

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	14.48	0	269.38	0	572.65	0	883.46	0	1,194.21	0	1,505.10	0	1,816.00	0	2,126.89	0	2,437.79	0	2,748.69
1/4	17.74	1/4	275.37	1/4	579.13	1/4	889.93	1/4	1,200.68	1/4	1,511.58	1/4	1,822.48	1/4	2,133.37	1/4	2,444.27	1/4	2,755.16
1/2	21.01	1/2	281.35	1/2	585.60	1/2	896.40	1/2	1,207.16	1/2	1,518.06	1/2	1,828.95	1/2	2,139.85	1/2	2,450.74	1/2	2,761.64
3/4	24.28	3/4	287.34	3/4	592.08	3/4	902.87	3/4	1,213.64	3/4	1,524.53	3/4	1,835.43	3/4	2,146.33	3/4	2,457.22	3/4	2,768.12
1	27.54	1	293.33	1	598.56	1	909.34	1	1,220.11	1	1,531.01	1	1,841.91	1	2,152.80	1	2,463.70	1	2,774.59
1/4	32.12	1/4	299.39	1/4	605.03	1/4	915.81	1/4	1,226.59	1/4	1,537.49	1/4	1,848.38	1/4	2,159.28	1/4	2,470.18	1/4	2,781.07
1/2	36.69	1/2	305.45	1/2	611.51	1/2	922.29	1/2	1,233.07	1/2	1,543.96	1/2	1,854.86	1/2	2,165.76	1/2	2,476.65	1/2	2,787.55
3/4	41.26	3/4	311.51	3/4	617.99	3/4	928.76	3/4	1,239.55	3/4	1,550.44	3/4	1,861.34	3/4	2,172.23	3/4	2,483.13	3/4	2,794.03
2	45.83	2	317.57	2	624.46	2	935.23	2	1,246.02	2	1,556.92	2	1,867.81	2	2,178.71	2	2,489.61	2	2,800.50
1/4	51.10	1/4	323.70	1/4	630.94	1/4	941.70	1/4	1,252.50	1/4	1,563.40	1/4	1,874.29	1/4	2,185.19	1/4	2,496.08	1/4	2,806.98
1/2	56.36	1/2	329.83	1/2	637.42	1/2	948.17	1/2	1,258.98	1/2	1,569.87	1/2	1,880.77	1/2	2,191.66	1/2	2,502.56	1/2	2,813.46
3/4	61.62	3/4	335.97	3/4	643.89	3/4	954.64	3/4	1,265.45	3/4	1,576.35	3/4	1,887.25	3/4	2,198.14	3/4	2,509.04	3/4	2,819.93
3	66.88	3	342.10	3	650.37	3	961.12	3	1,271.93	3	1,582.83	3	1,893.72	3	2,204.62	3	2,515.51	3	2,826.41
1/4	72.22	1/4	348.30	1/4	656.85	1/4	967.59	1/4	1,278.41	1/4	1,589.30	1/4	1,900.20	1/4	2,211.10	1/4	2,521.99	1/4	2,832.89
1/2	77.55	1/2	354.51	1/2	663.32	1/2	974.06	1/2	1,284.88	1/2	1,595.78	1/2	1,906.68	1/2	2,217.57	1/2	2,528.47	1/2	2,839.36
3/4	82.89	3/4	360.71	3/4	669.80	3/4	980.53	3/4	1,291.36	3/4	1,602.26	3/4	1,913.15	3/4	2,224.05	3/4	2,534.95	3/4	2,845.84
4	88.22	4	366.92	4	676.28	4	987.00	4	1,297.84	4	1,608.73	4	1,919.63	4	2,230.53	4	2,541.42	4	2,852.32
1/4	93.63	1/4	373.19	1/4	682.75	1/4	993.48	1/4	1,304.32	1/4	1,615.21	1/4	1,926.11	1/4	2,237.00	1/4	2,547.90	1/4	2,858.80
1/2	99.04	1/2	379.47	1/2	689.23	1/2	999.95	1/2	1,310.79	1/2	1,621.69	1/2	1,932.58	1/2	2,243.48	1/2	2,554.38	1/2	2,865.27
3/4	104.45	3/4	385.75	3/4	695.70	3/4	1,006.42	3/4	1,317.27	3/4	1,628.17	3/4	1,939.06	3/4	2,249.96	3/4	2,560.85	3/4	2,871.75
5	109.85	5	392.03	5	702.18	5	1,012.89	5	1,323.75	5	1,634.64	5	1,945.54	5	2,256.43	5	2,567.33	5	2,878.23
1/4	115.33	1/4	398.38	1/4	708.65	1/4	1,019.36	1/4	1,330.22	1/4	1,641.12	1/4	1,952.02	1/4	2,262.91	1/4	2,573.81	1/4	2,884.70
1/2	120.81	1/2	404.73	1/2	715.13	1/2	1,025.83	1/2	1,336.70	1/2	1,647.60	1/2	1,958.49	1/2	2,269.39	1/2	2,580.28	1/2	2,891.18
3/4	126.29	3/4	411.08	3/4	721.60	3/4	1,032.31	3/4	1,343.18	3/4	1,654.07	3/4	1,964.97	3/4	2,275.87	3/4	2,586.76	3/4	2,897.66
6	131.77	6	417.43	6	728.08	6	1,038.78	6	1,349.65	6	1,660.55	6	1,971.45	6	2,282.34	6	2,593.24	6	2,904.13
1/4	137.32	1/4	423.85	1/4	734.55	1/4	1,045.25	1/4	1,356.13	1/4	1,667.03	1/4	1,977.92	1/4	2,288.82	1/4	2,599.72	1/4	2,910.61
1/2	142.88	1/2	430.27	1/2	741.03	1/2	1,051.73	1/2	1,362.61	1/2	1,673.50	1/2	1,984.40	1/2	2,295.30	1/2	2,606.19	1/2	2,917.09
3/4	148.43	3/4	436.69	3/4	747.50	3/4	1,058.20	3/4	1,369.09	3/4	1,679.98	3/4	1,990.88	3/4	2,301.77	3/4	2,612.67	3/4	2,923.57
7	153.98	7	443.11	7	753.98	7	1,064.68	7	1,375.56	7	1,686.46	7	1,997.35	7	2,308.25	7	2,619.15	7	2,930.04
1/4	159.61	1/4	449.59	1/4	760.45	1/4	1,071.15	1/4	1,382.04	1/4	1,692.94	1/4	2,003.83	1/4	2,314.73	1/4	2,625.62	1/4	2,936.52
1/2	165.23	1/2	456.07	1/2	766.93	1/2	1,077.63	1/2	1,388.52	1/2	1,699.41	1/2	2,010.31	1/2	2,321.20	1/2	2,632.10	1/2	2,943.00
3/4	170.86	3/4	462.54	3/4	773.40	3/4	1,084.10	3/4	1,394.99	3/4	1,705.89	3/4	2,016.79	3/4	2,327.68	3/4	2,638.58	3/4	2,949.47
8	176.48	8	469.02	8	779.88	8	1,090.57	8	1,401.47	8	1,712.37	8	2,023.26	8	2,334.16	8	2,645.05	8	2,955.95
1/4	182.18	1/4	475.50	1/4	786.35	1/4	1,097.05	1/4	1,407.95	1/4	1,718.84	1/4	2,029.74	1/4	2,340.64	1/4	2,651.53	1/4	2,962.43
1/2	187.88	1/2	481.97	1/2	792.83	1/2	1,103.53	1/2	1,414.42	1/2	1,725.32	1/2	2,036.22	1/2	2,347.11	1/2	2,658.01	1/2	2,968.90
3/4	193.57	3/4	488.45	3/4	799.30	3/4	1,110.01	3/4	1,420.90	3/4	1,731.80	3/4	2,042.69	3/4	2,353.59	3/4	2,664.49	3/4	2,975.38
9	199.27	9	494.93	9	805.78	9	1,116.48	9	1,427.38	9	1,738.27	9	2,049.17	9	2,360.07	9	2,670.96	9	2,981.86
1/4	205.04	1/4	501.40	1/4	812.26	1/4	1,122.96	1/4	1,433.86	1/4	1,744.75	1/4	2,055.65	1/4	2,366.54	1/4	2,677.44	1/4	2,988.34
1/2	210.81	1/2	507.88	1/2	818.73	1/2	1,129.44	1/2	1,440.33	1/2	1,751.23	1/2	2,062.12	1/2	2,373.02	1/2	2,683.92	1/2	2,994.81
3/4	216.58	3/4	514.36	3/4	825.21	3/4	1,135.91	3/4	1,446.81	3/4	1,757.71	3/4	2,068.60	3/4	2,379.50	3/4	2,690.39	3/4	3,001.29
10	222.35	10	520.84	10	831.68	10	1,142.39	10	1,453.29	10	1,764.18	10	2,075.08	10	2,385.97	10	2,696.87	10	3,007.77
1/4	228.19	1/4	527.31	1/4	838.15	1/4	1,148.87	1/4	1,459.76	1/4	1,770.66	1/4	2,081.56	1/4	2,392.45	1/4	2,703.35	1/4	3,014.24
1/2	234.04	1/2	533.79	1/2	844.62	1/2	1,155.34	1/2	1,466.24	1/2	1,777.14	1/2	2,088.03	1/2	2,398.93	1/2	2,709.82	1/2	3,020.72
3/4	239.88	3/4	540.27	3/4	851.10	3/4	1,161.82	3/4	1,472.72	3/4	1,783.61	3/4	2,094.51	3/4	2,405.41	3/4	2,716.30	3/4	3,027.20
11	245.72	11	546.74	11	857.57	11	1,168.30	11	1,479.19	11	1,790.09	11	2,100.99	11	2,411.88	11	2,722.78	11	3,033.67
1/4	251.64	1/4	553.22	1/4	864.04	1/4	1,174.78	1/4	1,485.67	1/4	1,796.57	1/4	2,107.46	1/4	2,418.36	1/4	2,729.26	1/4	3,040.15
1/2	257.55	1/2	559.70	1/2	870.51	1/2	1,181.25	1/2	1,492.15	1/2	1,803.04	1/2	2,113.94	1/2	2,424.84	1/2	2,735.73	1/2	3,046.63
3/4	263.46	3/4	566.17	3/4	876.98	3/4	1,187.73	3/4	1,498.63	3/4	1,809.52	3/4	2,120.42	3/4	2,431.31	3/4	2,742.21	3/4	3,053.11

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

NOTE: CAPACITY TABLE APPLIES ONLY TO INNAGE GAUGES OBTAINED BY MANUAL GAUGING AT TOP LIP OF MMC VALVE.

NOTE: GAUGE POINT IS LOCATED NEAR LONGITUDINAL CENTER OF TANK - CORRECTION FOR TRIM NOT REQUIRED.

NOTE: FOR GREATER ACCURACY, BARGE SHOULD BE UPRIGHT AND ON EVEN KEEL.

