

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	14.46	0	269.10	0	572.05	0	882.53	0	1,192.96	0	1,503.53	0	1,814.09	0	2,124.66	0	2,435.23	0	2,745.80
1/4	17.73	1/4	275.08	1/4	578.52	1/4	889.00	1/4	1,199.43	1/4	1,510.00	1/4	1,820.56	1/4	2,131.13	1/4	2,441.70	1/4	2,752.27
1/2	20.99	1/2	281.06	1/2	584.99	1/2	895.46	1/2	1,205.90	1/2	1,516.47	1/2	1,827.04	1/2	2,137.60	1/2	2,448.17	1/2	2,758.74
3/4	24.25	3/4	287.04	3/4	591.46	3/4	901.93	3/4	1,212.37	3/4	1,522.94	3/4	1,833.51	3/4	2,144.07	3/4	2,454.64	3/4	2,765.21
1	27.51	1	293.02	1	597.93	1	908.39	1	1,218.84	1	1,529.41	1	1,839.98	1	2,150.55	1	2,461.11	1	2,771.68
1/4	32.08	1/4	299.07	1/4	604.40	1/4	914.86	1/4	1,225.31	1/4	1,535.88	1/4	1,846.45	1/4	2,157.02	1/4	2,467.58	1/4	2,778.15
1/2	36.65	1/2	305.13	1/2	610.87	1/2	921.32	1/2	1,231.78	1/2	1,542.35	1/2	1,852.92	1/2	2,163.49	1/2	2,474.06	1/2	2,784.62
3/4	41.22	3/4	311.18	3/4	617.34	3/4	927.79	3/4	1,238.25	3/4	1,548.82	3/4	1,859.39	3/4	2,169.96	3/4	2,480.53	3/4	2,791.09
2	45.79	2	317.24	2	623.81	2	934.25	2	1,244.72	2	1,555.29	2	1,865.86	2	2,176.43	2	2,487.00	2	2,797.57
1/4	51.04	1/4	323.36	1/4	630.28	1/4	940.72	1/4	1,251.19	1/4	1,561.76	1/4	1,872.33	1/4	2,182.90	1/4	2,493.47	1/4	2,804.04
1/2	56.30	1/2	329.49	1/2	636.75	1/2	947.18	1/2	1,257.66	1/2	1,568.23	1/2	1,878.80	1/2	2,189.37	1/2	2,499.94	1/2	2,810.51
3/4	61.56	3/4	335.61	3/4	643.22	3/4	953.65	3/4	1,264.13	3/4	1,574.70	3/4	1,885.27	3/4	2,195.84	3/4	2,506.41	3/4	2,816.98
3	66.81	3	341.74	3	649.69	3	960.11	3	1,270.60	3	1,581.17	3	1,891.74	3	2,202.31	3	2,512.88	3	2,823.45
1/4	72.14	1/4	347.94	1/4	656.16	1/4	966.58	1/4	1,277.07	1/4	1,587.64	1/4	1,898.21	1/4	2,208.78	1/4	2,519.35	1/4	2,829.92
1/2	77.47	1/2	354.14	1/2	662.63	1/2	973.04	1/2	1,283.54	1/2	1,594.11	1/2	1,904.68	1/2	2,215.25	1/2	2,525.82	1/2	2,836.39
3/4	82.80	3/4	360.33	3/4	669.10	3/4	979.51	3/4	1,290.01	3/4	1,600.58	3/4	1,911.15	3/4	2,221.72	3/4	2,532.29	3/4	2,842.86
4	88.13	4	366.53	4	675.57	4	985.97	4	1,296.48	4	1,607.05	4	1,917.62	4	2,228.19	4	2,538.76	4	2,849.33
1/4	93.53	1/4	372.80	1/4	682.04	1/4	992.44	1/4	1,302.95	1/4	1,613.52	1/4	1,924.09	1/4	2,234.66	1/4	2,545.23	1/4	2,855.80
1/2	98.93	1/2	379.07	1/2	688.50	1/2	998.90	1/2	1,309.42	1/2	1,619.99	1/2	1,930.56	1/2	2,241.13	1/2	2,551.70	1/2	2,862.27
3/4	104.34	3/4	385.34	3/4	694.97	3/4	1,005.37	3/4	1,315.89	3/4	1,626.46	3/4	1,937.03	3/4	2,247.60	3/4	2,558.17	3/4	2,868.74
5	109.74	5	391.62	5	701.44	5	1,011.83	5	1,322.36	5	1,632.93	5	1,943.50	5	2,254.07	5	2,564.64	5	2,875.21
1/4	115.21	1/4	397.96	1/4	707.91	1/4	1,018.30	1/4	1,328.83	1/4	1,639.40	1/4	1,949.97	1/4	2,260.54	1/4	2,571.11	1/4	2,881.68
1/2	120.69	1/2	404.30	1/2	714.38	1/2	1,024.76	1/2	1,335.30	1/2	1,645.87	1/2	1,956.44	1/2	2,267.01	1/2	2,577.58	1/2	2,888.15
3/4	126.16	3/4	410.64	3/4	720.85	3/4	1,031.23	3/4	1,341.77	3/4	1,652.34	3/4	1,962.91	3/4	2,273.48	3/4	2,584.05	3/4	2,894.62
6	131.63	6	416.99	6	727.31	6	1,037.69	6	1,348.24	6	1,658.81	6	1,969.38	6	2,279.95	6	2,590.52	6	2,901.09
