



BARGE "CI 1604"

**PORT
HORIZONTAL**

**INNAUGE 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	188.17	188.17	826.38	960.68	1,438.15	1,971.68	2,638.51	3,128.09	3,730.89	4,337.97
1/4	1.27	194.09	533.52	960.21	1,448.87	1,983.19	2,660.51	3,140.55	3,743.52	4,350.60
1/2	2.41	200.00	641.56	969.84	1,469.60	1,994.72	2,682.71	3,162.01	3,765.16	4,373.23
3/4	3.56	206.91	649.79	979.47	1,470.32	2,006.25	2,674.81	3,166.48	3,768.80	4,376.86
1	4.70	211.82	657.92	989.09	1,481.06	2,017.78	2,666.91	3,177.94	3,781.43	4,388.48
1 1/4	6.79	217.96	666.20	998.83	1,491.86	2,029.37	2,659.06	3,190.43	3,794.08	4,401.10
1 1/2	8.88	224.09	674.48	1,008.56	1,502.65	2,040.96	2,651.19	3,202.91	3,806.72	4,413.72
1 3/4	10.98	230.23	682.75	1,018.29	1,513.46	2,052.84	2,643.33	3,215.40	3,819.35	4,426.34
2	13.07	236.36	691.03	1,028.02	1,524.25	2,064.81	2,635.46	3,227.88	3,832.01	4,438.96
2 1/4	15.17	242.51	699.45	1,037.86	1,535.13	2,076.77	2,627.54	3,240.39	3,844.65	4,451.57
2 1/2	18.48	248.11	697.87	1,047.69	1,546.00	2,087.41	2,619.51	3,252.89	3,857.30	4,464.17
2 3/4	21.19	255.48	696.48	1,057.53	1,556.88	2,099.05	2,611.99	3,265.40	3,869.96	4,476.78
3	23.90	261.85	695.20	1,067.36	1,567.76	2,110.69	2,604.46	3,277.90	3,882.60	4,489.38
3 1/4	27.10	268.46	694.02	1,077.28	1,578.71	2,122.38	2,596.37	3,290.43	3,895.25	4,501.99
3 1/2	30.30	275.06	692.81	1,087.23	1,589.66	2,134.06	2,588.58	3,302.96	3,907.90	4,514.58
3 3/4	33.60	281.66	691.66	1,097.16	1,600.51	2,145.77	2,580.79	3,315.46	3,920.55	4,527.18
4	36.70	288.26	690.56	1,107.10	1,611.55	2,157.46	2,573.00	3,328.00	3,933.21	4,539.78
4 1/4	40.33	295.05	689.50	1,117.13	1,622.58	2,169.21	2,565.24	3,340.54	3,945.86	4,552.36
4 1/2	43.96	301.85	688.49	1,127.16	1,633.60	2,180.95	2,557.48	3,353.08	3,958.51	4,564.95
4 3/4	47.89	308.88	687.52	1,137.19	1,644.52	2,192.70	2,549.73	3,365.63	3,971.17	4,577.53
5	51.21	315.44	686.68	1,147.22	1,655.66	2,204.44	2,542.04	3,378.17	3,983.82	4,590.11
5 1/4	55.22	322.43	685.88	1,157.24	1,666.74	2,216.23	2,534.25	3,390.73	3,996.48	4,602.68
5 1/2	59.22	329.41	685.11	1,167.27	1,677.83	2,228.03	2,526.52	3,403.28	4,009.13	4,615.25
5 3/4	63.23	336.40	684.38	1,177.29	1,688.92	2,239.82	2,518.84	3,415.84	4,021.79	4,627.82
6	67.24	343.36	683.68	1,187.32	1,700.01	2,251.62	2,511.07	3,428.40	4,034.44	4,640.39
6 1/4	71.68	350.95	683.01	1,197.33	1,711.17	2,263.46	2,503.36	3,440.97	4,047.10	4,652.95
6 1/2	75.93	357.71	682.38	1,207.33	1,722.33	2,275.30	2,495.68	3,453.56	4,059.76	4,665.50
6 3/4	80.20	364.88	681.78	1,218.37	1,733.48	2,287.14	2,487.98	3,466.12	4,072.41	4,678.06
7	84.53	372.04	681.20	1,228.69	1,744.66	2,298.99	2,480.30	3,478.68	4,085.05	4,690.61
7 1/4	89.29	379.38	680.64	1,238.89	1,755.87	2,310.86	2,472.63	3,491.28	4,097.71	4,703.16
7 1/2	93.95	386.72	680.11	1,249.20	1,767.10	2,322.76	2,464.97	3,503.87	4,110.37	4,715.68
7 3/4	98.51	394.06	679.61	1,259.51	1,778.33	2,334.86	2,457.30	3,516.45	4,123.02	4,728.22
8	103.28	401.40	679.14	1,269.81	1,789.56	2,346.84	2,449.64	3,529.04	4,135.68	4,740.76
8 1/4	108.21	408.91	678.70	1,280.21	1,800.84	2,358.88	2,442.00	3,541.64	4,148.33	4,753.28
8 1/2	113.14	416.42	678.28	1,290.60	1,812.13	2,370.41	2,434.37	3,554.24	4,160.98	4,765.80
8 3/4	118.07	423.93	677.88	1,301.00	1,823.42	2,382.34	2,426.73	3,566.84	4,173.63	4,778.32
9	122.99	431.44	677.49	1,311.38	1,834.71	2,394.28	2,419.10	3,579.44	4,186.28	4,790.84
9 1/4	128.17	439.11	677.11	1,321.87	1,846.05	2,406.26	2,411.49	3,592.05	4,198.93	4,803.34
9 1/2	133.35	446.78	676.75	1,332.36	1,857.41	2,418.23	2,403.88	3,604.66	4,211.57	4,815.84
9 3/4	138.53	454.46	676.41	1,342.83	1,868.77	2,430.21	2,416.27	3,617.27	4,224.22	4,828.34
10	143.71	462.13	676.08	1,353.31	1,880.12	2,442.19	2,428.66	3,629.88	4,236.87	4,840.84
10 1/4	148.94	469.96	675.76	1,363.88	1,891.53	2,454.21	2,441.08	3,642.51	4,249.51	4,853.32
10 1/2	154.58	477.79	675.46	1,374.44	1,902.98	2,466.23	2,453.49	3,655.13	4,262.16	4,865.80
10 3/4	160.01	485.62	675.16	1,385.01	1,914.36	2,478.28	2,465.91	3,667.76	4,274.79	4,878.28
11	165.45	493.48	674.88	1,395.67	1,925.77	2,490.27	2,478.32	3,680.37	4,287.43	4,890.76
11 1/4	171.13	501.44	674.61	1,406.21	1,937.24	2,502.33	2,490.77	3,692.99	4,300.07	4,903.22
11 1/2	176.81	509.42	674.36	1,416.86	1,948.72	2,514.39	2,503.21	3,705.63	4,312.70	4,915.67
11 3/4	182.49	517.41	674.11	1,427.58	1,960.19	2,526.46	2,515.65	3,718.28	4,325.34	4,928.13