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

**INTERTEK CALEB BRETT**

DATE STRAPPED: 8/19/08 BY: JF  
 DATE COMPUTED: 8/25/08 BY: WHF  
 DATE ISSUED: 8/25/08

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	3,059.58	0	3,370.48	0	3,681.37	0	3,992.27	0	4,303.17	0	4,549.29	0		0		0		0	
1/4	3,066.06	1/4	3,376.96	1/4	3,687.85	1/4	3,998.75	1/4	4,309.64	1/4		1/4		1/4		1/4		1/4	
1/2	3,072.54	1/2	3,383.43	1/2	3,694.33	1/2	4,005.22	1/2	4,316.12	1/2		1/2		1/2		1/2		1/2	
3/4	3,079.01	3/4	3,389.91	3/4	3,700.81	3/4	4,011.70	3/4	4,322.60	3/4		3/4		3/4		3/4		3/4	
1	3,085.49	1	3,396.39	1	3,707.28	1	4,018.18	1	4,329.07	1		1		1		1		1	
1/4	3,091.97	1/4	3,402.86	1/4	3,713.76	1/4	4,024.66	1/4	4,335.55	1/4		1/4		1/4		1/4		1/4	
1/2	3,098.44	1/2	3,409.34	1/2	3,720.24	1/2	4,031.13	1/2	4,342.03	1/2		1/2		1/2		1/2		1/2	
3/4	3,104.92	3/4	3,415.82	3/4	3,726.71	3/4	4,037.61	3/4	4,348.51	3/4		3/4		3/4		3/4		3/4	
2	3,111.40	2	3,422.29	2	3,733.19	2	4,044.09	2	4,354.98	2		2		2		2		2	
1/4	3,117.88	1/4	3,428.77	1/4	3,739.67	1/4	4,050.56	1/4	4,361.46	1/4		1/4		1/4		1/4		1/4	
1/2	3,124.35	1/2	3,435.25	1/2	3,746.14	1/2	4,057.04	1/2	4,367.94	1/2		1/2		1/2		1/2		1/2	
3/4	3,130.83	3/4	3,441.73	3/4	3,752.62	3/4	4,063.52	3/4	4,374.41	3/4		3/4		3/4		3/4		3/4	
3	3,137.31	3	3,448.20	3	3,759.10	3	4,069.99	3	4,380.89	3		3		3		3		3	
1/4	3,143.78	1/4	3,454.68	1/4	3,765.58	1/4	4,076.47	1/4	4,387.37	1/4		1/4		1/4		1/4		1/4	
1/2	3,150.26	1/2	3,461.16	1/2	3,772.05	1/2	4,082.95	1/2	4,393.84	1/2		1/2		1/2		1/2		1/2	
3/4	3,156.74	3/4	3,467.63	3/4	3,778.53	3/4	4,089.43	3/4	4,400.32	3/4		3/4		3/4		3/4		3/4	
4	3,163.21	4	3,474.11	4	3,785.01	4	4,095.90	4	4,406.80	4		4		4		4		4	
1/4	3,169.69	1/4	3,480.59	1/4	3,791.48	1/4	4,102.38	1/4	4,413.28	1/4		1/4		1/4		1/4		1/4	
1/2	3,176.17	1/2	3,487.06	1/2	3,797.96	1/2	4,108.86	1/2	4,419.75	1/2		1/2		1/2		1/2		1/2	
3/4	3,182.65	3/4	3,493.54	3/4	3,804.44	3/4	4,115.33	3/4	4,426.23	3/4		3/4		3/4		3/4		3/4	
5	3,189.12	5	3,500.02	5	3,810.91	5	4,121.81	5	4,432.71	5		5		5		5		5	
1/4	3,195.60	1/4	3,506.50	1/4	3,817.39	1/4	4,128.29	1/4	4,439.18	1/4		1/4		1/4		1/4		1/4	
1/2	3,202.08	1/2	3,512.97	1/2	3,823.87	1/2	4,134.76	1/2	4,445.66	1/2		1/2		1/2		1/2		1/2	
3/4	3,208.55	3/4	3,519.45	3/4	3,830.35	3/4	4,141.24	3/4	4,452.14	3/4		3/4		3/4		3/4		3/4	
6	3,215.03	6	3,525.93	6	3,836.82	6	4,147.72	6	4,458.61	6		6		6		6		6	
1/4	3,221.51	1/4	3,532.40	1/4	3,843.30	1/4	4,154.20	1/4	4,465.09	1/4		1/4		1/4		1/4		1/4	
1/2	3,227.98	1/2	3,538.88	1/2	3,849.78	1/2	4,160.67	1/2	4,471.57	1/2		1/2		1/2		1/2		1/2	
3/4	3,234.46	3/4	3,545.36	3/4	3,856.25	3/4	4,167.15	3/4	4,478.05	3/4		3/4		3/4		3/4		3/4	
7	3,240.94	7	3,551.83	7	3,862.73	7	4,173.63	7	4,484.52	7		7		7		7		7	
1/4	3,247.42	1/4	3,558.31	1/4	3,869.21	1/4	4,180.10	1/4	4,489.92	1/4		1/4		1/4		1/4		1/4	
1/2	3,253.89	1/2	3,564.79	1/2	3,875.68	1/2	4,186.58	1/2	4,495.32	1/2		1/2		1/2		1/2		1/2	
3/4	3,260.37	3/4	3,571.27	3/4	3,882.16	3/4	4,193.06	3/4	4,500.71	3/4		3/4		3/4		3/4		3/4	
8	3,266.85	8	3,577.74	8	3,888.64	8	4,199.53	8	4,506.11	8		8		8		8		8	
1/4	3,273.32	1/4	3,584.22	1/4	3,895.12	1/4	4,206.01	1/4	4,510.43	1/4		1/4		1/4		1/4		1/4	
1/2	3,279.80	1/2	3,590.70	1/2	3,901.59	1/2	4,212.49	1/2	4,514.75	1/2		1/2		1/2		1/2		1/2	
3/4	3,286.28	3/4	3,597.17	3/4	3,908.07	3/4	4,218.97	3/4	4,519.07	3/4		3/4		3/4		3/4		3/4	
9	3,292.75	9	3,603.65	9	3,914.55	9	4,225.44	9	4,523.38	9		9		9		9		9	
1/4	3,299.23	1/4	3,610.13	1/4	3,921.02	1/4	4,231.92	1/4	4,526.62	1/4		1/4		1/4		1/4		1/4	
1/2	3,305.71	1/2	3,616.60	1/2	3,927.50	1/2	4,238.40	1/2	4,529.86	1/2		1/2		1/2		1/2		1/2	
3/4	3,312.19	3/4	3,623.08	3/4	3,933.98	3/4	4,244.87	3/4	4,533.10	3/4		3/4		3/4		3/4		3/4	
10	3,318.66	10	3,629.56	10	3,940.45	10	4,251.35	10	4,536.34	10		10		10		10		10	
1/4	3,325.14	1/4	3,636.04	1/4	3,946.93	1/4	4,257.83	1/4	4,538.50	1/4		1/4		1/4		1/4		1/4	
1/2	3,331.62	1/2	3,642.51	1/2	3,953.41	1/2	4,264.30	1/2	4,540.66	1/2		1/2		1/2		1/2		1/2	
3/4	3,338.09	3/4	3,648.99	3/4	3,959.89	3/4	4,270.78	3/4	4,542.81	3/4		3/4		3/4		3/4		3/4	
11	3,344.57	11	3,655.47	11	3,966.36	11	4,277.26	11	4,544.97	11		11		11		11		11	
1/4	3,351.05	1/4	3,661.94	1/4	3,972.84	1/4	4,283.74	1/4	4,546.05	1/4		1/4		1/4		1/4		1/4	
1/2	3,357.52	1/2	3,668.42	1/2	3,979.32	1/2	4,290.21	1/2	4,547.13	1/2		1/2		1/2		1/2		1/2	
3/4	3,364.00	3/4	3,674.90	3/4	3,985.79	3/4	4,296.69	3/4	4,548.21	3/4		3/4		3/4		3/4		3/4	

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**INTERTEK CALEB BRETT**



DATE STRAPPED: 8/19/08 BY: JF  
DATE COMPUTED: 8/25/08 BY: WHF  
DATE ISSUED: 8/25/08

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	14.48	0	269.38	0	572.65	0	883.46	0	1,194.21	0	1,505.10	0	1,816.00	0	2,126.89	0	2,437.79	0	2,748.69
1/4	17.74	1/4	275.37	1/4	579.13	1/4	889.93	1/4	1,200.68	1/4	1,511.58	1/4	1,822.48	1/4	2,133.37	1/4	2,444.27	1/4	2,755.16
1/2	21.01	1/2	281.35	1/2	585.60	1/2	896.40	1/2	1,207.16	1/2	1,518.06	1/2	1,828.95	1/2	2,139.85	1/2	2,450.74	1/2	2,761.64
3/4	24.28	3/4	287.34	3/4	592.08	3/4	902.87	3/4	1,213.64	3/4	1,524.53	3/4	1,835.43	3/4	2,146.33	3/4	2,457.22	3/4	2,768.12
1	27.54	1	293.33	1	598.56	1	909.34	1	1,220.11	1	1,531.01	1	1,841.91	1	2,152.80	1	2,463.70	1	2,774.59
1/4	32.12	1/4	299.39	1/4	605.03	1/4	915.81	1/4	1,226.59	1/4	1,537.49	1/4	1,848.38	1/4	2,159.28	1/4	2,470.18	1/4	2,781.07
1/2	36.69	1/2	305.45	1/2	611.51	1/2	922.29	1/2	1,233.07	1/2	1,543.96	1/2	1,854.86	1/2	2,165.76	1/2	2,476.65	1/2	2,787.55
3/4	41.26	3/4	311.51	3/4	617.99	3/4	928.76	3/4	1,239.55	3/4	1,550.44	3/4	1,861.34	3/4	2,172.23	3/4	2,483.13	3/4	2,794.03
2	45.83	2	317.57	2	624.46	2	935.23	2	1,246.02	2	1,556.92	2	1,867.81	2	2,178.71	2	2,489.61	2	2,800.50
1/4	51.10	1/4	323.70	1/4	630.94	1/4	941.70	1/4	1,252.50	1/4	1,563.40	1/4	1,874.29	1/4	2,185.19	1/4	2,496.08	1/4	2,806.98
1/2	56.36	1/2	329.83	1/2	637.42	1/2	948.17	1/2	1,258.98	1/2	1,569.87	1/2	1,880.77	1/2	2,191.66	1/2	2,502.56	1/2	2,813.46
3/4	61.62	3/4	335.97	3/4	643.89	3/4	954.64	3/4	1,265.45	3/4	1,576.35	3/4	1,887.25	3/4	2,198.14	3/4	2,509.04	3/4	2,819.93
3	66.88	3	342.10	3	650.37	3	961.12	3	1,271.93	3	1,582.83	3	1,893.72	3	2,204.62	3	2,515.51	3	2,826.41
1/4	72.22	1/4	348.30	1/4	656.85	1/4	967.59	1/4	1,278.41	1/4	1,589.30	1/4	1,900.20	1/4	2,211.10	1/4	2,521.99	1/4	2,832.89
1/2	77.55	1/2	354.51	1/2	663.32	1/2	974.06	1/2	1,284.88	1/2	1,595.78	1/2	1,906.68	1/2	2,217.57	1/2	2,528.47	1/2	2,839.36
3/4	82.89	3/4	360.71	3/4	669.80	3/4	980.53	3/4	1,291.36	3/4	1,602.26	3/4	1,913.15	3/4	2,224.05	3/4	2,534.95	3/4	2,845.84
4	88.22	4	366.92	4	676.28	4	987.00	4	1,297.84	4	1,608.73	4	1,919.63	4	2,230.53	4	2,541.42	4	2,852.32
1/4	93.63	1/4	373.19	1/4	682.75	1/4	993.48	1/4	1,304.32	1/4	1,615.21	1/4	1,926.11	1/4	2,237.00	1/4	2,547.90	1/4	2,858.80
1/2	99.04	1/2	379.47	1/2	689.23	1/2	999.95	1/2	1,310.79	1/2	1,621.69	1/2	1,932.58	1/2	2,243.48	1/2	2,554.38	1/2	2,865.27
3/4	104.45	3/4	385.75	3/4	695.70	3/4	1,006.42	3/4	1,317.27	3/4	1,628.17	3/4	1,939.06	3/4	2,249.96	3/4	2,560.85	3/4	2,871.75
5	109.85	5	392.03	5	702.18	5	1,012.89	5	1,323.75	5	1,634.64	5	1,945.54	5	2,256.43	5	2,567.33	5	2,878.23
1/4	115.33	1/4	398.38	1/4	708.65	1/4	1,019.36	1/4	1,330.22	1/4	1,641.12	1/4	1,952.02	1/4	2,262.91	1/4	2,573.81	1/4	2,884.70
1/2	120.81	1/2	404.73	1/2	715.13	1/2	1,025.83	1/2	1,336.70	1/2	1,647.60	1/2	1,958.49	1/2	2,269.39	1/2	2,580.28	1/2	2,891.18
3/4	126.29	3/4	411.08	3/4	721.60	3/4	1,032.31	3/4	1,343.18	3/4	1,654.07	3/4	1,964.97	3/4	2,275.87	3/4	2,586.76	3/4	2,897.66
6	131.77	6	417.43	6	728.08	6	1,038.78	6	1,349.65	6	1,660.55	6	1,971.45	6	2,282.34	6	2,593.24	6	2,904.13
1/4	137.32	1/4	423.85	1/4	734.55	1/4	1,045.25	1/4	1,356.13	1/4	1,667.03	1/4	1,977.92	1/4	2,288.82	1/4	2,599.72	1/4	2,910.61
1/2	142.88	1/2	430.27	1/2	741.03	1/2	1,051.73	1/2	1,362.61	1/2	1,673.50	1/2	1,984.40	1/2	2,295.30	1/2	2,606.19	1/2	2,917.09
3/4	148.43	3/4	436.69	3/4	747.50	3/4	1,058.20	3/4	1,369.09	3/4	1,679.98	3/4	1,990.88	3/4	2,301.77	3/4	2,612.67	3/4	2,923.57
7	153.98	7	443.11	7	753.98	7	1,064.68	7	1,375.56	7	1,686.46	7	1,997.35	7	2,308.25	7	2,619.15	7	2,930.04
1/4	159.61	1/4	449.59	1/4	760.45	1/4	1,071.15	1/4	1,382.04	1/4	1,692.94	1/4	2,003.83	1/4	2,314.73	1/4	2,625.62	1/4	2,936.52
1/2	165.23	1/2	456.07	1/2	766.93	1/2	1,077.63	1/2	1,388.52	1/2	1,699.41	1/2	2,010.31	1/2	2,321.20	1/2	2,632.10	1/2	2,943.00
3/4	170.86	3/4	462.54	3/4	773.40	3/4	1,084.10	3/4	1,394.99	3/4	1,705.89	3/4	2,016.79	3/4	2,327.68	3/4	2,638.58	3/4	2,949.47
8	176.48	8	469.02	8	779.88	8	1,090.57	8	1,401.47	8	1,712.37	8	2,023.26	8	2,334.16	8	2,645.05	8	2,955.95
1/4	182.18	1/4	475.50	1/4	786.35	1/4	1,097.05	1/4	1,407.95	1/4	1,718.84	1/4	2,029.74	1/4	2,340.64	1/4	2,651.53	1/4	2,962.43
1/2	187.88	1/2	481.97	1/2	792.83	1/2	1,103.53	1/2	1,414.42	1/2	1,725.32	1/2	2,036.22	1/2	2,347.11	1/2	2,658.01	1/2	2,968.90
3/4	193.57	3/4	488.45	3/4	799.30	3/4	1,110.01	3/4	1,420.90	3/4	1,731.80	3/4	2,042.69	3/4	2,353.59	3/4	2,664.49	3/4	2,975.38
9	199.27	9	494.93	9	805.78	9	1,116.48	9	1,427.38	9	1,738.27	9	2,049.17	9	2,360.07	9	2,670.96	9	2,981.86
1/4	205.04	1/4	501.40	1/4	812.26	1/4	1,122.96	1/4	1,433.86	1/4	1,744.75	1/4	2,055.65	1/4	2,366.54	1/4	2,677.44	1/4	2,988.34
1/2	210.81	1/2	507.88	1/2	818.73	1/2	1,129.44	1/2	1,440.33	1/2	1,751.23	1/2	2,062.12	1/2	2,373.02	1/2	2,683.92	1/2	2,994.81
3/4	216.58	3/4	514.36	3/4	825.21	3/4	1,135.91	3/4	1,446.81	3/4	1,757.71	3/4	2,068.60	3/4	2,379.50	3/4	2,690.39	3/4	3,001.29
10	222.35	10	520.84	10	831.68	10	1,142.39	10	1,453.29	10	1,764.18	10	2,075.08	10	2,385.97	10	2,696.87	10	3,007.77
1/4	228.19	1/4	527.31	1/4	838.15	1/4	1,148.87	1/4	1,459.76	1/4	1,770.66	1/4	2,081.56	1/4	2,392.45	1/4	2,703.35	1/4	3,014.24
1/2	234.04	1/2	533.79	1/2	844.62	1/2	1,155.34	1/2	1,466.24	1/2	1,777.14	1/2	2,088.03	1/2	2,398.93	1/2	2,709.82	1/2	3,020.72
3/4	239.88	3/4	540.27	3/4	851.10	3/4	1,161.82	3/4	1,472.72	3/4	1,783.61	3/4	2,094.51	3/4	2,405.41	3/4	2,716.30	3/4	3,027.20
11	245.72	11	546.74	11	857.57	11	1,168.30	11	1,479.19	11	1,790.09	11	2,100.99	11	2,411.88	11	2,722.78	11	3,033.67
1/4	251.64	1/4	553.22	1/4	864.04	1/4	1,174.78	1/4	1,485.67	1/4	1,796.57	1/4	2,107.46	1/4	2,418.36	1/4	2,729.26	1/4	3,040.15
1/2	257.55	1/2	559.70	1/2	870.51	1/2	1,181.25	1/2	1,492.15	1/2	1,803.04	1/2	2,113.94	1/2	2,424.84	1/2	2,735.73	1/2	3,046.63
3/4	263.46	3/4	566.17	3/4	876.98	3/4	1,187.73	3/4	1,498.63	3/4	1,809.52	3/4	2,120.42	3/4	2,431.31	3/4	2,742.21	3/4	3,053.11

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

NOTE: CAPACITY TABLE APPLIES ONLY TO INNAGE GAUGES OBTAINED BY MANUAL GAUGING AT TOP LIP OF MMC VALVE.