1/4	137.18	1/4	423.40	1/4	733.78	1/4	1,044.16	1/4	1,354.71	1/4	1,665.28	1/4	1,975.85	1/4	2,286.42	1/4	2,596.99	1/4	2,907.56
1/2	142.73	1/2	429.82	1/2	740.25	1/2	1,050.63	1/2	1,361.18	1/2	1,671.75	1/2	1,982.32	1/2	2,292.89	1/2	2,603.46	1/2	2,914.03
3/4	148.27	3/4	436.23	3/4	746.72	3/4	1,057.09	3/4	1,367.65	3/4	1,678.22	3/4	1,988.79	3/4	2,299.36	3/4	2,609.93	3/4	2,920.50
7	153.82	7	442.65	7	753.19	7	1,063.56	7	1,374.12	7	1,684.69	7	1,995.26	7	2,305.83	7	2,616.40	7	2,926.97
1/4	159.44	1/4	449.12	1/4	759.66	1/4	1,070.03	1/4	1,380.59	1/4	1,691.16	1/4	2,001.73	1/4	2,312.30	1/4	2,622.87	1/4	2,933.44
1/2	165.06	1/2	455.59	1/2	766.13	1/2	1,076.50	1/2	1,387.06	1/2	1,697.63	1/2	2,008.20	1/2	2,318.77	1/2	2,629.34	1/2	2,939.91
3/4	170.68	3/4	462.06	3/4	772.59	3/4	1,082.96	3/4	1,393.53	3/4	1,704.10	3/4	2,014.67	3/4	2,325.24	3/4	2,635.81	3/4	2,946.38
8	176.30	8	468.53	8	779.06	8	1,089.43	8	1,400.00	8	1,710.57	8	2,021.14	8	2,331.71	8	2,642.28	8	2,952.85
1/4	181.99	1/4	475.00	1/4	785.53	1/4	1,095.90	1/4	1,406.47	1/4	1,717.04	1/4	2,027.61	1/4	2,338.18	1/4	2,648.75	1/4	2,959.32
1/2	187.68	1/2	481.47	1/2	792.00	1/2	1,102.37	1/2	1,412.94	1/2	1,723.51	1/2	2,034.08	1/2	2,344.65	1/2	2,655.22	1/2	2,965.79
3/4	193.37	3/4	487.94	3/4	798.47	3/4	1,108.84	3/4	1,419.41	3/4	1,729.98	3/4	2,040.55	3/4	2,351.12	3/4	2,661.69	3/4	2,972.26
9	199.06	9	494.41	9	804.94	9	1,115.31	9	1,425.88	9	1,736.45	9	2,047.02	9	2,357.59	9	2,668.16	9	2,978.73
1/4	204.83	1/4	500.88	1/4	811.41	1/4	1,121.78	1/4	1,432.35	1/4	1,742.92	1/4	2,053.49	1/4	2,364.06	1/4	2,674.63	1/4	2,985.20
1/2	210.59	1/2	507.35	1/2	817.87	1/2	1,128.25	1/2	1,438.82	1/2	1,749.39	1/2	2,059.96	1/2	2,370.53	1/2	2,681.10	1/2	2,991.67
3/4	216.35	3/4	513.82	3/4	824.34	3/4	1,134.72	3/4	1,445.29	3/4	1,755.86	3/4	2,066.43	3/4	2,377.00	3/4	2,687.57	3/4	2,998.14
10	222.12	10	520.29	10	830.81	10	1,141.19	10	1,451.76	10	1,762.33	10	2,072.90	10	2,383.47	10	2,694.04	10	3,004.61
1/4	227.95	1/4	526.76	1/4	837.28	1/4	1,147.66	1/4	1,458.23	1/4	1,768.80	1/4	2,079.37	1/4	2,389.94	1/4	2,700.51	1/4	3,011.08
1/2	233.79	1/2	533.23	1/2	843.74	1/2	1,154.13	1/2	1,464.70	1/2	1,775.27	1/2	2,085.84	1/2	2,396.41	1/2	2,706.98	1/2	3,017.55
3/4	239.63	3/4	539.70	3/4	850.21	3/4	1,160.60	3/4	1,471.17	3/4	1,781.74	3/4	2,092.31	3/4	2,402.88	3/4	2,713.45	3/4	3,024.02
11	245.46	11	546.17	11	856.67	11	1,167.07	11	1,477.64	11	1,788.21	11	2,098.78	11	2,409.35	11	2,719.92	11	3,030.49
1/4	251.37	1/4	552.64	1/4	863.14	1/4	1,173.54	1/4	1,484.11	1/4	1,794.68	1/4	2,105.25	1/4	2,415.82	1/4	2,726.39	1/4	3,036.96
1/2	257.28	1/2	559.11	1/2	869.60	1/2	1,180.02	1/2	1,490.58	1/2	1,801.15	1/2	2,111.72	1/2	2,422.29	1/2	2,732.86	1/2	3,043.43
3/4	263.19	3/4	565.58	3/4	876.07	3/4	1,186.49	3/4	1,497.05	3/4	1,807.62	3/4	2,118.19	3/4	2,428.76	3/4	2,739.33	3/4	3,049.90

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

NOTE: CAPACITY TABLE APPLIES ONLY TO INNGAGE 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: 05/08/09 BY: JF