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 23.E

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAUGE GAUGES.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CI 1604"

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	4,940.59	0	5,529.79	0	6,096.06	0	6,628.76	0	7,116.21	0	7,538.88	0	7,874.39	0					
1	4,953.02	104	5,541.84	104	6,107.52	104	6,639.38	104	7,124.70	104	7,546.83	104	7,880.06	104					
2	4,965.46	102	5,553.89	102	6,119.99	102	6,650.00	102	7,134.19	102	7,554.77	102	7,886.74	102					
3	4,977.89	100	5,566.94	100	6,130.43	100	6,660.63	100	7,143.69	100	7,562.72	100	7,891.41	100					
4	4,990.33	98	5,577.99	98	6,141.89	98	6,671.25	98	7,153.18	98	7,570.66	98	7,897.08	98					
5	5,002.74	104	5,590.00	104	6,153.29	104	6,681.80	104	7,162.66	104	7,578.46	104	7,902.51	104					
6	5,015.16	102	5,602.01	102	6,164.69	102	6,692.34	102	7,171.95	102	7,586.26	102	7,907.93	102					
7	5,027.56	100	5,614.02	100	6,176.09	100	6,702.88	100	7,181.33	100	7,594.04	100	7,913.36	100					
8	5,039.97	98	5,626.03	98	6,187.48	98	6,713.43	98	7,190.71	98	7,601.83	98	7,918.78	98					
9	5,052.38	104	5,638.00	104	6,198.82	104	6,723.89	104	7,199.99	104	7,609.46	104	7,923.94	104					
10	5,064.74	102	5,649.97	102	6,210.16	102	6,734.34	102	7,209.26	102	7,617.10	102	7,929.10	102					
11	5,077.12	100	5,661.93	100	6,221.49	100	6,744.80	100	7,218.52	100	7,624.73	100	7,934.27	100					
12	5,089.51	98	5,673.90	98	6,232.83	98	6,755.26	98	7,227.79	98	7,632.36	98	7,939.43	98					
13	5,101.86	104	5,685.82	104	6,244.11	104	6,765.63	104	7,236.94	104	7,639.83	104	7,944.31	104					
14	5,114.22	102	5,697.75	102	6,255.38	102	6,776.01	102	7,246.09	102	7,647.29	102	7,949.20	102					
15	5,126.58	100	5,709.67	100	6,266.66	100	6,786.38	100	7,256.24	100	7,654.76	100	7,954.08	100					
16	5,138.93	98	5,721.59	98	6,277.93	98	6,796.75	98	7,264.40	98	7,662.23	98	7,958.97	98					
17	5,151.26	104	5,733.47	104	6,289.14	104	6,807.04	104	7,273.43	104	7,669.53	104	7,963.86	104					
18	5,163.59	102	5,745.35	102	6,300.36	102	6,817.32	102	7,282.46	102	7,676.82	102	7,968.74	102					
19	5,175.92	100	5,757.22	100	6,311.55	100	6,827.61	100	7,291.49	100	7,684.12	100	7,973.62	100					
20	5,188.26	98	5,769.10	98	6,322.76	98	6,837.89	98	7,300.53	98	7,691.42	98	7,978.51	98					
21	5,200.56	104	5,780.93	104	6,333.91	104	6,848.09	104	7,309.54	104	7,698.74	104	7,983.40	104					
22	5,212.85	102	5,792.76	102	6,345.05	102	6,858.28	102	7,318.36	102	7,705.86	102	7,988.28	102					
23	5,225.14	100	5,804.59	100	6,356.19	100	6,868.48	100	7,327.28	100	7,712.78	100	7,993.16	100					
24	5,237.44	98	5,816.42	98	6,367.33	98	6,878.67	98	7,336.17	98	7,719.90	98	7,998.04	98					
25	5,249.71	104	5,828.20	104	6,378.41	104	6,888.77	104	7,344.95	104	7,726.84	104	8,002.92	104					
26	5,261.98	102	5,839.99	102	6,389.48	102	6,898.87	102	7,353.73	102	7,733.78	102	8,007.80	102					
27	5,274.25	100	5,851.77	100	6,400.56	100	6,908.98	100	7,362.62	100	7,740.71	100	8,012.68	100					
28	5,286.51	98	5,863.56	98	6,411.63	98	6,919.08	98	7,371.30	98	7,747.65	98	8,017.56	98					