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**INTERTEK CALEB BRETT**



DATE STRAPPED: 8/19/08 BY: JF  
 DATE COMPUTED: 8/25/08 BY: WHF  
 DATE ISSUED: 8/25/08

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	3,059.58	0	3,370.48	0	3,681.37	0	3,992.27	0	4,303.17	0	4,549.29	0		0		0		0	
1/4	3,066.06	1/4	3,376.96	1/4	3,687.85	1/4	3,998.75	1/4	4,309.64	1/4		1/4		1/4		1/4		1/4	
1/2	3,072.54	1/2	3,383.43	1/2	3,694.33	1/2	4,005.22	1/2	4,316.12	1/2		1/2		1/2		1/2		1/2	
3/4	3,079.01	3/4	3,389.91	3/4	3,700.81	3/4	4,011.70	3/4	4,322.60	3/4		3/4		3/4		3/4		3/4	
1	3,085.49	1	3,396.39	1	3,707.28	1	4,018.18	1	4,329.07	1		1		1		1		1	
1/4	3,091.97	1/4	3,402.86	1/4	3,713.76	1/4	4,024.66	1/4	4,335.55	1/4		1/4		1/4		1/4		1/4	
1/2	3,098.44	1/2	3,409.34	1/2	3,720.24	1/2	4,031.13	1/2	4,342.03	1/2		1/2		1/2		1/2		1/2	
3/4	3,104.92	3/4	3,415.82	3/4	3,726.71	3/4	4,037.61	3/4	4,348.51	3/4		3/4		3/4		3/4		3/4	
2	3,111.40	2	3,422.29	2	3,733.19	2	4,044.09	2	4,354.98	2		2		2		2		2	
1/4	3,117.88	1/4	3,428.77	1/4	3,739.67	1/4	4,050.56	1/4	4,361.46	1/4		1/4		1/4		1/4		1/4	
1/2	3,124.35	1/2	3,435.25	1/2	3,746.14	1/2	4,057.04	1/2	4,367.94	1/2		1/2		1/2		1/2		1/2	
3/4	3,130.83	3/4	3,441.73	3/4	3,752.62	3/4	4,063.52	3/4	4,374.41	3/4		3/4		3/4		3/4		3/4	
3	3,137.31	3	3,448.20	3	3,759.10	3	4,069.99	3	4,380.89	3		3		3		3		3	
1/4	3,143.78	1/4	3,454.68	1/4	3,765.58	1/4	4,076.47	1/4	4,387.37	1/4		1/4		1/4		1/4		1/4	
1/2	3,150.26	1/2	3,461.16	1/2	3,772.05	1/2	4,082.95	1/2	4,393.84	1/2		1/2		1/2		1/2		1/2	
3/4	3,156.74	3/4	3,467.63	3/4	3,778.53	3/4	4,089.43	3/4	4,400.32	3/4		3/4		3/4		3/4		3/4	
4	3,163.21	4	3,474.11	4	3,785.01	4	4,095.90	4	4,406.80	4		4		4		4		4	
1/4	3,169.69	1/4	3,480.59	1/4	3,791.48	1/4	4,102.38	1/4	4,413.28	1/4		1/4		1/4		1/4		1/4	
1/2	3,176.17	1/2	3,487.06	1/2	3,797.96	1/2	4,108.86	1/2	4,419.75	1/2		1/2		1/2		1/2		1/2	
3/4	3,182.65	3/4	3,493.54	3/4	3,804.44	3/4	4,115.33	3/4	4,426.23	3/4		3/4		3/4		3/4		3/4	
5	3,189.12	5	3,500.02	5	3,810.91	5	4,121.81	5	4,432.71	5		5		5		5		5	
1/4	3,195.60	1/4	3,506.50	1/4	3,817.39	1/4	4,128.29	1/4	4,439.18	1/4		1/4		1/4		1/4		1/4	
1/2	3,202.08	1/2	3,512.97	1/2	3,823.87	1/2	4,134.76	1/2	4,445.66	1/2		1/2		1/2		1/2		1/2	
3/4	3,208.55	3/4	3,519.45	3/4	3,830.35	3/4	4,141.24	3/4	4,452.14	3/4		3/4		3/4		3/4		3/4	
6	3,215.03	6	3,525.93	6	3,836.82	6	4,147.72	6	4,458.61	6		6		6		6		6	
1/4	3,221.51	1/4	3,532.40	1/4	3,843.30	1/4	4,154.20	1/4	4,465.09	1/4		1/4		1/4		1/4		1/4	
1/2	3,227.98	1/2	3,538.88	1/2	3,849.78	1/2	4,160.67	1/2	4,471.57	1/2		1/2		1/2		1/2		1/2	
3/4	3,234.46	3/4	3,545.36	3/4	3,856.25	3/4	4,167.15	3/4	4,478.05	3/4		3/4		3/4		3/4		3/4	
7	3,240.94	7	3,551.83	7	3,862.73	7	4,173.63	7	4,484.52	7		7		7		7		7	
1/4	3,247.42	1/4	3,558.31	1/4	3,869.21	1/4	4,180.10	1/4	4,489.92	1/4		1/4		1/4		1/4		1/4	
1/2	3,253.89	1/2	3,564.79	1/2	3,875.68	1/2	4,186.58	1/2	4,495.32	1/2		1/2		1/2		1/2		1/2	
3/4	3,260.37	3/4	3,571.27	3/4	3,882.16	3/4	4,193.06	3/4	4,500.71	3/4		3/4		3/4		3/4		3/4	
8	3,266.85	8	3,577.74	8	3,888.64	8	4,199.53	8	4,506.11	8		8		8		8		8	
1/4	3,273.32	1/4	3,584.22	1/4	3,895.12	1/4	4,206.01	1/4	4,510.43	1/4		1/4		1/4		1/4		1/4	
1/2	3,279.80	1/2	3,590.70	1/2	3,901.59	1/2	4,212.49	1/2	4,514.75	1/2		1/2		1/2		1/2		1/2	
3/4	3,286.28	3/4	3,597.17	3/4	3,908.07	3/4	4,218.97	3/4	4,519.07	3/4		3/4		3/4		3/4		3/4	
9	3,292.75	9	3,603.65	9	3,914.55	9	4,225.44	9	4,523.38	9		9		9		9		9	
1/4	3,299.23	1/4	3,610.13	1/4	3,921.02	1/4	4,231.92	1/4	4,526.62	1/4		1/4		1/4		1/4		1/4	
1/2	3,305.71	1/2	3,616.60	1/2	3,927.50	1/2	4,238.40	1/2	4,529.86	1/2		1/2		1/2		1/2		1/2	
3/4	3,312.19	3/4	3,623.08	3/4	3,933.98	3/4	4,244.87	3/4	4,533.10	3/4		3/4		3/4		3/4		3/4	
10	3,318.66	10	3,629.56	10	3,940.45	10	4,251.35	10	4,536.34	10		10		10		10		10	
1/4	3,325.14	1/4	3,636.04	1/4	3,946.93	1/4	4,257.83	1/4	4,538.50	1/4		1/4		1/4		1/4		1/4	
1/2	3,331.62	1/2	3,642.51	1/2	3,953.41	1/2	4,264.30	1/2	4,540.66	1/2		1/2		1/2		1/2		1/2	
3/4	3,338.09	3/4	3,648.99	3/4	3,959.89	3/4	4,270.78	3/4	4,542.81	3/4		3/4		3/4		3/4		3/4	
11	3,344.57	11	3,655.47	11	3,966.36	11	4,277.26	11	4,544.97	11		11		11		11		11	
1/4	3,351.05	1/4	3,661.94	1/4	3,972.84	1/4	4,283.74	1/4	4,546.05	1/4		1/4		1/4		1/4		1/4	
1/2	3,357.52	1/2	3,668.42	1/2	3,979.32	1/2	4,290.21	1/2	4,547.13	1/2		1/2		1/2		1/2		1/2	
3/4	3,364.00	3/4	3,674.90	3/4	3,985.79	3/4	4,296.69	3/4	4,548.21	3/4		3/4		3/4		3/4		3/4	

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NOTE: CAPACITY TABLE APPLIES ONLY TO INNAGE GAUGES OBTAINED BY MANUAL GAUGING AT TOP LIP OF MMC VALVE.

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NOTE: FOR GREATER ACCURACY, BARGE SHOULD BE UPRIGHT AND ON EVEN KEEL.

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**INTERTEK CALEB BRETT**



DATE STRAPPED: 8/19/08 BY: JF  
 DATE COMPUTED: 8/25/08 BY: WHF  
 DATE ISSUED: 8/25/08

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	18.96	0	362.13	0	720.37	0	1,078.04	0	1,434.42	0	1,792.66	0	2,150.90	0	2,509.15	0	2,867.39	0	3,225.63
1/4	23.62	1/4	369.59	1/4	727.83	1/4	1,085.44	1/4	1,441.88	1/4	1,800.12	1/4	2,158.37	1/4	2,516.61	1/4	2,874.85	1/4	3,233.10
1/2	28.29	1/2	377.05	1/2	735.30	1/2	1,092.84	1/2	1,449.34	1/2	1,807.59	1/2	2,165.83	1/2	2,524.07	1/2	2,882.32	1/2	3,240.56
3/4	32.95	3/4	384.52	3/4	742.76	3/4	1,100.23	3/4	1,456.81	3/4	1,815.05	3/4	2,173.29	3/4	2,531.54	3/4	2,889.78	3/4	3,248.02
1	37.62	1	391.98	1	750.22	1	1,107.63	1	1,464.27	1	1,822.51	1	2,180.76	1	2,539.00	1	2,897.24	1	3,255.49
1/4	44.15	1/4	399.44	1/4	757.69	1/4	1,115.03	1/4	1,471.73	1/4	1,829.98	1/4	2,188.22	1/4	2,546.46	1/4	2,904.71	1/4	3,262.95
1/2	50.68	1/2	406.91	1/2	765.15	1/2	1,122.42	1/2	1,479.20	1/2	1,837.44	1/2	2,195.68	1/2	2,553.93	1/2	2,912.17	1/2	3,270.41
3/4	57.21	3/4	414.37	3/4	772.61	3/4	1,129.82	3/4	1,486.66	3/4	1,844.90	3/4	2,203.15	3/4	2,561.39	3/4	2,919.63	3/4	3,277.88
2	63.74	2	421.83	2	780.08	2	1,137.22	2	1,494.12	2	1,852.37	2	2,210.61	2	2,568.85	2	2,927.10	2	3,285.34
1/4	71.20	1/4	429.30	1/4	787.54	1/4	1,144.61	1/4	1,501.59	1/4	1,859.83	1/4	2,218.07	1/4	2,576.32	1/4	2,934.56	1/4	3,292.80
1/2	78.66	1/2	436.76	1/2	795.00	1/2	1,152.01	1/2	1,509.05	1/2	1,867.29	1/2	2,225.54	1/2	2,583.78	1/2	2,942.02	1/2	3,300.27
3/4	86.12	3/4	444.22	3/4	802.47	3/4	1,159.41	3/4	1,516.51	3/4	1,874.76	3/4	2,233.00	3/4	2,591.24	3/4	2,949.49	3/4	3,307.73
3	93.58	3	451.69	3	809.93	3	1,166.80	3	1,523.98	3	1,882.22	3	2,240.46	3	2,598.71	3	2,956.95	3	3,315.19
1/4	101.04	1/4	459.15	1/4	817.39	1/4	1,174.20	1/4	1,531.44	1/4	1,889.68	1/4	2,247.93	1/4	2,606.17	1/4	2,964.41	1/4	3,322.66
1/2	108.50	1/2	466.61	1/2	824.86	1/2	1,181.60	1/2	1,538.90	1/2	1,897.15	1/2	2,255.39	1/2	2,613.63	1/2	2,971.88	1/2	3,330.12
3/4	115.96	3/4	474.08	3/4	832.32	3/4	1,188.99	3/4	1,546.37	3/4	1,904.61	3/4	2,262.85	3/4	2,621.10	3/4	2,979.34	3/4	3,337.58
4	123.42	4	481.54	4	839.78	4	1,196.39	4	1,553.83	4	1,912.07	4	2,270.32	4	2,628.56	4	2,986.80	4	3,345.05
1/4	130.88	1/4	489.00	1/4	847.25	1/4	1,203.79	1/4	1,561.29	1/4	1,919.54	1/4	2,277.78	1/4	2,636.02	1/4	2,994.27	1/4	3,352.51
1/2	138.34	1/2	496.47	1/2	854.71	1/2	1,211.18	1/2	1,568.76	1/2	1,927.00	1/2	2,285.24	1/2	2,643.49	1/2	3,001.73	1/2	3,359.97
3/4	145.80	3/4	503.93	3/4	862.17	3/4	1,218.58	3/4	1,576.22	3/4	1,934.46	3/4	2,292.71	3/4	2,650.95	3/4	3,009.19	3/4	3,367.44
5	153.26	5	511.39	5	869.63	5	1,225.98	5	1,583.68	5	1,941.93	5	2,300.17	5	2,658.41	5	3,016.66	5	3,374.90
1/4	160.72	1/4	518.86	1/4	877.09	1/4	1,233.37	1/4	1,591.15	1/4	1,949.39	1/4	2,307.63	1/4	2,665.88	1/4	3,024.12	1/4	3,382.36
1/2	168.18	1/2	526.32	1/2	884.56	1/2	1,240.77	1/2	1,598.61	1/2	1,956.85	1/2	2,315.10	1/2	2,673.34	1/2	3,031.58	1/2	3,389.83
3/4	175.64	3/4	533.78	3/4	892.02	3/4	1,248.17	3/4	1,606.08	3/4	1,964.32	3/4	2,322.56	3/4	2,680.80	3/4	3,039.05	3/4	3,397.29
6	183.10	6	541.25	6	899.48	6	1,255.56	6	1,613.54	6	1,971.78	6	2,330.02	6	2,688.27	6	3,046.51	6	3,404.75
1/4	190.55	1/4	548.71	1/4	906.94	1/4	1,262.99	1/4	1,621.00	1/4	1,979.25	1/4	2,337.49	1/4	2,695.73	1/4	3,053.97	1/4	3,412.22
1/2	198.01	1/2	556.17	1/2	914.40	1/2	1,270.42	1/2	1,628.47	1/2	1,986.71	1/2	2,344.95	1/2	2,703.19	1/2	3,061.44	1/2	3,419.68
3/4	205.47	3/4	563.64	3/4	921.87	3/4	1,277.85	3/4	1,635.93	3/4	1,994.17	3/4	2,352.42	3/4	2,710.66	3/4	3,068.90	3/4	3,427.14
7	212.93	7	571.10	7	929.33	7	1,285.28	7	1,643.39	7	2,001.64	7	2,359.88	7	2,718.12	7	3,076.36	7	3,434.61
1/4	220.39	1/4	578.56	1/4	936.79	1/4	1,292.71	1/4	1,650.86	1/4	2,009.10	1/4	2,367.34	1/4	2,725.59	1/4	3,083.83	1/4	3,442.07
1/2	227.85	1/2	586.03	1/2	944.25	1/2	1,300.14	1/2	1,658.32	1/2	2,016.56	1/2	2,374.81	1/2	2,733.05	1/2	3,091.29	1/2	3,449.53
3/4	235.31	3/4	593.49	3/4	951.71	3/4	1,307.57	3/4	1,665.78	3/4	2,024.03	3/4	2,382.27	3/4	2,740.51	3/4	3,098.76	3/4	3,457.00
8	242.77	8	600.95	8	959.18	8	1,315.00	8	1,673.25	8	2,031.49	8	2,389.73	8	2,747.98	8	3,106.22	8	3,464.46
1/4	250.23	1/4	608.42	1/4	966.64	1/4	1,322.47	1/4	1,680.71	1/4	2,038.95	1/4	2,397.20	1/4	2,755.44	1/4	3,113.68	1/4	3,471.93
1/2	257.69	1/2	615.88	1/2	974.10	1/2	1,329.93	1/2	1,688.17	1/2	2,046.42	1/2	2,404.66	1/2	2,762.90	1/2	3,121.15	1/2	3,479.39
3/4	265.15	3/4	623.34	3/4	981.56	3/4	1,337.39	3/4	1,695.64	3/4	2,053.88	3/4	2,412.12	3/4	2,770.37	3/4	3,128.61	3/4	3,486.85
9	272.61	9	630.81	9	989.02	9	1,344.86	9	1,703.10	9	2,061.34	9	2,419.59	9	2,777.83	9	3,136.07	9	3,494.32
1/4	280.07	1/4	638.27	1/4	996.49	1/4	1,352.32	1/4	1,710.56	1/4	2,068.81	1/4	2,427.05	1/4	2,785.29	1/4	3,143.54	1/4	3,501.78
1/2	287.53	1/2	645.73	1/2	1,003.95	1/2	1,359.78	1/2	1,718.03	1/2	2,076.27	1/2	2,434.51	1/2	2,792.76	1/2	3,151.00	1/2	3,509.24
3/4	294.99	3/4	653.20	3/4	1,011.41	3/4	1,367.25	3/4	1,725.49	3/4	2,083.73	3/4	2,441.98	3/4	2,800.22	3/4	3,158.46	3/4	3,516.71
10	302.45	10	660.66	10	1,018.87	10	1,374.71	10	1,732.95	10	2,091.20	10	2,449.44	10	2,807.68	10	3,165.93	10	3,524.17
1/4	309.91	1/4	668.12	1/4	1,026.27	1/4	1,382.17	1/4	1,740.42	1/4	2,098.66	1/4	2,456.90	1/4	2,815.15	1/4	3,173.39	1/4	3,531.63
1/2	317.37	1/2	675.59	1/2	1,033.66	1/2	1,389.64	1/2	1,747.88	1/2	2,106.12	1/2	2,464.37	1/2	2,822.61	1/2	3,180.85	1/2	3,539.10
3/4	324.83	3/4	683.05	3/4	1,041.06	3/4	1,397.10	3/4	1,755.34	3/4	2,113.59	3/4	2,471.83	3/4	2,830.07	3/4	3,188.32	3/4	3,546.56
11	332.29	11	690.52	11	1,048.46	11	1,404.56	11	1,762.81	11	2,121.05	11	2,479.29	11	2,837.54	11	3,195.78	11	3,554.02
1/4	339.75	1/4	697.98	1/4	1,055.85	1/4	1,412.03	1/4	1,770.27	1/4	2,128.51	1/4	2,486.76	1/4	2,845.00	1/4	3,203.24	1/4	3,561.49
1/2	347.21	1/2	705.44	1/2	1,063.25	1/2	1,419.49	1/2	1,777.73	1/2	2,135.98	1/2	2,494.22	1/2	2,852.46	1/2	3,210.71	1/2	3,568.95
3/4	354.67	3/4	712.91	3/4	1,070.65	3/4	1,426.95	3/4	1,785.20	3/4	2,143.44	3/4	2,501.68	3/4	2,859.93	3/4	3,218.17	3/4	3,576.41