 DATE COMPUTED: 05/09/09 BY: WHF
 DATE ISSUED: 05/12/09

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	3,056.37	0	3,366.94	0	3,677.51	0	3,988.08	0	4,298.65	0	4,544.52	0		0		0		0	
1/4	3,062.84	1/4	3,373.41	1/4	3,683.98	1/4	3,994.55	1/4	4,305.12	1/4		1/4		1/4		1/4		1/4	
1/2	3,069.31	1/2	3,379.88	1/2	3,690.45	1/2	4,001.02	1/2	4,311.59	1/2		1/2		1/2		1/2		1/2	
3/4	3,075.78	3/4	3,386.35	3/4	3,696.92	3/4	4,007.49	3/4	4,318.06	3/4		3/4		3/4		3/4		3/4	
1	3,082.25	1	3,392.82	1	3,703.39	1	4,013.96	1	4,324.53	1		1		1		1		1	
1/4	3,088.72	1/4	3,399.29	1/4	3,709.86	1/4	4,020.43	1/4	4,331.00	1/4		1/4		1/4		1/4		1/4	
1/2	3,095.19	1/2	3,405.76	1/2	3,716.33	1/2	4,026.90	1/2	4,337.47	1/2		1/2		1/2		1/2		1/2	
3/4	3,101.66	3/4	3,412.23	3/4	3,722.80	3/4	4,033.37	3/4	4,343.94	3/4		3/4		3/4		3/4		3/4	
2	3,108.13	2	3,418.70	2	3,729.27	2	4,039.84	2	4,350.41	2		2		2		2		2	
1/4	3,114.60	1/4	3,425.17	1/4	3,735.74	1/4	4,046.31	1/4	4,356.88	1/4		1/4		1/4		1/4		1/4	
1/2	3,121.08	1/2	3,431.64	1/2	3,742.21	1/2	4,052.78	1/2	4,363.35	1/2		1/2		1/2		1/2		1/2	
3/4	3,127.55	3/4	3,438.11	3/4	3,748.68	3/4	4,059.25	3/4	4,369.82	3/4		3/4		3/4		3/4		3/4	
3	3,134.02	3	3,444.59	3	3,755.15	3	4,065.72	3	4,376.29	3		3		3		3		3	
1/4	3,140.49	1/4	3,451.06	1/4	3,761.62	1/4	4,072.19	1/4	4,382.76	1/4		1/4		1/4		1/4		1/4	
1/2	3,146.96	1/2	3,457.53	1/2	3,768.10	1/2	4,078.66	1/2	4,389.23	1/2		1/2		1/2		1/2		1/2	
3/4	3,153.43	3/4	3,464.00	3/4	3,774.57	3/4	4,085.13	3/4	4,395.70	3/4		3/4		3/4		3/4		3/4	
4	3,159.90	4	3,470.47	4	3,781.04	4	4,091.61	4	4,402.17	4		4		4		4		4	
1/4	3,166.37	1/4	3,476.94	1/4	3,787.51	1/4	4,098.08	1/4	4,408.64	1/4		1/4		1/4		1/4		1/4	
1/2	3,172.84	1/2	3,483.41	1/2	3,793.98	1/2	4,104.55	1/2	4,415.12	1/2		1/2		1/2		1/2		1/2	
3/4	3,179.31	3/4	3,489.88	3/4	3,800.45	3/4	4,111.02	3/4	4,421.59	3/4		3/4		3/4		3/4		3/4	
5	3,185.78	5	3,496.35	5	3,806.92	5	4,117.49	5	4,428.06	5		5		5		5		5	
1/4	3,192.25	1/4	3,502.82	1/4	3,813.39	1/4	4,123.96	1/4	4,434.53	1/4		1/4		1/4		1/4		1/4	
1/2	3,198.72	1/2	3,509.29	1/2	3,819.86	1/2	4,130.43	1/2	4,441.00	1/2		1/2		1/2		1/2		1/2	
3/4	3,205.19	3/4	3,515.76	3/4	3,826.33	3/4	4,136.90	3/4	4,447.47	3/4		3/4		3/4		3/4		3/4	
6	3,211.66	6	3,522.23	6	3,832.80	6	4,143.37	6	4,453.94	6		6		6		6		6	
1/4	3,218.13	1/4	3,528.70	1/4	3,839.27	1/4	4,149.84	1/4	4,460.41	1/4		1/4		1/4		1/4		1/4	
1/2	3,224.60	1/2	3,535.17	1/2	3,845.74	1/2	4,156.31	1/2	4,466.88	1/2		1/2		1/2		1/2		1/2	
3/4	3,231.07	3/4	3,541.64	3/4	3,852.21	3/4	4,162.78	3/4	4,473.35	3/4		3/4		3/4		3/4		3/4	
7	3,237.54	7	3,548.11	7	3,858.68	7	4,169.25	7	4,479.82	7		7		7		7		7	
1/4	3,244.01	1/4	3,554.58	1/4	3,865.15	1/4	4,175.72	1/4	4,485.29	1/4		1/4		1/4		1/4		1/4	
1/2	3,250.48	1/2	3,561.05	1/2	3,871.62	1/2	4,182.19	1/2	4,490.60	1/2		1/2		1/2		1/2		1/2	
3/4	3,256.95	3/4	3,567.52	3/4	3,878.09	3/4	4,188.66	3/4	4,495.99	3/4		3/4		3/4		3/4		3/4	
8	3,263.42	8	3,573.99	8	3,884.56	8	4,195.13	8	4,501.38	8		8		8		8		8	