29	5,298.78	104	5,875.28	104	6,422.63	104	6,929.08	104	7,379.96	104	7,754.40	104	8,022.44	104					
30	5,310.98	102	5,887.01	102	6,433.54	102	6,939.09	102	7,388.61	102	7,761.16	102	8,027.32	102					
31	5,323.22	100	5,898.75	100	6,444.64	100	6,948.10	100	7,397.26	100	7,767.90	100	8,032.20	100					
32	5,335.46	98	5,910.48	98	6,455.65	98	6,959.10	98	7,406.92	98	7,774.65	98	8,037.08	98					
33	5,347.66	104	5,922.16	104	6,466.68	104	6,969.01	104	7,414.44	104	7,781.20	104	8,041.96	104					
34	5,359.88	102	5,933.84	102	6,477.61	102	6,978.92	102	7,422.96	102	7,787.76	102	8,046.84	102					
35	5,372.05	100	5,945.52	100	6,488.44	100	6,988.83	100	7,431.48	100	7,794.30	100	8,051.72	100					
36	5,384.26	98	5,957.20	98	6,499.37	98	6,998.74	98	7,440.00	98	7,800.86	98	8,056.60	98					
37	5,396.42	104	5,968.83	104	6,510.23	104	7,008.55	104	7,448.38	104	7,807.20	104	8,061.48	104					
38	5,408.59	102	5,980.45	102	6,521.09	102	7,018.36	102	7,456.76	102	7,813.64	102	8,066.36	102					
39	5,420.76	100	5,992.08	100	6,531.96	100	7,028.17	100	7,465.14	100	7,819.89	100	8,071.24	100					
40	5,432.92	98	6,003.71	98	6,542.81	98	7,037.88	98	7,473.53	98	7,826.24	98	8,076.12	98					
41	5,445.04	104	6,015.28	104	6,553.59	104	7,047.48	104	7,481.77	104	7,832.37	104	8,081.00	104					
42	5,457.17	102	6,026.86	102	6,564.37	102	7,057.39	102	7,490.01	102	7,838.60	102	8,085.88	102					
43	5,469.30	100	6,038.42	100	6,575.16	100	7,067.09	100	7,498.25	100	7,844.63	100	8,090.76	100					
44	5,481.43	98	6,050.00	98	6,586.94	98	7,076.80	98	7,506.49	98	7,850.76	98	8,095.64	98					
45	5,493.52	104	6,061.51	104	6,598.64	104	7,086.40	104	7,514.59	104	7,856.67	104	8,100.52	104					
46	5,505.61	102	6,073.03	102	6,607.34	102	7,096.00	102	7,522.89	102	7,862.60	102	8,105.40	102					
47	5,517.70	100	6,084.54	100	6,618.06	100	7,106.60	100	7,530.78	100	7,868.49	100	8,110.28	100					

STRAPPED: 06/17/2011 CL - SW
CALCULATED: 06/17/2011 CL
PRINTED: 06/17/2011 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/20/11

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY
PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "CI 1604"

STBD HORIZONTAL

INNAGE TABLE BERGAN GAUGE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

Table with 17 columns (0 FT. to 9 FT.) and multiple rows of capacity data.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.E. 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 2882 President, Texas 77468 http://www.pmtcorp.net

Signature of representative



BARGE "CI 1604"

STBD
HORIZONTAL
INNAGE TABLE
BERGAN GAUGE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

Table with columns for depth (10 FT. to 19 FT.) and corresponding capacity values in barrels. Includes a grid of numbers for each depth interval.

STRAPPED: 06/11/2011 CL - SW
CALCULATED: 06/11/2011 CL
PRINTED: 06/11/2011 CL
CANCELS AND SUPERCEDES ALL PRIOR TO 06/29/11
CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY
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B. ANALYSIS, INC.
P.O. Box 5992
Pasadena, Texas 77666
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Signature