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

NOTE: CAPACITY TABLE APPLIES ONLY TO INNAGE GAUGES OBTAINED BY MANUAL GAUGING AT TOP LIP OF MMC VALVE.

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**INTERTEK CALEB BRETT**



DATE STRAPPED: 8/19/08 BY: JF  
 DATE COMPUTED: 8/25/08 BY: WHF  
 DATE ISSUED: 8/25/08

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	3,583.88	0	3,942.12	0	4,300.36	0	4,658.61	0	5,016.85	0	5,293.02	0		0		0		0	
1/4	3,591.34	1/4	3,949.58	1/4	4,307.83	1/4	4,666.07	1/4	5,024.31	1/4		1/4		1/4		1/4		1/4	
1/2	3,598.80	1/2	3,957.05	1/2	4,315.29	1/2	4,673.53	1/2	5,031.78	1/2		1/2		1/2		1/2		1/2	
3/4	3,606.27	3/4	3,964.51	3/4	4,322.75	3/4	4,681.00	3/4	5,039.24	3/4		3/4		3/4		3/4		3/4	
1	3,613.73	1	3,971.97	1	4,330.22	1	4,688.46	1	5,046.70	1		1		1		1		1	
1/4	3,621.19	1/4	3,979.44	1/4	4,337.68	1/4	4,695.92	1/4	5,054.17	1/4		1/4		1/4		1/4		1/4	
1/2	3,628.66	1/2	3,986.90	1/2	4,345.14	1/2	4,703.39	1/2	5,061.63	1/2		1/2		1/2		1/2		1/2	
3/4	3,636.12	3/4	3,994.36	3/4	4,352.61	3/4	4,710.85	3/4	5,069.09	3/4		3/4		3/4		3/4		3/4	
2	3,643.58	2	4,001.83	2	4,360.07	2	4,718.31	2	5,076.56	2		2		2		2		2	
1/4	3,651.05	1/4	4,009.29	1/4	4,367.53	1/4	4,725.78	1/4	5,084.02	1/4		1/4		1/4		1/4		1/4	
1/2	3,658.51	1/2	4,016.75	1/2	4,375.00	1/2	4,733.24	1/2	5,091.48	1/2		1/2		1/2		1/2		1/2	
3/4	3,665.97	3/4	4,024.22	3/4	4,382.46	3/4	4,740.70	3/4	5,098.95	3/4		3/4		3/4		3/4		3/4	
3	3,673.44	3	4,031.68	3	4,389.92	3	4,748.17	3	5,106.41	3		3		3		3		3	
1/4	3,680.90	1/4	4,039.14	1/4	4,397.39	1/4	4,755.63	1/4	5,113.87	1/4		1/4		1/4		1/4		1/4	
1/2	3,688.36	1/2	4,046.61	1/2	4,404.85	1/2	4,763.09	1/2	5,121.34	1/2		1/2		1/2		1/2		1/2	
3/4	3,695.83	3/4	4,054.07	3/4	4,412.31	3/4	4,770.56	3/4	5,128.80	3/4		3/4		3/4		3/4		3/4	
4	3,703.29	4	4,061.53	4	4,419.78	4	4,778.02	4	5,136.26	4		4		4		4		4	
1/4	3,710.75	1/4	4,069.00	1/4	4,427.24	1/4	4,785.48	1/4	5,143.73	1/4		1/4		1/4		1/4		1/4	
1/2	3,718.22	1/2	4,076.46	1/2	4,434.70	1/2	4,792.95	1/2	5,151.19	1/2		1/2		1/2		1/2		1/2	
3/4	3,725.68	3/4	4,083.92	3/4	4,442.17	3/4	4,800.41	3/4	5,158.65	3/4		3/4		3/4		3/4		3/4	
5	3,733.14	5	4,091.39	5	4,449.63	5	4,807.87	5	5,166.12	5		5		5		5		5	
1/4	3,740.61	1/4	4,098.85	1/4	4,457.09	1/4	4,815.34	1/4	5,173.58	1/4		1/4		1/4		1/4		1/4	
1/2	3,748.07	1/2	4,106.31	1/2	4,464.56	1/2	4,822.80	1/2	5,181.04	1/2		1/2		1/2		1/2		1/2	
3/4	3,755.53	3/4	4,113.78	3/4	4,472.02	3/4	4,830.26	3/4	5,188.51	3/4		3/4		3/4		3/4		3/4	
6	3,763.00	6	4,121.24	6	4,479.48	6	4,837.73	6	5,195.97	6		6		6		6		6	
1/4	3,770.46	1/4	4,128.70	1/4	4,486.95	1/4	4,845.19	1/4	5,203.12	1/4		1/4		1/4		1/4		1/4	
1/2	3,777.92	1/2	4,136.17	1/2	4,494.41	1/2	4,852.65	1/2	5,210.48	1/2		1/2		1/2		1/2		1/2	
3/4	3,785.39	3/4	4,143.63	3/4	4,501.87	3/4	4,860.12	3/4	5,217.43	3/4		3/4		3/4		3/4		3/4	
7	3,792.85	7	4,151.09	7	4,509.34	7	4,867.58	7	5,224.58	7		7		7		7		7	
1/4	3,800.31	1/4	4,158.56	1/4	4,516.80	1/4	4,875.04	1/4	5,230.49	1/4		1/4		1/4		1/4		1/4	
1/2	3,807.78	1/2	4,166.02	1/2	4,524.26	1/2	4,882.51	1/2	5,236.40	1/2		1/2		1/2		1/2		1/2	
3/4	3,815.24	3/4	4,173.48	3/4	4,531.73	3/4	4,889.97	3/4	5,242.31	3/4		3/4		3/4		3/4		3/4	
8	3,822.70	8	4,180.95	8	4,539.19	8	4,897.43	8	5,248.22	8		8		8		8		8	
1/4	3,830.17	1/4	4,188.41	1/4	4,546.65	1/4	4,904.90	1/4	5,252.88	1/4		1/4		1/4		1/4		1/4	
1/2	3,837.63	1/2	4,195.87	1/2	4,554.12	1/2	4,912.36	1/2	5,257.55	1/2		1/2		1/2		1/2		1/2	
3/4	3,845.10	3/4	4,203.34	3/4	4,561.58	3/4	4,919.82	3/4	5,262.21	3/4		3/4		3/4		3/4		3/4	
9	3,852.56	9	4,210.80	9	4,569.04	9	4,927.29	9	5,266.88	9		9		9		9		9	
1/4	3,860.02	1/4	4,218.27	1/4	4,576.51	1/4	4,934.75	1/4	5,270.30	1/4		1/4		1/4		1/4		1/4	
1/2	3,867.49	1/2	4,225.73	1/2	4,583.97	1/2	4,942.21	1/2	5,273.72	1/2		1/2		1/2		1/2		1/2	
3/4	3,874.95	3/4	4,233.19	3/4	4,591.44	3/4	4,949.68	3/4	5,277.15	3/4		3/4		3/4		3/4		3/4	
10	3,882.41	10	4,240.66	10	4,598.90	10	4,957.14	10	5,280.57	10		10		10		10		10	
1/4	3,889.88	1/4	4,248.12	1/4	4,606.36	1/4	4,964.60	1/4	5,282.75	1/4		1/4		1/4		1/4		1/4	
1/2	3,897.34	1/2	4,255.58	1/2	4,613.83	1/2	4,972.07	1/2	5,284.92	1/2		1/2		1/2		1/2		1/2	
3/4	3,904.80	3/4	4,263.05	3/4	4,621.29	3/4	4,979.53	3/4	5,287.10	3/4		3/4		3/4		3/4		3/4	
11	3,912.27	11	4,270.51	11	4,628.75	11	4,987.00	11	5,289.28	11		11		11		11		11	
1/4	3,919.73	1/4	4,277.97	1/4	4,636.22	1/4	4,994.46	1/4	5,290.22	1/4		1/4		1/4		1/4		1/4	
1/2	3,927.19	1/2	4,285.44	1/2	4,643.68	1/2	5,001.92	1/2	5,291.15	1/2		1/2		1/2		1/2		1/2	
3/4	3,934.66	3/4	4,292.90	3/4	4,651.14	3/4	5,009.39	3/4	5,292.09	3/4		3/4		3/4		3/4		3/4	

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

NOTE: CAPACITY TABLE APPLIES ONLY TO INNAGE GAUGES OBTAINED BY MANUAL GAUGING AT TOP LIP OF MMC VALVE.

NOTE: GAUGE POINT IS LOCATED NEAR LONGITUDINAL CENTER OF TANK - CORRECTION FOR TRIM NOT REQUIRED.

NOTE: FOR GREATER ACCURACY, BARGE SHOULD BE UPRIGHT AND ON EVEN KEEL.