1/4	3,269.89	1/4	3,580.46	1/4	3,891.03	1/4	4,201.60	1/4	4,505.70	1/4		1/4		1/4		1/4		1/4	
1/2	3,276.36	1/2	3,586.93	1/2	3,897.50	1/2	4,208.07	1/2	4,510.01	1/2		1/2		1/2		1/2		1/2	
3/4	3,282.83	3/4	3,593.40	3/4	3,903.97	3/4	4,214.54	3/4	4,514.32	3/4		3/4		3/4		3/4		3/4	
9	3,289.30	9	3,599.87	9	3,910.44	9	4,221.01	9	4,518.64	9		9		9		9		9	
1/4	3,295.77	1/4	3,606.34	1/4	3,916.91	1/4	4,227.48	1/4	4,521.87	1/4		1/4		1/4		1/4		1/4	
1/2	3,302.24	1/2	3,612.81	1/2	3,923.38	1/2	4,233.95	1/2	4,525.11	1/2		1/2		1/2		1/2		1/2	
3/4	3,308.71	3/4	3,619.28	3/4	3,929.85	3/4	4,240.42	3/4	4,528.34	3/4		3/4		3/4		3/4		3/4	
10	3,315.18	10	3,625.75	10	3,936.32	10	4,246.89	10	4,531.58	10		10		10		10		10	
1/4	3,321.65	1/4	3,632.22	1/4	3,942.79	1/4	4,253.36	1/4	4,533.74	1/4		1/4		1/4		1/4		1/4	
1/2	3,328.12	1/2	3,638.69	1/2	3,949.26	1/2	4,259.83	1/2	4,535.89	1/2		1/2		1/2		1/2		1/2	
3/4	3,334.59	3/4	3,645.16	3/4	3,955.73	3/4	4,266.30	3/4	4,538.05	3/4		3/4		3/4		3/4		3/4	
11	3,341.06	11	3,651.63	11	3,962.20	11	4,272.77	11	4,540.21	11		11		11		11		11	
1/4	3,347.53	1/4	3,658.10	1/4	3,968.67	1/4	4,279.24	1/4	4,541.28	1/4		1/4		1/4		1/4		1/4	
1/2	3,354.00	1/2	3,664.57	1/2	3,975.14	1/2	4,285.71	1/2	4,542.36	1/2		1/2		1/2		1/2		1/2	
3/4	3,360.47	3/4	3,671.04	3/4	3,981.61	3/4	4,292.18	3/4	4,543.44	3/4		3/4		3/4		3/4		3/4	

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INTERTEK CALEB BRETT



DATE STRAPPED: 05/08/09 BY: JF
DATE COMPUTED: 05/09/09 BY: WHF
DATE ISSUED: 05/12/09

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	14.46	0	269.10	0	572.05	0	882.53	0	1,192.96	0	1,503.53	0	1,814.09	0	2,124.66	0	2,435.23	0	2,745.80
1/4	17.73	1/4	275.08	1/4	578.52	1/4	889.00	1/4	1,199.43	1/4	1,510.00	1/4	1,820.56	1/4	2,131.13	1/4	2,441.70	1/4	2,752.27
1/2	20.99	1/2	281.06	1/2	584.99	1/2	895.46	1/2	1,205.90	1/2	1,516.47	1/2	1,827.04	1/2	2,137.60	1/2	2,448.17	1/2	2,758.74
3/4	24.25	3/4	287.04	3/4	591.46	3/4	901.93	3/4	1,212.37	3/4	1,522.94	3/4	1,833.51	3/4	2,144.07	3/4	2,454.64	3/4	2,765.21
1	27.51	1	293.02	1	597.93	1	908.39	1	1,218.84	1	1,529.41	1	1,839.98	1	2,150.55	1	2,461.11	1	2,771.68
1/4	32.08	1/4	299.07	1/4	604.40	1/4	914.86	1/4	1,225.31	1/4	1,535.88	1/4	1,846.45	1/4	2,157.02	1/4	2,467.58	1/4	2,778.15
1/2	36.65	1/2	305.13	1/2	610.87	1/2	921.32	1/2	1,231.78	1/2	1,542.35	1/2	1,852.92	1/2	2,163.49	1/2	2,474.06	1/2	2,784.62
3/4	41.22	3/4	311.18	3/4	617.34	3/4	927.79	3/4	1,238.25	3/4	1,548.82	3/4	1,859.39	3/4	2,169.96	3/4	2,480.53	3/4	2,791.09
2	45.79	2	317.24	2	623.81	2	934.25	2	1,244.72	2	1,555.29	2	1,865.86	2	2,176.43	2	2,487.00	2	2,797.57
1/4	51.04	1/4	323.36	1/4	630.28	1/4	940.72	1/4	1,251.19	1/4	1,561.76	1/4	1,872.33	1/4	2,182.90	1/4	2,493.47	1/4	2,804.04
1/2	56.30	1/2	329.49	1/2	636.75	1/2	947.18	1/2	1,257.66	1/2	1,568.23	1/2	1,878.80	1/2	2,189.37	1/2	2,499.94	1/2	2,810.51
3/4	61.56	3/4	335.61	3/4	643.22	3/4	953.65	3/4	1,264.13	3/4	1,574.70	3/4	1,885.27	3/4	2,195.84	3/4	2,506.41	3/4	2,816.98
