1/4	7,925.45	1/4		1/4					
1/2	5,061.56	1/2	5,646.88	1/2	6,207.33	1/2	6,731.96	1/2	7,207.60	1/2	7,616.62	1/2	7,930.67	1/2		1/2					
3/4	5,073.94	3/4	5,658.85	3/4	6,218.67	3/4	6,742.43	3/4	7,216.89	3/4	7,624.29	3/4	7,935.90	3/4		3/4					
3	5,086.33	3	5,670.82	3	6,230.01	3	6,752.91	3	7,226.18	3	7,631.95	3	7,941.12	3		3					
1/4	5,098.68	1/4	5,682.75	1/4	6,241.30	1/4	6,763.29	1/4	7,235.35	1/4	7,639.45	1/4	7,946.06	1/4		1/4					
1/2	5,111.04	1/2	5,694.68	1/2	6,252.58	1/2	6,773.68	1/2	7,244.52	1/2	7,646.96	1/2	7,951.01	1/2		1/2					
3/4	5,123.40	3/4	5,706.60	3/4	6,263.86	3/4	6,784.06	3/4	7,253.70	3/4	7,654.45	3/4	7,955.96	3/4		3/4					
4	5,135.76	4	5,718.53	4	6,275.14	4	6,794.45	4	7,262.87	4	7,661.95	4	7,960.91	4		4					
1/4	5,148.09	1/4	5,730.41	1/4	6,286.36	1/4	6,804.75	1/4	7,271.92	1/4	7,669.28	1/4	7,965.56	1/4		1/4					
1/2	5,160.42	1/2	5,742.29	1/2	6,297.57	1/2	6,815.04	1/2	7,280.98	1/2	7,676.61	1/2	7,970.22	1/2		1/2					
3/4	5,172.75	3/4	5,754.17	3/4	6,308.79	3/4	6,825.34	3/4	7,289.03	3/4	7,683.94	3/4	7,974.87	3/4		3/4					
5	5,185.08	5	5,766.06	5	6,320.01	5	6,835.64	5	7,299.08	5	7,691.27	5	7,979.53	5		5					
1/4	5,197.38	1/4	5,777.89	1/4	6,331.16	1/4	6,845.85	1/4	7,308.01	1/4	7,698.43	1/4	7,983.87	1/4		1/4					
1/2	5,209.68	1/2	5,789.73	1/2	6,342.31	1/2	6,856.06	1/2	7,316.95	1/2	7,705.59	1/2	7,988.21	1/2		1/2					
3/4	5,221.98	3/4	5,801.56	3/4	6,353.46	3/4	6,866.26	3/4	7,325.88	3/4	7,712.74	3/4	7,992.55	3/4		3/4					
6	5,234.28	6	5,813.40	6	6,364.61	6	6,876.47	6	7,334.81	6	7,719.90	6	7,996.89	6		6					
1/4	5,246.55	1/4	5,825.18	1/4	6,375.69	1/4	6,886.59	1/4	7,343.61	1/4	7,726.87	1/4	8,000.89	1/4		1/4					
1/2	5,258.81	1/2	5,836.97	1/2	6,386.77	1/2	6,896.70	1/2	7,352.42	1/2	7,733.85	1/2	8,004.89	1/2		1/2					
3/4	5,271.08	3/4	5,848.75	3/4	6,397.66	3/4	6,906.82	3/4	7,361.22	3/4	7,740.93	3/4	8,008.89	3/4		3/4					
7	5,283.35	7	5,860.54	7	6,408.94	7	6,916.93	7	7,370.03	7	7,747.80	7	8,012.89	7		7					
1/4	5,295.59	1/4	5,872.28	1/4	6,419.95	1/4	6,926.95	1/4	7,378.71	1/4	7,754.59	1/4	8,016.51	1/4		1/4					
1/2	5,307.83	1/2	5,884.01	1/2	6,430.97	1/2	6,936.98	1/2	7,387.37	1/2	7,761.38	1/2	8,020.13	1/2		1/2					
3/4	5,320.06	3/4	5,895.75	3/4	6,441.98	3/4	6,947.00	3/4	7,396.06	3/4	7,768.16	3/4	8,023.75	3/4		3/4					
8	5,332.30	8	5,907.49	8	6,452.99	8	6,957.02	8	7,404.74	8	7,774.95	8	8,027.37	8		8					
1/4	5,344.50	1/4	5,919.17	1/4	6,463.93	1/4	6,966.94	1/4	7,413.28	1/4	7,781.54	1/4	8,030.57	1/4		1/4					
1/2	5,356.70	1/2	5,930.86	1/2	6,474.88	1/2	6,976.87	1/2	7,421.83	1/2	7,788.14	1/2	8,033.77	1/2		1/2					
3/4	5,368.91	3/4	5,942.54	3/4	6,485.82	3/4	6,986.79	3/4	7,430.37	3/4	7,794.73	3/4	8,036.96	3/4		3/4					
9	5,381.11	9	5,954.23	9	6,496.76	9	6,996.72	9	7,438.92	9	7,801.32	9	8,040.16	9		9					
1/4	5,393.28	1/4	5,965.86	1/4	6,507.63	1/4	7,006.54	1/4	7,447.32	1/4	7,807.71	1/4	8,042.86	1/4		1/4					
1/2	5,405.44	1/2	5,977.49	1/2	6,518.49	1/2	7,016.36	1/2	7,455.73	1/2	7,814.10	1/2	8,045.56	1/2		1/2					
3/4	5,417.61	3/4	5,989.13	3/4	6,529.36	3/4	7,026.19	3/4	7,464.14	3/4	7,820.49	3/4	8,048.27	3/4		3/4					
10	5,429.78	10	6,000.76	10	6,540.23	10	7,036.01	10	7,472.55	10	7,826.88	10	8,050.97	10		10					
1/4	5,441.91	1/4	6,012.34	1/4	6,551.02	1/4	7,045.74	1/4	7,480.82	1/4	7,833.06	1/4	8,053.06	1/4		1/4					
1/2	5,454.04	1/2	6,023.92	1/2	6,561.81	1/2	7,055.46	1/2	7,489.08	1/2	7,839.23	1/2	8,055.15	1/2		1/2					
3/4	5,466.17	3/4	6,035.49	3/4	6,572.61	3/4	7,065.18	3/4	7,497.35	3/4	7,845.41	3/4	8,057.23	3/4		3/4					
11	5,478.30	11	6,047.49	11	6,583.40	11	7,074.91	11	7,505.62	11	7,851.59	11	8,059.32	11		11					
1/4	5,490.40	1/4	6,058.59	1/4	6,594.11	1/4	7,084.52	1/4	7,513.74	1/4	7,857.55	1/4	8,060.46	1/4		1/4					
1/2	5,502.49	1/2	6,070.12	1/2	6,604.83	1/2	7,094.14	1/2	7,521.87	1/2	7,863.50	1/2	8,061.60	1/2		1/2					
3/4	5,514.58	3/4	6,081.64	3/4	6,615.55	3/4	7,103.76	3/4	7,529.99	3/4	7,869.46	3/4	8,062.75	3/4		3/4					

STRAPPED: 06/26/2019 JS - SW  
 CALCULATED: 06/27/2019 CL  
 PRINTED: 06/27/2019 CL  
 CANCELS AND SUPERCEDES  
 ALL PRIOR TO 06/2019

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