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

**INTERTEK CALEB BRETT**



DATE STRAPPED: 8/19/08 BY: JF  
DATE COMPUTED: 8/25/08 BY: WHF  
DATE ISSUED: 8/25/08

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	18.96	0	362.13	0	720.37	0	1,078.04	0	1,434.42	0	1,792.66	0	2,150.90	0	2,509.15	0	2,867.39	0	3,225.63
1/4	23.62	1/4	369.59	1/4	727.83	1/4	1,085.44	1/4	1,441.88	1/4	1,800.12	1/4	2,158.37	1/4	2,516.61	1/4	2,874.85	1/4	3,233.10
1/2	28.29	1/2	377.05	1/2	735.30	1/2	1,092.84	1/2	1,449.34	1/2	1,807.59	1/2	2,165.83	1/2	2,524.07	1/2	2,882.32	1/2	3,240.56
3/4	32.95	3/4	384.52	3/4	742.76	3/4	1,100.23	3/4	1,456.81	3/4	1,815.05	3/4	2,173.29	3/4	2,531.54	3/4	2,889.78	3/4	3,248.02
1	37.62	1	391.98	1	750.22	1	1,107.63	1	1,464.27	1	1,822.51	1	2,180.76	1	2,539.00	1	2,897.24	1	3,255.49
1/4	44.15	1/4	399.44	1/4	757.69	1/4	1,115.03	1/4	1,471.73	1/4	1,829.98	1/4	2,188.22	1/4	2,546.46	1/4	2,904.71	1/4	3,262.95
1/2	50.68	1/2	406.91	1/2	765.15	1/2	1,122.42	1/2	1,479.20	1/2	1,837.44	1/2	2,195.68	1/2	2,553.93	1/2	2,912.17	1/2	3,270.41
3/4	57.21	3/4	414.37	3/4	772.61	3/4	1,129.82	3/4	1,486.66	3/4	1,844.90	3/4	2,203.15	3/4	2,561.39	3/4	2,919.63	3/4	3,277.88
2	63.74	2	421.83	2	780.08	2	1,137.22	2	1,494.12	2	1,852.37	2	2,210.61	2	2,568.85	2	2,927.10	2	3,285.34
1/4	71.20	1/4	429.30	1/4	787.54	1/4	1,144.61	1/4	1,501.59	1/4	1,859.83	1/4	2,218.07	1/4	2,576.32	1/4	2,934.56	1/4	3,292.80
1/2	78.66	1/2	436.76	1/2	795.00	1/2	1,152.01	1/2	1,509.05	1/2	1,867.29	1/2	2,225.54	1/2	2,583.78	1/2	2,942.02	1/2	3,300.27
3/4	86.12	3/4	444.22	3/4	802.47	3/4	1,159.41	3/4	1,516.51	3/4	1,874.76	3/4	2,233.00	3/4	2,591.24	3/4	2,949.49	3/4	3,307.73
3	93.58	3	451.69	3	809.93	3	1,166.80	3	1,523.98	3	1,882.22	3	2,240.46	3	2,598.71	3	2,956.95	3	3,315.19
1/4	101.04	1/4	459.15	1/4	817.39	1/4	1,174.20	1/4	1,531.44	1/4	1,889.68	1/4	2,247.93	1/4	2,606.17	1/4	2,964.41	1/4	3,322.66
1/2	108.50	1/2	466.61	1/2	824.86	1/2	1,181.60	1/2	1,538.90	1/2	1,897.15	1/2	2,255.39	1/2	2,613.63	1/2	2,971.88	1/2	3,330.12
3/4	115.96	3/4	474.08	3/4	832.32	3/4	1,188.99	3/4	1,546.37	3/4	1,904.61	3/4	2,262.85	3/4	2,621.10	3/4	2,979.34	3/4	3,337.58
4	123.42	4	481.54	4	839.78	4	1,196.39	4	1,553.83	4	1,912.07	4	2,270.32	4	2,628.56	4	2,986.80	4	3,345.05
1/4	130.88	1/4	489.00	1/4	847.25	1/4	1,203.79	1/4	1,561.29	1/4	1,919.54	1/4	2,277.78	1/4	2,636.02	1/4	2,994.27	1/4	3,352.51
1/2	138.34	1/2	496.47	1/2	854.71	1/2	1,211.18	1/2	1,568.76	1/2	1,927.00	1/2	2,285.24	1/2	2,643.49	1/2	3,001.73	1/2	3,359.97
3/4	145.80	3/4	503.93	3/4	862.17	3/4	1,218.58	3/4	1,576.22	3/4	1,934.46	3/4	2,292.71	3/4	2,650.95	3/4	3,009.19	3/4	3,367.44
5	153.26	5	511.39	5	869.63	5	1,225.98	5	1,583.68	5	1,941.93	5	2,300.17	5	2,658.41	5	3,016.66	5	3,374.90
1/4	160.72	1/4	518.86	1/4	877.09	1/4	1,233.37	1/4	1,591.15	1/4	1,949.39	1/4	2,307.63	1/4	2,665.88	1/4	3,024.12	1/4	3,382.36
1/2	168.18	1/2	526.32	1/2	884.56	1/2	1,240.77	1/2	1,598.61	1/2	1,956.85	1/2	2,315.10	1/2	2,673.34	1/2	3,031.58	1/2	3,389.83
3/4	175.64	3/4	533.78	3/4	892.02	3/4	1,248.17	3/4	1,606.08	3/4	1,964.32	3/4	2,322.56	3/4	2,680.80	3/4	3,039.05	3/4	3,397.29
6	183.10	6	541.25	6	899.48	6	1,255.56	6	1,613.54	6	1,971.78	6	2,330.02	6	2,688.27	6	3,046.51	6	3,404.75
1/4	190.55	1/4	548.71	1/4	906.94	1/4	1,262.99	1/4	1,621.00	1/4	1,979.25	1/4	2,337.49	1/4	2,695.73	1/4	3,053.97	1/4	3,412.22
1/2	198.01	1/2	556.17	1/2	914.40	1/2	1,270.42	1/2	1,628.47	1/2	1,986.71	1/2	2,344.95	1/2	2,703.19	1/2	3,061.44	1/2	3,419.68
3/4	205.47	3/4	563.64	3/4	921.87	3/4	1,277.85	3/4	1,635.93	3/4	1,994.17	3/4	2,352.42	3/4	2,710.66	3/4	3,068.90	3/4	3,427.14
7	212.93	7	571.10	7	929.33	7	1,285.28	7	1,643.39	7	2,001.64	7	2,359.88	7	2,718.12	7	3,076.36	7	3,434.61
1/4	220.39	1/4	578.56	1/4	936.79	1/4	1,292.71	1/4	1,650.86	1/4	2,009.10	1/4	2,367.34	1/4	2,725.59	1/4	3,083.83	1/4	3,442.07
1/2	227.85	1/2	586.03	1/2	944.25	1/2	1,300.14	1/2	1,658.32	1/2	2,016.56	1/2	2,374.81	1/2	2,733.05	1/2	3,091.29	1/2	3,449.53
3/4	235.31	3/4	593.49	3/4	951.71	3/4	1,307.57	3/4	1,665.78	3/4	2,024.03	3/4	2,382.27	3/4	2,740.51	3/4	3,098.76	3/4	3,457.00
8	242.77	8	600.95	8	959.18	8	1,315.00	8	1,673.25	8	2,031.49	8	2,389.73	8	2,747.98	8	3,106.22	8	3,464.46
1/4	250.23	1/4	608.42	1/4	966.64	1/4	1,322.47	1/4	1,680.71	1/4	2,038.95	1/4	2,397.20	1/4	2,755.44	1/4	3,113.68	1/4	3,471.93
1/2	257.69	1/2	615.88	1/2	974.10	1/2	1,329.93	1/2	1,688.17	1/2	2,046.42	1/2	2,404.66	1/2	2,762.90	1/2	3,121.15	1/2	3,479.39
3/4	265.15	3/4	623.34	3/4	981.56	3/4	1,337.39	3/4	1,695.64	3/4	2,053.88	3/4	2,412.12	3/4	2,770.37	3/4	3,128.61	3/4	3,486.85
9	272.61	9	630.81	9	989.02	9	1,344.86	9	1,703.10	9	2,061.34	9	2,419.59	9	2,777.83	9	3,136.07	9	3,494.32
1/4	280.07	1/4	638.27	1/4	996.49	1/4	1,352.32	1/4	1,710.56	1/4	2,068.81	1/4	2,427.05	1/4	2,785.29	1/4	3,143.54	1/4	3,501.78
1/2	287.53	1/2	645.73	1/2	1,003.95	1/2	1,359.78	1/2	1,718.03	1/2	2,076.27	1/2	2,434.51	1/2	2,792.76	1/2	3,151.00	1/2	3,509.24
3/4	294.99	3/4	653.20	3/4	1,011.41	3/4	1,367.25	3/4	1,725.49	3/4	2,083.73	3/4	2,441.98	3/4	2,800.22	3/4	3,158.46	3/4	3,516.71
10	302.45	10	660.66	10	1,018.87	10	1,374.71	10	1,732.95	10	2,091.20	10	2,449.44	10	2,807.68	10	3,165.93	10	3,524.17
1/4	309.91	1/4	668.12	1/4	1,026.27	1/4	1,382.17	1/4	1,740.42	1/4	2,098.66	1/4	2,456.90	1/4	2,815.15	1/4	3,173.39	1/4	3,531.63
1/2	317.37	1/2	675.59	1/2	1,033.66	1/2	1,389.64	1/2	1,747.88	1/2	2,106.12	1/2	2,464.37	1/2	2,822.61	1/2	3,180.85	1/2	3,539.10
3/4	324.83	3/4	683.05	3/4	1,041.06	3/4	1,397.10	3/4	1,755.34	3/4	2,113.59	3/4	2,471.83	3/4	2,830.07	3/4	3,188.32	3/4	3,546.56
11	332.29	11	690.52	11	1,048.46	11	1,404.56	11	1,762.81	11	2,121.05	11	2,479.29	11	2,837.54	11	3,195.78	11	3,554.02
1/4	339.75	1/4	697.98	1/4	1,055.85	1/4	1,412.03	1/4	1,770.27	1/4	2,128.51	1/4	2,486.76	1/4	2,845.00	1/4	3,203.24	1/4	3,561.49
1/2	347.21	1/2	705.44	1/2	1,063.25	1/2	1,419.49	1/2	1,777.73	1/2	2,135.98	1/2	2,494.22	1/2	2,852.46	1/2	3,210.71	1/2	3,568.95
3/4	354.67	3/4	712.91	3/4	1,070.65	3/4	1,426.95	3/4	1,785.20	3/4	2,143.44	3/4	2,501.68	3/4	2,859.93	3/4	3,218.17	3/4	3,576.41

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

NOTE: CAPACITY TABLE APPLIES ONLY TO INNAGE GAUGES OBTAINED BY MANUAL GAUGING AT TOP LIP OF MMC VALVE.

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**INTERTEK CALEB BRETT**



DATE STRAPPED: 8/19/08 BY: JF  
 DATE COMPUTED: 8/25/08 BY: WHF  
 DATE ISSUED: 8/25/08

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	3,583.88	0	3,942.12	0	4,300.36	0	4,658.61	0	5,016.85	0	5,293.02	0		0		0		0	
1/4	3,591.34	1/4	3,949.58	1/4	4,307.83	1/4	4,666.07	1/4	5,024.31	1/4		1/4		1/4		1/4		1/4	
1/2	3,598.80	1/2	3,957.05	1/2	4,315.29	1/2	4,673.53	1/2	5,031.78	1/2		1/2		1/2		1/2		1/2	
3/4	3,606.27	3/4	3,964.51	3/4	4,322.75	3/4	4,681.00	3/4	5,039.24	3/4		3/4		3/4		3/4		3/4	
1	3,613.73	1	3,971.97	1	4,330.22	1	4,688.46	1	5,046.70	1		1		1		1		1	
1/4	3,621.19	1/4	3,979.44	1/4	4,337.68	1/4	4,695.92	1/4	5,054.17	1/4		1/4		1/4		1/4		1/4	
1/2	3,628.66	1/2	3,986.90	1/2	4,345.14	1/2	4,703.39	1/2	5,061.63	1/2		1/2		1/2		1/2		1/2	
3/4	3,636.12	3/4	3,994.36	3/4	4,352.61	3/4	4,710.85	3/4	5,069.09	3/4		3/4		3/4		3/4		3/4	
2	3,643.58	2	4,001.83	2	4,360.07	2	4,718.31	2	5,076.56	2		2		2		2		2	
1/4	3,651.05	1/4	4,009.29	1/4	4,367.53	1/4	4,725.78	1/4	5,084.02	1/4		1/4		1/4		1/4		1/4	
1/2	3,658.51	1/2	4,016.75	1/2	4,375.00	1/2	4,733.24	1/2	5,091.48	1/2		1/2		1/2		1/2		1/2	
3/4	3,665.97	3/4	4,024.22	3/4	4,382.46	3/4	4,740.70	3/4	5,098.95	3/4		3/4		3/4		3/4		3/4	
3	3,673.44	3	4,031.68	3	4,389.92	3	4,748.17	3	5,106.41	3		3		3		3		3	
1/4	3,680.90	1/4	4,039.14	1/4	4,397.39	1/4	4,755.63	1/4	5,113.87	1/4		1/4		1/4		1/4		1/4	
1/2	3,688.36	1/2	4,046.61	1/2	4,404.85	1/2	4,763.09	1/2	5,121.34	1/2		1/2		1/2		1/2		1/2	
3/4	3,695.83	3/4	4,054.07	3/4	4,412.31	3/4	4,770.56	3/4	5,128.80	3/4		3/4		3/4		3/4		3/4	
4	3,703.29	4	4,061.53	4	4,419.78	4	4,778.02	4	5,136.26	4		4		4		4		4	
1/4	3,710.75	1/4	4,069.00	1/4	4,427.24	1/4	4,785.48	1/4	5,143.73	1/4		1/4		1/4		1/4		1/4	
1/2	3,718.22	1/2	4,076.46	1/2	4,434.70	1/2	4,792.95	1/2	5,151.19	1/2		1/2		1/2		1/2		1/2	
3/4	3,725.68	3/4	4,083.92	3/4	4,442.17	3/4	4,800.41	3/4	5,158.65	3/4		3/4		3/4		3/4		3/4	
5	3,733.14	5	4,091.39	5	4,449.63	5	4,807.87	5	5,166.12	5		5		5		5		5	
1/4	3,740.61	1/4	4,098.85	1/4	4,457.09	1/4	4,815.34	1/4	5,173.58	1/4		1/4		1/4		1/4		1/4	
1/2	3,748.07	1/2	4,106.31	1/2	4,464.56	1/2	4,822.80	1/2	5,181.04	1/2		1/2		1/2		1/2		1/2	
3/4	3,755.53	3/4	4,113.78	3/4	4,472.02	3/4	4,830.26	3/4	5,188.51	3/4		3/4		3/4		3/4		3/4	
6	3,763.00	6	4,121.24	6	4,479.48	6	4,837.73	6	5,195.97	6		6		6		6		6	
1/4	3,770.46	1/4	4,128.70	1/4	4,486.95	1/4	4,845.19	1/4	5,203.12	1/4		1/4		1/4		1/4		1/4	
1/2	3,777.92	1/2	4,136.17	1/2	4,494.41	1/2	4,852.65	1/2	5,210.48	1/2		1/2		1/2		1/2		1/2	
3/4	3,785.39	3/4	4,143.63	3/4	4,501.87	3/4	4,860.12	3/4	5,217.43	3/4		3/4		3/4		3/4		3/4	
7	3,792.85	7	4,151.09	7	4,509.34	7	4,867.58	7	5,224.58	7		7		7		7		7	
1/4	3,800.31	1/4	4,158.56	1/4	4,516.80	1/4	4,875.04	1/4	5,230.49	1/4		1/4		1/4		1/4		1/4	
1/2	3,807.78	1/2	4,166.02	1/2	4,524.26	1/2	4,882.51	1/2	5,236.40	1/2		1/2		1/2		1/2		1/2	
3/4	3,815.24	3/4	4,173.48	3/4	4,531.73	3/4	4,889.97	3/4	5,242.31	3/4		3/4		3/4		3/4		3/4	
8	3,822.70	8	4,180.95	8	4,539.19	8	4,897.43	8	5,248.22	8		8		8		8		8	
1/4	3,830.17	1/4	4,188.41	1/4	4,546.65	1/4	4,904.90	1/4	5,252.88	1/4		1/4		1/4		1/4		1/4	
1/2	3,837.63	1/2	4,195.87	1/2	4,554.12	1/2	4,912.36	1/2	5,257.55	1/2		1/2		1/2		1/2		1/2	
3/4	3,845.10	3/4	4,203.34	3/4	4,561.58	3/4	4,919.82	3/4	5,262.21	3/4		3/4		3/4		3/4		3/4	
9	3,852.56	9	4,210.80	9	4,569.04	9	4,927.29	9	5,266.88	9		9		9		9		9	
1/4	3,860.02	1/4	4,218.27	1/4	4,576.51	1/4	4,934.75	1/4	5,270.30	1/4		1/4		1/4		1/4		1/4	
1/2	3,867.49	1/2	4,225.73	1/2	4,583.97	1/2	4,942.21	1/2	5,273.72	1/2		1/2		1/2		1/2		1/2	
3/4	3,874.95	3/4	4,233.19	3/4	4,591.44	3/4	4,949.68	3/4	5,277.15	3/4		3/4		3/4		3/4		3/4	
10	3,882.41	10	4,240.66	10	4,598.90	10	4,957.14	10	5,280.57	10		10		10		10		10	
1/4	3,889.88	1/4	4,248.12	1/4	4,606.36	1/4	4,964.60	1/4	5,282.75	1/4		1/4		1/4		1/4		1/4	
1/2	3,897.34	1/2	4,255.58	1/2	4,613.83	1/2	4,972.07	1/2	5,284.92	1/2		1/2		1/2		1/2		1/2	
3/4	3,904.80	3/4	4,263.05	3/4	4,621.29	3/4	4,979.53	3/4	5,287.10	3/4		3/4		3/4		3/4		3/4	
11	3,912.27	11	4,270.51	11	4,628.75	11	4,987.00	11	5,289.28	11		11		11		11		11	
1/4	3,919.73	1/4	4,277.97	1/4	4,636.22	1/4	4,994.46	1/4	5,290.22	1/4		1/4		1/4		1/4		1/4	
1/2	3,927.19	1/2	4,285.44	1/2	4,643.68	1/2	5,001.92	1/2	5,291.15	1/2		1/2		1/2		1/2		1/2	
3/4	3,934.66	3/4	4,292.90	3/4	4,651.14	3/4	5,009.39	3/4	5,292.09	3/4		3/4		3/4		3/4		3/4	