3	66.81	3	341.74	3	649.69	3	960.11	3	1,270.60	3	1,581.17	3	1,891.74	3	2,202.31	3	2,512.88	3	2,823.45
1/4	72.14	1/4	347.94	1/4	656.16	1/4	966.58	1/4	1,277.07	1/4	1,587.64	1/4	1,898.21	1/4	2,208.78	1/4	2,519.35	1/4	2,829.92
1/2	77.47	1/2	354.14	1/2	662.63	1/2	973.04	1/2	1,283.54	1/2	1,594.11	1/2	1,904.68	1/2	2,215.25	1/2	2,525.82	1/2	2,836.39
3/4	82.80	3/4	360.33	3/4	669.10	3/4	979.51	3/4	1,290.01	3/4	1,600.58	3/4	1,911.15	3/4	2,221.72	3/4	2,532.29	3/4	2,842.86
4	88.13	4	366.53	4	675.57	4	985.97	4	1,296.48	4	1,607.05	4	1,917.62	4	2,228.19	4	2,538.76	4	2,849.33
1/4	93.53	1/4	372.80	1/4	682.04	1/4	992.44	1/4	1,302.95	1/4	1,613.52	1/4	1,924.09	1/4	2,234.66	1/4	2,545.23	1/4	2,855.80
1/2	98.93	1/2	379.07	1/2	688.50	1/2	998.90	1/2	1,309.42	1/2	1,619.99	1/2	1,930.56	1/2	2,241.13	1/2	2,551.70	1/2	2,862.27
3/4	104.34	3/4	385.34	3/4	694.97	3/4	1,005.37	3/4	1,315.89	3/4	1,626.46	3/4	1,937.03	3/4	2,247.60	3/4	2,558.17	3/4	2,868.74
5	109.74	5	391.62	5	701.44	5	1,011.83	5	1,322.36	5	1,632.93	5	1,943.50	5	2,254.07	5	2,564.64	5	2,875.21
1/4	115.21	1/4	397.96	1/4	707.91	1/4	1,018.30	1/4	1,328.83	1/4	1,639.40	1/4	1,949.97	1/4	2,260.54	1/4	2,571.11	1/4	2,881.68
1/2	120.69	1/2	404.30	1/2	714.38	1/2	1,024.76	1/2	1,335.30	1/2	1,645.87	1/2	1,956.44	1/2	2,267.01	1/2	2,577.58	1/2	2,888.15
3/4	126.16	3/4	410.64	3/4	720.85	3/4	1,031.23	3/4	1,341.77	3/4	1,652.34	3/4	1,962.91	3/4	2,273.48	3/4	2,584.05	3/4	2,894.62
6	131.63	6	416.99	6	727.31	6	1,037.69	6	1,348.24	6	1,658.81	6	1,969.38	6	2,279.95	6	2,590.52	6	2,901.09
1/4	137.18	1/4	423.40	1/4	733.78	1/4	1,044.16	1/4	1,354.71	1/4	1,665.28	1/4	1,975.85	1/4	2,286.42	1/4	2,596.99	1/4	2,907.56
1/2	142.73	1/2	429.82	1/2	740.25	1/2	1,050.63	1/2	1,361.18	1/2	1,671.75	1/2	1,982.32	1/2	2,292.89	1/2	2,603.46	1/2	2,914.03
3/4	148.27	3/4	436.23	3/4	746.72	3/4	1,057.09	3/4	1,367.65	3/4	1,678.22	3/4	1,988.79	3/4	2,299.36	3/4	2,609.93	3/4	2,920.50
7	153.82	7	442.65	7	753.19	7	1,063.56	7	1,374.12	7	1,684.69	7	1,995.26	7	2,305.83	7	2,616.40	7	2,926.97
1/4	159.44	1/4	449.12	1/4	759.66	1/4	1,070.03	1/4	1,380.59	1/4	1,691.16	1/4	2,001.73	1/4	2,312.30	1/4	2,622.87	1/4	2,933.44
1/2	165.06	1/2	455.59	1/2	766.13	1/2	1,076.50	1/2	1,387.06	1/2	1,697.63	1/2	2,008.20	1/2	2,318.77	1/2	2,629.34	1/2	2,939.91
3/4	170.68	3/4	462.06	3/4	772.59	3/4	1,082.96	3/4	1,393.53	3/4	1,704.10	3/4	2,014.67	3/4	2,325.24	3/4	2,635.81	3/4	2,946.38
8	176.30	8	468.53	8	779.06	8	1,089.43	8	1,400.00	8	1,710.57	8	2,021.14	8	2,331.71	8	2,642.28	8	2,952.85
1/4	181.99	1/4	475.00	1/4	785.53	1/4	1,095.90	1/4	1,406.47	1/4	1,717.04	1/4	2,027.61	1/4	2,338.18	1/4	2,648.75	1/4	2,959.32
1/2	187.68	1/2	481.47	1/2	792.00	1/2	1,102.37	1/2	1,412.94	1/2	1,723.51	1/2	2,034.08	1/2	2,344.65	1/2	2,655.22	1/2	2,965.79
3/4	193.37	3/4	487.94	3/4	798.47	3/4	1,108.84	3/4	1,419.41	3/4	1,729.98	3/4	2,040.55	3/4	2,351.12	3/4	2,661.69	3/4	2,972.26
9	199.06	9	494.41	9	804.94	9	1,115.31	9	1,425.88	9	1,736.45	9	2,047.02	9	2,357.59	9	2,668.16	9	2,978.73