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

NOTE: CAPACITY TABLE APPLIES ONLY TO INNAGE GAUGES OBTAINED BY MANUAL GAUGING AT TOP LIP OF MMC VALVE.

NOTE: GAUGE POINT IS LOCATED NEAR LONGITUDINAL CENTER OF TANK - CORRECTION FOR TRIM NOT REQUIRED.

NOTE: FOR GREATER ACCURACY, BARGE SHOULD BE UPRIGHT AND ON EVEN KEEL.

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

**INTERTEK CALEB BRETT**



DATE STRAPPED: 8/19/08 BY: JF  
 DATE COMPUTED: 8/25/08 BY: WHF  
 DATE ISSUED: 8/25/08



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	18.96	0	362.13	0	720.38	0	1,078.07	0	1,434.50	0	1,792.91	0	2,151.32	0	2,509.73	0	2,868.14	0	3,226.55
1/4	23.62	1/4	369.59	1/4	727.85	1/4	1,085.46	1/4	1,441.96	1/4	1,800.38	1/4	2,158.79	1/4	2,517.20	1/4	2,875.61	1/4	3,234.02
1/2	28.29	1/2	377.06	1/2	735.31	1/2	1,092.86	1/2	1,449.43	1/2	1,807.84	1/2	2,166.25	1/2	2,524.66	1/2	2,883.08	1/2	3,241.49
3/4	32.95	3/4	384.52	3/4	742.77	3/4	1,100.26	3/4	1,456.90	3/4	1,815.31	3/4	2,173.72	3/4	2,532.13	3/4	2,890.54	3/4	3,248.95
1	37.62	1	391.99	1	750.24	1	1,107.65	1	1,464.36	1	1,822.78	1	2,181.19	1	2,539.60	1	2,898.01	1	3,256.42
1/4	44.15	1/4	399.45	1/4	757.70	1/4	1,115.05	1/4	1,471.83	1/4	1,830.24	1/4	2,188.65	1/4	2,547.07	1/4	2,905.48	1/4	3,263.89
1/2	50.68	1/2	406.91	1/2	765.17	1/2	1,122.45	1/2	1,479.30	1/2	1,837.71	1/2	2,196.12	1/2	2,554.53	1/2	2,912.94	1/2	3,271.35
3/4	57.21	3/4	414.38	3/4	772.63	3/4	1,129.84	3/4	1,486.77	3/4	1,845.18	3/4	2,203.59	3/4	2,562.00	3/4	2,920.41	3/4	3,278.82
2	63.74	2	421.84	2	780.09	2	1,137.24	2	1,494.23	2	1,852.64	2	2,211.05	2	2,569.47	2	2,927.88	2	3,286.29
1/4	71.20	1/4	429.30	1/4	787.56	1/4	1,144.64	1/4	1,501.70	1/4	1,860.11	1/4	2,218.52	1/4	2,576.93	1/4	2,935.34	1/4	3,293.76
1/2	78.66	1/2	436.77	1/2	795.02	1/2	1,152.03	1/2	1,509.17	1/2	1,867.58	1/2	2,225.99	1/2	2,584.40	1/2	2,942.81	1/2	3,301.22
3/4	86.12	3/4	444.23	3/4	802.48	3/4	1,159.43	3/4	1,516.63	3/4	1,875.04	3/4	2,233.46	3/4	2,591.87	3/4	2,950.28	3/4	3,308.69
3	93.58	3	451.69	3	809.95	3	1,166.83	3	1,524.10	3	1,882.51	3	2,240.92	3	2,599.33	3	2,957.74	3	3,316.16
1/4	101.04	1/4	459.16	1/4	817.41	1/4	1,174.22	1/4	1,531.57	1/4	1,889.98	1/4	2,248.39	1/4	2,606.80	1/4	2,965.21	1/4	3,323.62
1/2	108.50	1/2	466.62	1/2	824.87	1/2	1,181.62	1/2	1,539.03	1/2	1,897.44	1/2	2,255.86	1/2	2,614.27	1/2	2,972.68	1/2	3,331.09
3/4	115.96	3/4	474.08	3/4	832.34	3/4	1,189.02	3/4	1,546.50	3/4	1,904.91	3/4	2,263.32	3/4	2,621.73	3/4	2,980.15	3/4	3,338.56
4	123.42	4	481.55	4	839.80	4	1,196.41	4	1,553.97	4	1,912.38	4	2,270.79	4	2,629.20	4	2,987.61	4	3,346.02
1/4	130.88	1/4	489.01	1/4	847.26	1/4	1,203.81	1/4	1,561.43	1/4	1,919.85	1/4	2,278.26	1/4	2,636.67	1/4	2,995.08	1/4	3,353.49
1/2	138.34	1/2	496.48	1/2	854.73	1/2	1,211.21	1/2	1,568.90	1/2	1,927.31	1/2	2,285.72	1/2	2,644.13	1/2	3,002.55	1/2	3,360.96
3/4	145.80	3/4	503.94	3/4	862.19	3/4	1,218.60	3/4	1,576.37	3/4	1,934.78	3/4	2,293.19	3/4	2,651.60	3/4	3,010.01	3/4	3,368.42
5	153.26	5	511.40	5	869.65	5	1,226.00	5	1,583.84	5	1,942.25	5	2,300.66	5	2,659.07	5	3,017.48	5	3,375.89
1/4	160.72	1/4	518.87	1/4	877.11	1/4	1,233.40	1/4	1,591.30	1/4	1,949.71	1/4	2,308.12	1/4	2,666.54	1/4	3,024.95	1/4	3,383.36
1/2	168.18	1/2	526.33	1/2	884.57	1/2	1,240.79	1/2	1,598.77	1/2	1,957.18	1/2	2,315.59	1/2	2,674.00	1/2	3,032.41	1/2	3,390.82
3/4	175.64	3/4	533.79	3/4	892.04	3/4	1,248.19	3/4	1,606.24	3/4	1,964.65	3/4	2,323.06	3/4	2,681.47	3/4	3,039.88	3/4	3,398.29
6	183.10	6	541.26	6	899.50	6	1,255.59	6	1,613.70	6	1,972.11	6	2,330.53	6	2,688.94	6	3,047.35	6	3,405.76
1/4	190.56	1/4	548.72	1/4	906.96	1/4	1,263.02	1/4	1,621.17	1/4	1,979.58	1/4	2,337.99	1/4	2,696.40	1/4	3,054.81	1/4	3,413.23
1/2	198.02	1/2	556.18	1/2	914.42	1/2	1,270.45	1/2	1,628.64	1/2	1,987.05	1/2	2,345.46	1/2	2,703.87	1/2	3,062.28	1/2	3,420.69
3/4	205.48	3/4	563.65	3/4	921.88	3/4	1,277.88	3/4	1,636.10	3/4	1,994.51	3/4	2,352.93	3/4	2,711.34	3/4	3,069.75	3/4	3,428.16
7	212.94	7	571.11	7	929.35	7	1,285.31	7	1,643.57	7	2,001.98	7	2,360.39	7	2,718.80	7	3,077.22	7	3,434.63
1/4	220.40	1/4	578.58	1/4	936.81	1/4	1,292.74	1/4	1,651.04	1/4	2,009.45	1/4	2,367.86	1/4	2,726.27	1/4	3,084.68	1/4	3,441.10
1/2	227.86	1/2	586.04	1/2	944.27	1/2	1,300.17	1/2	1,658.50	1/2	2,016.92	1/2	2,375.33	1/2	2,733.74	1/2	3,092.15	1/2	3,447.57
3/4	235.32	3/4	593.50	3/4	951.73	3/4	1,307.60	3/4	1,665.97	3/4	2,024.38	3/4	2,382.79	3/4	2,741.20	3/4	3,099.62	3/4	3,454.04
8	242.78	8	600.97	8	959.19	8	1,315.03	8	1,673.44	8	2,031.85	8	2,390.26	8	2,748.67	8	3,107.08	8	3,460.51
1/4	250.24	1/4	608.43	1/4	966.66	1/4	1,322.49	1/4	1,680.90	1/4	2,039.32	1/4	2,397.73	1/4	2,756.14	1/4	3,114.55	1/4	3,466.98
1/2	257.69	1/2	615.89	1/2	974.12	1/2	1,329.96	1/2	1,688.37	1/2	2,046.78	1/2	2,405.19	1/2	2,763.61	1/2	3,122.02	1/2	3,473.45
3/4	265.15	3/4	623.36	3/4	981.58	3/4	1,337.43	3/4	1,695.84	3/4	2,054.25	3/4	2,412.66	3/4	2,771.07	3/4	3,129.48	3/4	3,479.92
9	272.61	9	630.82	9	989.04	9	1,344.89	9	1,703.31	9	2,061.72	9	2,420.13	9	2,778.54	9	3,136.95	9	3,486.39
1/4	280.07	1/4	638.28	1/4	996.51	1/4	1,352.36	1/4	1,710.77	1/4	2,069.18	1/4	2,427.59	1/4	2,786.01	1/4	3,144.42	1/4	3,492.86
1/2	287.53	1/2	645.75	1/2	1,003.97	1/2	1,359.83	1/2	1,718.24	1/2	2,076.65	1/2	2,435.06	1/2	2,793.47	1/2	3,151.88	1/2	3,499.33
3/4	294.99	3/4	653.21	3/4	1,011.43	3/4	1,367.30	3/4	1,725.71	3/4	2,084.12	3/4	2,442.53	3/4	2,800.94	3/4	3,159.35	3/4	3,505.80
10	302.45	10	660.67	10	1,018.89	10	1,374.76	10	1,733.17	10	2,091.58	10	2,450.00	10	2,808.41	10	3,166.82	10	3,512.27
1/4	309.91	1/4	668.14	1/4	1,026.29	1/4	1,382.23	1/4	1,740.64	1/4	2,099.05	1/4	2,457.46	1/4	2,815.87	1/4	3,174.28	1/4	3,518.74
1/2	317.37	1/2	675.60	1/2	1,033.68	1/2	1,389.70	1/2	1,748.11	1/2	2,106.52	1/2	2,464.93	1/2	2,823.34	1/2	3,181.75	1/2	3,525.21
3/4	324.83	3/4	683.07	3/4	1,041.08	3/4	1,397.16	3/4	1,755.57	3/4	2,113.98	3/4	2,472.40	3/4	2,830.81	3/4	3,189.22	3/4	3,531.68
11	332.29	11	690.53	11	1,048.48	11	1,404.63	11	1,763.04	11	2,121.45	11	2,479.86	11	2,838.27	11	3,196.69	11	3,538.15
1/4	339.75	1/4	697.99	1/4	1,055.88	1/4	1,412.10	1/4	1,770.51	1/4	2,128.92	1/4	2,487.33	1/4	2,845.74	1/4	3,204.15	1/4	3,544.62
1/2	347.21	1/2	705.46	1/2	1,063.27	1/2	1,419.56	1/2	1,777.97	1/2	2,136.39	1/2	2,494.80	1/2	2,853.21	1/2	3,211.62	1/2	3,551.09
3/4	354.67	3/4	712.92	3/4	1,070.67	3/4	1,427.03	3/4	1,785.44	3/4	2,143.85	3/4	2,502.26	3/4	2,860.67	3/4	3,219.09	3/4	3,557.56

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

NOTE: CAPACITY TABLE APPLIES ONLY TO INNAGE GAUGES OBTAINED BY MANUAL GAUGING AT TOP LIP OF MMC VALVE.

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**INTERTEK CALEB BRETT**



DATE STRAPPED: 8/19/08 BY: JF  
 DATE COMPUTED: 8/25/08 BY: WHF  
 DATE ISSUED: 8/25/08

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.	TRIM	* CORRECTION	TRIM	** CORRECTION
0	3,564.03	0	3,830.74	0	4,093.46	0	4,356.19	0	4,618.91	0	4,841.16	0		0		12"	F T 3 3/4	12"	F T -3 3/4
1/4	3,570.50	1/4	3,836.21	1/4	4,098.94	1/4	4,361.66	1/4	4,624.38	1/4		1/4		1/4		9"	O R I 2 7/8	9"	O R I -2 7/8
1/2	3,576.97	1/2	3,841.69	1/2	4,104.41	1/2	4,367.13	1/2	4,629.86	1/2		1/2		1/2		6"	W M 1 7/8	6"	W M -1 7/8
3/4	3,583.44	3/4	3,847.16	3/4	4,109.88	3/4	4,372.61	3/4	4,635.33	3/4		3/4		3/4		3"	A R D 1	3"	A R D -1
1	3,589.31	1	3,852.64	1	4,115.36	1	4,378.08	1	4,640.80	1		1		1		Even	Nil	Even	Nil
1/4	3,595.39	1/4	3,858.11	1/4	4,120.83	1/4	4,383.55	1/4	4,646.28	1/4		1/4		1/4		-3"	S T -1	-3"	S T 1
1/2	3,600.86	1/2	3,863.58	1/2	4,126.31	1/2	4,389.03	1/2	4,651.75	1/2		1/2		1/2		-6"	T E R N -1 7/8	-6"	T E R N 1 7/8
3/4	3,606.33	3/4	3,869.06	3/4	4,131.78	3/4	4,394.50	3/4	4,657.22	3/4		3/4		3/4		-9"	N -2 7/8	-9"	N 2 7/8
2	3,611.81	2	3,874.53	2	4,137.25	2	4,399.98	2	4,662.70	2		2		2		-12"	N -3 3/4	-12"	N 3 3/4
1/4	3,617.28	1/4	3,880.00	1/4	4,142.73	1/4	4,405.45	1/4	4,668.17	1/4		1/4		1/4		-15"		-15"	4 3/4
1/2	3,622.75	1/2	3,885.48	1/2	4,148.20	1/2	4,410.92	1/2	4,673.65	1/2		1/2		1/2		-18"		-18"	5 5/8
3/4	3,628.23	3/4	3,890.95	3/4	4,153.67	3/4	4,416.40	3/4	4,679.12	3/4		3/4		3/4		-21"	T R -6 5/8	-21"	T R 6 5/8
3	3,633.70	3	3,896.42	3	4,159.15	3	4,421.87	3	4,684.59	3		3		3		-24"	M -7 5/8	-24"	M 7 5/8
1/4	3,639.17	1/4	3,901.90	1/4	4,164.62	1/4	4,427.34	1/4	4,690.07	1/4		1/4		1/4		-27"	I -8 1/2	-27"	I 8 1/2
1/2	3,644.65	1/2	3,907.37	1/2	4,170.09	1/2	4,432.82	1/2	4,695.54	1/2		1/2		1/2		-30"	M -9 1/2	-30"	M 9 1/2
3/4	3,650.12	3/4	3,912.84	3/4	4,175.57	3/4	4,438.29	3/4	4,701.01	3/4		3/4		3/4		-33"		-33"	10 3/8
4	3,655.59	4	3,918.32	4	4,181.04	4	4,443.76	4	4,706.49	4		4		4		-36"		-36"	11 3/8
1/4	3,661.07	1/4	3,923.79	1/4	4,186.51	1/4	4,449.24	1/4	4,711.96	1/4		1/4		1/4		-39"		-39"	12 1/4
1/2	3,666.54	1/2	3,929.26	1/2	4,191.99	1/2	4,454.71	1/2	4,717.43	1/2		1/2		1/2		-42"		-42"	13 1/4
3/4	3,672.01	3/4	3,934.74	3/4	4,197.46	3/4	4,460.18	3/4	4,722.91	3/4		3/4		3/4		-45"		-45"	14 1/4
5	3,677.49	5	3,940.21	5	4,202.93	5	4,465.66	5	4,728.38	5		5		5		-48"		-48"	15 1/8
1/4	3,682.96	1/4	3,945.68	1/4	4,208.41	1/4	4,471.13	1/4	4,733.85	1/4		1/4		1/4					
1/2	3,688.43	1/2	3,951.16	1/2	4,213.88	1/2	4,476.60	1/2	4,739.33	1/2		1/2		1/2					
3/4	3,693.91	3/4	3,956.63	3/4	4,219.35	3/4	4,482.08	3/4	4,744.80	3/4		3/4		3/4					
6	3,699.38	6	3,962.10	6	4,224.83	6	4,487.55	6	4,750.27	6		6		6		APPLY TRIM CORRECTION TO INNAGES OBTAINED AT THE MMC GAUGE POINT.		APPLY TRIM CORRECTION TO INNAGES OBTAINED AT THE MMC GAUGE POINT.	
1/4	3,704.85	1/4	3,967.58	1/4	4,230.30	1/4	4,493.02	1/4	4,755.75	1/4		1/4		1/4		NEGATIVE CORRECTION (-), SUBTRACT FROM INNAGE.		NEGATIVE CORRECTION (-), SUBTRACT FROM INNAGE.	
1/2	3,710.33	1/2	3,973.05	1/2	4,235.77	1/2	4,498.50	1/2	4,761.22	1/2		1/2		1/2		FOR TRIM BY THE STERN, THE CORRECTION IS SUBTRACTED FROM INNAGES.		FOR TRIM BY THE STERN, THE CORRECTION IS ADDED TO INNAGES.	
3/4	3,715.80	3/4	3,978.52	3/4	4,241.25	3/4	4,503.97	3/4	4,766.69	3/4		3/4		3/4					
7	3,721.27	7	3,984.00	7	4,246.72	7	4,509.44	7	4,772.17	7		7		7					
1/4	3,726.75	1/4	3,989.47	1/4	4,252.19	1/4	4,514.92	1/4	4,777.64	1/4		1/4		1/4					
1/2	3,732.22	1/2	3,994.94	1/2	4,257.67	1/2	4,520.39	1/2	4,782.49	1/2		1/2		1/2					
3/4	3,737.69	3/4	4,000.42	3/4	4,263.14	3/4	4,525.86	3/4	4,787.33	3/4		3/4		3/4					
8	3,743.17	8	4,005.89	8	4,268.61	8	4,531.34	8	4,792.18	8		8		8					
1/4	3,748.64	1/4	4,011.36	1/4	4,274.09	1/4	4,536.81	1/4	4,797.03	1/4		1/4		1/4					
1/2	3,754.11	1/2	4,016.84	1/2	4,279.56	1/2	4,542.28	1/2	4,801.24	1/2		1/2		1/2					
3/4	3,759.59	3/4	4,022.31	3/4	4,285.03	3/4	4,547.76	3/4	4,805.46	3/4		3/4		3/4					
9	3,765.06	9	4,027.78	9	4,290.51	9	4,553.23	9	4,809.68	9		9		9					
1/4	3,770.53	1/4	4,033.26	1/4	4,295.98	1/4	4,558.70	1/4	4,813.90	1/4		1/4		1/4					
1/2	3,776.01	1/2	4,038.73	1/2	4,301.45	1/2	4,564.18	1/2	4,817.21	1/2		1/2		1/2					
3/4	3,781.48	3/4	4,044.20	3/4	4,306.93	3/4	4,569.65	3/4	4,820.52	3/4		3/4		3/4					
10	3,786.95	10	4,049.68	10	4,312.40	10	4,575.12	10	4,823.83	10		10		10					
1/4	3,792.43	1/4	4,055.15	1/4	4,317.87	1/4	4,580.60	1/4	4,827.13	1/4		1/4		1/4					
1/2	3,797.90	1/2	4,060.62	1/2	4,323.35	1/2	4,586.07	1/2	4,829.53	1/2		1/2		1/2					
3/4	3,803.37	3/4	4,066.10	3/4	4,328.82	3/4	4,591.54	3/4	4,831.92	3/4		3/4		3/4					
11	3,808.85	11	4,071.57	11	4,334.29	11	4,597.02	11	4,834.32	11		11		11		* CORRECTION ONLY APPLIES TO INNAGES GREATER THAN 12' 6 1/2".		** CORRECTION ONLY APPLIES TO INNAGES LESS THAN 12' 6 1/2".	
1/4	3,814.32	1/4	4,077.04	1/4	4,339.77	1/4	4,602.49	1/4	4,836.71	1/4		1/4		1/4					
1/2	3,819.79	1/2	4,082.52	1/2	4,345.24	1/2	4,607.96	1/2	4,838.20	1/2		1/2		1/2					
3/4	3,825.27	3/4	4,087.99	3/4	4,350.71	3/4	4,613.44	3/4	4,839.68	3/4		3/4		3/4					

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

NOTE: CAPACITY TABLE APPLIES ONLY TO INNAGE GAUGES OBTAINED BY MANUAL GAUGING AT TOP LIP OF MMC VALVE.

NOTE: GAUGE POINT IS LOCATED 51 FT FROM THE AFT BULKHEAD OF TANK - APPLY CORRECTION WHEN REQUIRED.

NOTE: FOR GREATER ACCURACY, BARGE SHOULD BE UPRIGHT AND ON EVEN KEEL.

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

**INTERTEK CALEB BRETT**



DATE STRAPPED: 8/19/08 BY: JF  
 DATE COMPUTED: 8/25/08 BY: WHF  
 DATE ISSUED: 8/25/08

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	18.96	0	362.13	0	720.38	0	1,078.07	0	1,434.50	0	1,792.91	0	2,151.32	0	2,509.73	0	2,868.14	0	3,226.55
1/4	23.62	1/4	369.59	1/4	727.85	1/4	1,085.46	1/4	1,441.96	1/4	1,800.38	1/4	2,158.79	1/4	2,517.20	1/4	2,875.61	1/4	3,234.02
1/2	28.29	1/2	377.06	1/2	735.31	1/2	1,092.86	1/2	1,449.43	1/2	1,807.84	1/2	2,166.25	1/2	2,524.66	1/2	2,883.08	1/2	3,241.49
3/4	32.95	3/4	384.52	3/4	742.77	3/4	1,100.26	3/4	1,456.90	3/4	1,815.31	3/4	2,173.72	3/4	2,532.13	3/4	2,890.54	3/4	3,248.95
1	37.62	1	391.99	1	750.24	1	1,107.65	1	1,464.36	1	1,822.78	1	2,181.19	1	2,539.60	1	2,898.01	1	3,256.42
1/4	44.15	1/4	399.45	1/4	757.70	1/4	1,115.05	1/4	1,471.83	1/4	1,830.24	1/4	2,188.65	1/4	2,547.07	1/4	2,905.48	1/4	3,263.89
1/2	50.68	1/2	406.91	1/2	765.17	1/2	1,122.45	1/2	1,479.30	1/2	1,837.71	1/2	2,196.12	1/2	2,554.53	1/2	2,912.94	1/2	3,271.35
3/4	57.21	3/4	414.38	3/4	772.63	3/4	1,129.84	3/4	1,486.77	3/4	1,845.18	3/4	2,203.59	3/4	2,562.00	3/4	2,920.41	3/4	3,278.82
2	63.74	2	421.84	2	780.09	2	1,137.24	2	1,494.23	2	1,852.64	2	2,211.05	2	2,569.47	2	2,927.88	2	3,286.29
1/4	71.20	1/4	429.30	1/4	787.56	1/4	1,144.64	1/4	1,501.70	1/4	1,860.11	1/4	2,218.52	1/4	2,576.93	1/4	2,935.34	1/4	3,293.76
1/2	78.66	1/2	436.77	1/2	795.02	1/2	1,152.03	1/2	1,509.17	1/2	1,867.58	1/2	2,225.99	1/2	2,584.40	1/2	2,942.81	1/2	3,301.22
3/4	86.12	3/4	444.23	3/4	802.48	3/4	1,159.43	3/4	1,516.63	3/4	1,875.04	3/4	2,233.46	3/4	2,591.87	3/4	2,950.28	3/4	3,308.69
3	93.58	3	451.69	3	809.95	3	1,166.83	3	1,524.10	3	1,882.51	3	2,240.92	3	2,599.33	3	2,957.74	3	3,316.16
1/4	101.04	1/4	459.16	1/4	817.41	1/4	1,174.22	1/4	1,531.57	1/4	1,889.98	1/4	2,248.39	1/4	2,606.80	1/4	2,965.21	1/4	3,323.62
1/2	108.50	1/2	466.62	1/2	824.87	1/2	1,181.62	1/2	1,539.03	1/2	1,897.44	1/2	2,255.86	1/2	2,614.27	1/2	2,972.68	1/2	3,331.09
3/4	115.96	3/4	474.08	3/4	832.34	3/4	1,189.02	3/4	1,546.50	3/4	1,904.91	3/4	2,263.32	3/4	2,621.73	3/4	2,980.15	3/4	3,338.56
4	123.42	4	481.55	4	839.80	4	1,196.41	4	1,553.97	4	1,912.38	4	2,270.79	4	2,629.20	4	2,987.61	4	3,346.02
1/4	130.88	1/4	489.01	1/4	847.26	1/4	1,203.81	1/4	1,561.43	1/4	1,919.85	1/4	2,278.26	1/4	2,636.67	1/4	2,995.08	1/4	3,353.49
1/2	138.34	1/2	496.48	1/2	854.73	1/2	1,211.21	1/2	1,568.90	1/2	1,927.31	1/2	2,285.72	1/2	2,644.13	1/2	3,002.55	1/2	3,360.96
3/4	145.80	3/4	503.94	3/4	862.19	3/4	1,218.60	3/4	1,576.37	3/4	1,934.78	3/4	2,293.19	3/4	2,651.60	3/4	3,010.01	3/4	3,368.42
5	153.26	5	511.40	5	869.65	5	1,226.00	5	1,583.84	5	1,942.25	5	2,300.66	5	2,659.07	5	3,017.48	5	3,375.89
1/4	160.72	1/4	518.87	1/4	877.11	1/4	1,233.40	1/4	1,591.30	1/4	1,949.71	1/4	2,308.12	1/4	2,666.54	1/4	3,024.95	1/4	3,383.36
1/2	168.18	1/2	526.33	1/2	884.57	1/2	1,240.79	1/2	1,598.77	1/2	1,957.18	1/2	2,315.59	1/2	2,674.00	1/2	3,032.41	1/2	3,390.82
3/4	175.64	3/4	533.79	3/4	892.04	3/4	1,248.19	3/4	1,606.24	3/4	1,964.65	3/4	2,323.06	3/4	2,681.47	3/4	3,039.88	3/4	3,398.29
6	183.10	6	541.26	6	899.50	6	1,255.59	6	1,613.70	6	1,972.11	6	2,330.53	6	2,688.94	6	3,047.35	6	3,405.76
1/4	190.56	1/4	548.72	1/4	906.96	1/4	1,263.02	1/4	1,621.17	1/4	1,979.58	1/4	2,337.99	1/4	2,696.40	1/4	3,054.81	1/4	3,413.23
1/2	198.02	1/2	556.18	1/2	914.42	1/2	1,270.45	1/2	1,628.64	1/2	1,987.05	1/2	2,345.46	1/2	2,703.87	1/2	3,062.28	1/2	3,420.69
3/4	205.48	3/4	563.65	3/4	921.88	3/4	1,277.88	3/4	1,636.10	3/4	1,994.51	3/4	2,352.93	3/4	2,711.34	3/4	3,069.75	3/4	3,428.16
7	212.94	7	571.11	7	929.35	7	1,285.31	7	1,643.57	7	2,001.98	7	2,360.39	7	2,718.80	7	3,077.22	7	3,434.63
1/4	220.40	1/4	578.58	1/4	936.81	1/4	1,292.74	1/4	1,651.04	1/4	2,009.45	1/4	2,367.86	1/4	2,726.27	1/4	3,084.68	1/4	3,441.10
1/2	227.86	1/2	586.04	1/2	944.27	1/2	1,300.17	1/2	1,658.50	1/2	2,016.92	1/2	2,375.33	1/2	2,733.74	1/2	3,092.15	1/2	3,447.57
3/4	235.32	3/4	593.50	3/4	951.73	3/4	1,307.60	3/4	1,665.97	3/4	2,024.38	3/4	2,382.79	3/4	2,741.20	3/4	3,099.62	3/4	3,454.04
8	242.78	8	600.97	8	959.19	8	1,315.03	8	1,673.44	8	2,031.85	8	2,390.26	8	2,748.67	8	3,107.08	8	3,460.51
1/4	250.24	1/4	608.43	1/4	966.66	1/4	1,322.49	1/4	1,680.90	1/4	2,039.32	1/4	2,397.73	1/4	2,756.14	1/4	3,114.55	1/4	3,466.98
1/2	257.69	1/2	615.89	1/2	974.12	1/2	1,329.96	1/2	1,688.37	1/2	2,046.78	1/2	2,405.19	1/2	2,763.61	1/2	3,122.02	1/2	3,473.45
3/4	265.15	3/4	623.36	3/4	981.58	3/4	1,337.43	3/4	1,695.84	3/4	2,054.25	3/4	2,412.66	3/4	2,771.07	3/4	3,129.48	3/4	3,479.92
9	272.61	9	630.82	9	989.04	9	1,344.89	9	1,703.31	9	2,061.72	9	2,420.13	9	2,778.54	9	3,136.95	9	3,486.39
1/4	280.07	1/4	638.28	1/4	996.51	1/4	1,352.36	1/4	1,710.77	1/4	2,069.18	1/4	2,427.59	1/4	2,786.01	1/4	3,144.42	1/4	3,492.86
1/2	287.53	1/2	645.75	1/2	1,003.97	1/2	1,359.83	1/2	1,718.24	1/2	2,076.65	1/2	2,435.06	1/2	2,793.47	1/2	3,151.88	1/2	3,499.33
3/4	294.99	3/4	653.21	3/4	1,011.43	3/4	1,367.30	3/4	1,725.71	3/4	2,084.12	3/4	2,442.53	3/4	2,800.94	3/4	3,159.35	3/4	3,505.80
10	302.45	10	660.67	10	1,018.89	10	1,374.76	10	1,733.17	10	2,091.58	10	2,450.00	10	2,808.41	10	3,166.82	10	3,512.27
1/4	309.91	1/4	668.14	1/4	1,026.29	1/4	1,382.23	1/4	1,740.64	1/4	2,099.05	1/4	2,457.46	1/4	2,815.87	1/4	3,174.28	1/4	3,518.74
1/2	317.37	1/2	675.60	1/2	1,033.68	1/2	1,389.70	1/2	1,748.11	1/2	2,106.52	1/2	2,464.93	1/2	2,823.34	1/2	3,181.75	1/2	3,525.21
3/4	324.83	3/4	683.07	3/4	1,041.08	3/4	1,397.16	3/4	1,755.57	3/4	2,113.98	3/4	2,472.40	3/4	2,830.81	3/4	3,189.22	3/4	3,531.68
11	332.29	11	690.53	11	1,048.48	11	1,404.63	11	1,763.04	11	2,121.45	11	2,479.86	11	2,838.27	11	3,196.69	11	3,538.15
1/4	339.75	1/4	697.99	1/4	1,055.88	1/4	1,412.10	1/4	1,770.51	1/4	2,128.92	1/4	2,487.33	1/4	2,845.74	1/4	3,204.15	1/4	3,544.62
1/2	347.21	1/2	705.46	1/2	1,063.27	1/2	1,419.56	1/2	1,777.97	1/2	2,136.39	1/2	2,494.80	1/2	2,853.21	1/2	3,211.62	1/2	3,551.09
3/4	354.67	3/4	712.92	3/4	1,070.67	3/4	1,427.03	3/4	1,785.44	3/4	2,143.85	3/4	2,502.26	3/4	2,860.67	3/4	3,219.09	3/4	3,557.56