1/4	204.83	1/4	500.88	1/4	811.41	1/4	1,121.78	1/4	1,432.35	1/4	1,742.92	1/4	2,053.49	1/4	2,364.06	1/4	2,674.63	1/4	2,985.20
1/2	210.59	1/2	507.35	1/2	817.87	1/2	1,128.25	1/2	1,438.82	1/2	1,749.39	1/2	2,059.96	1/2	2,370.53	1/2	2,681.10	1/2	2,991.67
3/4	216.35	3/4	513.82	3/4	824.34	3/4	1,134.72	3/4	1,445.29	3/4	1,755.86	3/4	2,066.43	3/4	2,377.00	3/4	2,687.57	3/4	2,998.14
10	222.12	10	520.29	10	830.81	10	1,141.19	10	1,451.76	10	1,762.33	10	2,072.90	10	2,383.47	10	2,694.04	10	3,004.61
1/4	227.95	1/4	526.76	1/4	837.28	1/4	1,147.66	1/4	1,458.23	1/4	1,768.80	1/4	2,079.37	1/4	2,389.94	1/4	2,700.51	1/4	3,011.08
1/2	233.79	1/2	533.23	1/2	843.74	1/2	1,154.13	1/2	1,464.70	1/2	1,775.27	1/2	2,085.84	1/2	2,396.41	1/2	2,706.98	1/2	3,017.55
3/4	239.63	3/4	539.70	3/4	850.21	3/4	1,160.60	3/4	1,471.17	3/4	1,781.74	3/4	2,092.31	3/4	2,402.88	3/4	2,713.45	3/4	3,024.02
11	245.46	11	546.17	11	856.67	11	1,167.07	11	1,477.64	11	1,788.21	11	2,098.78	11	2,409.35	11	2,719.92	11	3,030.49
1/4	251.37	1/4	552.64	1/4	863.14	1/4	1,173.54	1/4	1,484.11	1/4	1,794.68	1/4	2,105.25	1/4	2,415.82	1/4	2,726.39	1/4	3,036.96
1/2	257.28	1/2	559.11	1/2	869.60	1/2	1,180.02	1/2	1,490.58	1/2	1,801.15	1/2	2,111.72	1/2	2,422.29	1/2	2,732.86	1/2	3,043.43
3/4	263.19	3/4	565.58	3/4	876.07	3/4	1,186.49	3/4	1,497.05	3/4	1,807.62	3/4	2,118.19	3/4	2,428.76	3/4	2,739.33	3/4	3,049.90

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

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

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INTERTEK CALEB BRETT



DATE STRAPPED: 05/08/09 BY: JF
 DATE COMPUTED: 05/09/09 BY: WHF
 DATE ISSUED: 05/12/09

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	3,056.37	0	3,366.94	0	3,677.51	0	3,988.08	0	4,298.65	0	4,544.52	0		0		0		0	
1/4	3,062.84	1/4	3,373.41	1/4	3,683.98	1/4	3,994.55	1/4	4,305.12	1/4		1/4		1/4		1/4		1/4	
1/2	3,069.31	1/2	3,379.88	1/2	3,690.45	1/2	4,001.02	1/2	4,311.59	1/2		1/2		1/2		1/2		1/2	
3/4	3,075.78	3/4	3,386.35	3/4	3,696.92	3/4	4,007.49	3/4	4,318.06	3/4		3/4		3/4		3/4		3/4	
1	3,082.25	1	3,392.82	1	3,703.39	1	4,013.96	1	4,324.53	1		1		1		1		1	
1/4	3,088.72	1/4	3,399.29	1/4	3,709.86	1/4	4,020.43	1/4	4,331.00	1/4		1/4		1/4		1/4		1/4	
1/2	3,095.19	1/2	3,405.76	1/2	3,716.33	1/2	4,026.90	1/2	4,337.47	1/2		1/2		1/2		1/2		1/2	
3/4	3,101.66	3/4	3,412.23	3/4	3,722.80	3/4	4,033.37	3/4	4,343.94	3/4		3/4		3/4		3/4		3/4	
2	3,108.13	2	3,418.70	2	3,729.27	2	4,039.84	2	4,350.41	2		2		2		2		2	
1/4	3,114.60	1/4	3,425.17	1/4	3,735.74	1/4	4,046.31	1/4	4,356.88	1/4		1/4		1/4		1/4		1/4	
1/2	3,121.08	1/2	3,431.64	1/2	3,742.21	1/2	4,052.78	1/2	4,363.35	1/2		1/2		1/2		1/2		1/2	
3/4	3,127.55	3/4	3,438.11	3/4	3,748.68	3/4	4,059.25	3/4	4,369.82	3/4		3/4		3/4		3/4		3/4	
3	3,134.02	3	3,444.59	3	3,755.15	3	4,065.72	3	4,376.29	3		3		3		3		3	
1/4	3,140.49	1/4	3,451.06	1/4	3,761.62	1/4	4,072.19	1/4	4,382.76	1/4		1/4		1/4		1/4		1/4	
1/2	3,146.96	1/2	3,457.53	1/2	3,768.10	1/2	4,078.66	1/2	4,389.23	1/2		1/2		1/2		1/2		1/2	