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

NOTE: CAPACITY TABLE APPLIES ONLY TO INNAGE GAUGES OBTAINED BY MANUAL GAUGING AT TOP LIP OF MMC VALVE.

NOTE: GAUGE POINT IS LOCATED NEAR LONGITUDINAL CENTER OF TANK - CORRECTION FOR TRIM NOT REQUIRED.

NOTE: FOR GREATER ACCURACY, BARGE SHOULD BE UPRIGHT AND ON EVEN KEEL.

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

**INTERTEK CALEB BRETT**



DATE STRAPPED: 8/19/08 BY: JF  
 DATE COMPUTED: 8/25/08 BY: WHF  
 DATE ISSUED: 8/25/08

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.	TRIM	* CORRECTION	TRIM	** CORRECTION
0	3,564.03	0	3,830.74	0	4,093.46	0	4,356.19	0	4,618.91	0	4,841.16	0		0		12"	F T 3 3/4	12"	F T -3 3/4
1/4	3,570.50	1/4	3,836.21	1/4	4,098.94	1/4	4,361.66	1/4	4,624.38	1/4		1/4		1/4		9"	O R I 2 7/8	9"	O R I -2 7/8
1/2	3,576.97	1/2	3,841.69	1/2	4,104.41	1/2	4,367.13	1/2	4,629.86	1/2		1/2		1/2		6"	W M 1 7/8	6"	W M -1 7/8
3/4	3,583.44	3/4	3,847.16	3/4	4,109.88	3/4	4,372.61	3/4	4,635.33	3/4		3/4		3/4		3"	A R D 1	3"	A R D -1
1	3,589.91	1	3,852.64	1	4,115.36	1	4,378.08	1	4,640.80	1		1		1		Even	Nil	Even	Nil
1/4	3,595.39	1/4	3,858.11	1/4	4,120.83	1/4	4,383.55	1/4	4,646.28	1/4		1/4		1/4		-3"	-1	-3"	1
1/2	3,600.86	1/2	3,863.58	1/2	4,126.31	1/2	4,389.03	1/2	4,651.75	1/2		1/2		1/2		-6"	S T -1 7/8	-6"	S T 1 7/8
3/4	3,606.33	3/4	3,869.06	3/4	4,131.78	3/4	4,394.50	3/4	4,657.22	3/4		3/4		3/4		-9"	S T -2 7/8	-9"	S T 2 7/8
2	3,611.81	2	3,874.53	2	4,137.25	2	4,399.98	2	4,662.70	2		2		2		-12"	S T -3 3/4	-12"	S T 3 3/4
1/4	3,617.28	1/4	3,880.00	1/4	4,142.73	1/4	4,405.45	1/4	4,668.17	1/4		1/4		1/4		-15"	N -4 3/4	-15"	N 4 3/4
1/2	3,622.75	1/2	3,885.48	1/2	4,148.20	1/2	4,410.92	1/2	4,673.65	1/2		1/2		1/2		-18"	N -5 5/8	-18"	N 5 5/8
3/4	3,628.23	3/4	3,890.95	3/4	4,153.67	3/4	4,416.40	3/4	4,679.12	3/4		3/4		3/4		-21"	N -6 5/8	-21"	N 6 5/8
3	3,633.70	3	3,896.42	3	4,159.15	3	4,421.87	3	4,684.59	3		3		3		-24"	N -7 5/8	-24"	N 7 5/8
1/4	3,639.17	1/4	3,901.90	1/4	4,164.62	1/4	4,427.34	1/4	4,690.07	1/4		1/4		1/4		-27"	T R -8 1/2	-27"	T R 8 1/2
1/2	3,644.65	1/2	3,907.37	1/2	4,170.09	1/2	4,432.82	1/2	4,695.54	1/2		1/2		1/2		-30"	I M -9 1/2	-30"	I M 9 1/2
3/4	3,650.12	3/4	3,912.84	3/4	4,175.57	3/4	4,438.29	3/4	4,701.01	3/4		3/4		3/4		-33"	I M -10 3/8	-33"	I M 10 3/8
4	3,655.59	4	3,918.32	4	4,181.04	4	4,443.76	4	4,706.49	4		4		4		-36"	I M -11 3/8	-36"	I M 11 3/8
1/4	3,661.07	1/4	3,923.79	1/4	4,186.51	1/4	4,449.24	1/4	4,711.96	1/4		1/4		1/4		-39"	-12 1/4	-39"	12 1/4
1/2	3,666.54	1/2	3,929.26	1/2	4,191.99	1/2	4,454.71	1/2	4,717.43	1/2		1/2		1/2		-42"	-13 1/4	-42"	13 1/4
3/4	3,672.01	3/4	3,934.74	3/4	4,197.46	3/4	4,460.18	3/4	4,722.91	3/4		3/4		3/4		-45"	-14 1/4	-45"	14 1/4
5	3,677.49	5	3,940.21	5	4,202.93	5	4,465.66	5	4,728.38	5		5		5		-48"	-15 1/8	-48"	15 1/8
1/4	3,682.96	1/4	3,945.68	1/4	4,208.41	1/4	4,471.13	1/4	4,733.85	1/4		1/4		1/4					
1/2	3,688.43	1/2	3,951.16	1/2	4,213.88	1/2	4,476.60	1/2	4,739.33	1/2		1/2		1/2					
3/4	3,693.91	3/4	3,956.63	3/4	4,219.35	3/4	4,482.08	3/4	4,744.80	3/4		3/4		3/4					
6	3,699.38	6	3,962.10	6	4,224.83	6	4,487.55	6	4,750.27	6		6		6		APPLY TRIM CORRECTION TO INNAGES OBTAINED AT THE MMC GAUGE POINT.		APPLY TRIM CORRECTION TO INNAGES OBTAINED AT THE MMC GAUGE POINT.	
1/4	3,704.85	1/4	3,967.58	1/4	4,230.30	1/4	4,493.02	1/4	4,755.75	1/4		1/4		1/4		NEGATIVE CORRECTION (-), SUBTRACT FROM INNAGE.		NEGATIVE CORRECTION (-), SUBTRACT FROM INNAGE.	
1/2	3,710.33	1/2	3,973.05	1/2	4,235.77	1/2	4,498.50	1/2	4,761.22	1/2		1/2		1/2					
3/4	3,715.80	3/4	3,978.52	3/4	4,241.25	3/4	4,503.97	3/4	4,766.69	3/4		3/4		3/4					
7	3,721.27	7	3,984.00	7	4,246.72	7	4,509.44	7	4,772.17	7		7		7		FOR TRIM BY THE STERN, THE CORRECTION IS SUBTRACTED FROM INNAGES.		FOR TRIM BY THE STERN, THE CORRECTION IS ADDED TO INNAGES.	
1/4	3,726.75	1/4	3,989.47	1/4	4,252.19	1/4	4,514.92	1/4	4,777.64	1/4		1/4		1/4					
1/2	3,732.22	1/2	3,994.94	1/2	4,257.67	1/2	4,520.39	1/2	4,782.49	1/2		1/2		1/2					
3/4	3,737.69	3/4	4,000.42	3/4	4,263.14	3/4	4,525.86	3/4	4,787.33	3/4		3/4		3/4					
8	3,743.17	8	4,005.89	8	4,268.61	8	4,531.34	8	4,792.18	8		8		8					
1/4	3,748.64	1/4	4,011.36	1/4	4,274.09	1/4	4,536.81	1/4	4,797.03	1/4		1/4		1/4					
1/2	3,754.11	1/2	4,016.84	1/2	4,279.56	1/2	4,542.28	1/2	4,801.24	1/2		1/2		1/2					
3/4	3,759.59	3/4	4,022.31	3/4	4,285.03	3/4	4,547.76	3/4	4,805.46	3/4		3/4		3/4					
9	3,765.06	9	4,027.78	9	4,290.51	9	4,553.23	9	4,809.68	9		9		9					
1/4	3,770.53	1/4	4,033.26	1/4	4,295.98	1/4	4,558.70	1/4	4,813.90	1/4		1/4		1/4					
1/2	3,776.01	1/2	4,038.73	1/2	4,301.45	1/2	4,564.18	1/2	4,817.21	1/2		1/2		1/2					
3/4	3,781.48	3/4	4,044.20	3/4	4,306.93	3/4	4,569.65	3/4	4,820.52	3/4		3/4		3/4					
10	3,786.95	10	4,049.68	10	4,312.40	10	4,575.12	10	4,823.83	10		10		10					
1/4	3,792.43	1/4	4,055.15	1/4	4,317.87	1/4	4,580.60	1/4	4,827.13	1/4		1/4		1/4					
1/2	3,797.90	1/2	4,060.62	1/2	4,323.35	1/2	4,586.07	1/2	4,829.53	1/2		1/2		1/2					
3/4	3,803.37	3/4	4,066.10	3/4	4,328.82	3/4	4,591.54	3/4	4,831.92	3/4		3/4		3/4					
11	3,808.85	11	4,071.57	11	4,334.29	11	4,597.02	11	4,834.32	11		11		11		* CORRECTION ONLY APPLIES TO INNAGES GREATER THAN 12' 6 1/2".		** CORRECTION ONLY APPLIES TO INNAGES LESS THAN 12' 6 1/2".	
1/4	3,814.32	1/4	4,077.04	1/4	4,339.77	1/4	4,602.49	1/4	4,836.71	1/4		1/4		1/4					
1/2	3,819.79	1/2	4,082.52	1/2	4,345.24	1/2	4,607.96	1/2	4,838.20	1/2		1/2		1/2					
3/4	3,825.27	3/4	4,087.99	3/4	4,350.71	3/4	4,613.44	3/4	4,839.68	3/4		3/4		3/4					

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

NOTE: CAPACITY TABLE APPLIES ONLY TO INNAGE GAUGES OBTAINED BY MANUAL GAUGING AT TOP LIP OF MMC VALVE.

NOTE: GAUGE POINT IS LOCATED 51 FT FROM THE AFT BULKHEAD OF TANK - APPLY CORRECTION WHEN REQUIRED.

NOTE: FOR GREATER ACCURACY, BARGE SHOULD BE UPRIGHT AND ON EVEN KEEL.

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

**INTERTEK CALEB BRETT**

DATE STRAPPED: 8/19/08 BY: JF  
 DATE COMPUTED: 8/25/08 BY: WHF  
 DATE ISSUED: 8/25/08