3/4	3,153.43	3/4	3,464.00	3/4	3,774.57	3/4	4,085.13	3/4	4,395.70	3/4		3/4		3/4		3/4		3/4	
4	3,159.90	4	3,470.47	4	3,781.04	4	4,091.61	4	4,402.17	4		4		4		4		4	
1/4	3,166.37	1/4	3,476.94	1/4	3,787.51	1/4	4,098.08	1/4	4,408.64	1/4		1/4		1/4		1/4		1/4	
1/2	3,172.84	1/2	3,483.41	1/2	3,793.98	1/2	4,104.55	1/2	4,415.12	1/2		1/2		1/2		1/2		1/2	
3/4	3,179.31	3/4	3,489.88	3/4	3,800.45	3/4	4,111.02	3/4	4,421.59	3/4		3/4		3/4		3/4		3/4	
5	3,185.78	5	3,496.35	5	3,806.92	5	4,117.49	5	4,428.06	5		5		5		5		5	
1/4	3,192.25	1/4	3,502.82	1/4	3,813.39	1/4	4,123.96	1/4	4,434.53	1/4		1/4		1/4		1/4		1/4	
1/2	3,198.72	1/2	3,509.29	1/2	3,819.86	1/2	4,130.43	1/2	4,441.00	1/2		1/2		1/2		1/2		1/2	
3/4	3,205.19	3/4	3,515.76	3/4	3,826.33	3/4	4,136.90	3/4	4,447.47	3/4		3/4		3/4		3/4		3/4	
6	3,211.66	6	3,522.23	6	3,832.80	6	4,143.37	6	4,453.94	6		6		6		6		6	
1/4	3,218.13	1/4	3,528.70	1/4	3,839.27	1/4	4,149.84	1/4	4,460.41	1/4		1/4		1/4		1/4		1/4	
1/2	3,224.60	1/2	3,535.17	1/2	3,845.74	1/2	4,156.31	1/2	4,466.88	1/2		1/2		1/2		1/2		1/2	
3/4	3,231.07	3/4	3,541.64	3/4	3,852.21	3/4	4,162.78	3/4	4,473.35	3/4		3/4		3/4		3/4		3/4	
7	3,237.54	7	3,548.11	7	3,858.68	7	4,169.25	7	4,479.82	7		7		7		7		7	
1/4	3,244.01	1/4	3,554.58	1/4	3,865.15	1/4	4,175.72	1/4	4,485.29	1/4		1/4		1/4		1/4		1/4	
1/2	3,250.48	1/2	3,561.05	1/2	3,871.62	1/2	4,182.19	1/2	4,490.60	1/2		1/2		1/2		1/2		1/2	
3/4	3,256.95	3/4	3,567.52	3/4	3,878.09	3/4	4,188.66	3/4	4,495.99	3/4		3/4		3/4		3/4		3/4	
8	3,263.42	8	3,573.99	8	3,884.56	8	4,195.13	8	4,501.38	8		8		8		8		8	
1/4	3,269.89	1/4	3,580.46	1/4	3,891.03	1/4	4,201.60	1/4	4,505.70	1/4		1/4		1/4		1/4		1/4	
1/2	3,276.36	1/2	3,586.93	1/2	3,897.50	1/2	4,208.07	1/2	4,510.01	1/2		1/2		1/2		1/2		1/2	
3/4	3,282.83	3/4	3,593.40	3/4	3,903.97	3/4	4,214.54	3/4	4,514.32	3/4		3/4		3/4		3/4		3/4	
9	3,289.30	9	3,599.87	9	3,910.44	9	4,221.01	9	4,518.64	9		9		9		9		9	
1/4	3,295.77	1/4	3,606.34	1/4	3,916.91	1/4	4,227.48	1/4	4,521.87	1/4		1/4		1/4		1/4		1/4	
1/2	3,302.24	1/2	3,612.81	1/2	3,923.38	1/2	4,233.95	1/2	4,525.11	1/2		1/2		1/2		1/2		1/2	
3/4	3,308.71	3/4	3,619.28	3/4	3,929.85	3/4	4,240.42	3/4	4,528.34	3/4		3/4		3/4		3/4		3/4	
10	3,315.18	10	3,625.75	10	3,936.32	10	4,246.89	10	4,531.58	10		10		10		10		10	
1/4	3,321.65	1/4	3,632.22	1/4	3,942.79	1/4	4,253.36	1/4	4,533.74	1/4		1/4		1/4		1/4		1/4	
1/2	3,328.12	1/2	3,638.69	1/2	3,949.26	1/2	4,259.83	1/2	4,535.89	1/2		1/2		1/2		1/2		1/2	
3/4	3,334.59	3/4	3,645.16	3/4	3,955.73	3/4	4,266.30	3/4	4,538.05	3/4		3/4		3/4		3/4		3/4	
11	3,341.06	11	3,651.63	11	3,962.20	11	4,272.77	11	4,540.21	11		11		11		11		11	
1/4	3,347.53	1/4	3,658.10	1/4	3,968.67	1/4	4,279.24	1/4	4,541.28	1/4		1/4		1/4		1/4		1/4	
1/2	3,354.00	1/2	3,664.57	1/2	3,975.14	1/2	4,285.71	1/2	4,542.36	1/2		1/2		1/2		1/2		1/2	
3/4	3,360.47	3/4	3,671.04	3/4	3,981.61	3/4	4,292.18	3/4	4,543.44	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 INNGAGE 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.

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: 05/08/09 BY: JF
 DATE COMPUTED: 05/09/09 BY: WHF
 DATE ISSUED: 05/12/09

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	18.97	0	362.39	0	720.90	0	1,078.84	0	1,435.48	0	1,793.99	0	2,152.50	0	2,511.02	0	2,869.53	0	3,228.04
1/4	23.64	1/4	369.86	1/4	728.37	1/4	1,086.25	1/4	1,442.95	1/4	1,801.46	1/4	2,159.97	1/4	2,518.49	1/4	2,877.00	1/4	3,235.51
1/2	28.31	1/2	377.33	1/2	735.84	1/2	1,093.65	1/2	1,450.42	1/2	1,808.93	1/2	2,167.44	1/2	2,525.95	1/2	2,884.47	1/2	3,242.98
3/4	32.98	3/4	384.80	3/4	743.31	3/4	1,101.05	3/4	1,457.89	3/4	1,816.40	3/4	2,174.91	3/4	2,533.42	3/4	2,891.94	3/4	3,250.45
1	37.65	1	392.27	1	750.78	1	1,108.45	1	1,465.36	1	1,823.87	1	2,182.38	1	2,540.89	1	2,899.40	1	3,257.92
1/4	44.18	1/4	399.74	1/4	758.25	1/4	1,115.85	1/4	1,472.83	1/4	1,831.34	1/4	2,189.85	1/4	2,548.36	1/4	2,906.87	1/4	3,265.39
1/2	50.72	1/2	407.21	1/2	765.72	1/2	1,123.26	1/2	1,480.29	1/2	1,838.81	1/2	2,197.32	1/2	2,555.83	1/2	2,914.34	1/2	3,272.85
3/4	57.25	3/4	414.68	3/4	773.19	3/4	1,130.66	3/4	1,487.76	3/4	1,846.28	3/4	2,204.79	3/4	2,563.30	3/4	2,921.81	3/4	3,280.32
2	63.79	2	422.14	2	780.66	2	1,138.06	2	1,495.23	2	1,853.74	2	2,212.26	2	2,570.77	2	2,929.28	2	3,287.79
1/4	71.25	1/4	429.61	1/4	788.13	1/4	1,145.46	1/4	1,502.70	1/4	1,861.21	1/4	2,219.73	1/4	2,578.24	1/4	2,936.75	1/4	3,295.26
1/2	78.72	1/2	437.08	1/2	795.59	1/2	1,152.86	1/2	1,510.17	1/2	1,868.68	1/2	2,227.19	1/2	2,585.71	1/2	2,944.22	1/2	3,302.73
3/4	86.18	3/4	444.55	3/4	803.06	3/4	1,160.27	3/4	1,517.64	3/4	1,876.15	3/4	2,234.66	3/4	2,593.18	3/4	2,951.69	3/4	3,310.20
3	93.65	3	452.02	3	810.53	3	1,167.67	3	1,525.11	3	1,883.62	3	2,242.13	3	2,600.64	3	2,959.16	3	3,317.67
1/4	101.11	1/4	459.49	1/4	818.00	1/4	1,175.07	1/4	1,532.58	1/4	1,891.09	1/4	2,249.60	1/4	2,608.11	1/4	2,966.63	1/4	3,325.14
1/2	108.58	1/2	466.96	1/2	825.47	1/2	1,182.47	1/2	1,540.05	1/2	1,898.56	1/2	2,257.07	1/2	2,615.58	1/2	2,974.09	1/2	3,332.61
3/4	116.04	3/4	474.43	3/4	832.94	3/4	1,189.87	3/4	1,547.52	3/4	1,906.03	3/4	2,264.54	3/4	2,623.05	3/4	2,981.56	3/4	3,340.08
4	123.51	4	481.90	4	840.41	4	1,197.28	4	1,554.98	4	1,913.50	4	2,272.01	4	2,630.52	4	2,989.03	4	3,347.54
1/4	130.97	1/4	489.37	1/4	847.88	1/4	1,204.68	1/4	1,562.45	1/4	1,920.97	1/4	2,279.48	1/4	2,637.99	1/4	2,996.50	1/4	3,355.01
1/2	138.44	1/2	496.83	1/2	855.34	1/2	1,212.08	1/2	1,569.92	1/2	1,928.43	1/2	2,286.95	1/2	2,645.46	1/2	3,003.97	1/2	3,362.48
3/4	145.90	3/4	504.30	3/4	862.81	3/4	1,219.48	3/4	1,577.39	3/4	1,935.90	3/4	2,294.42	3/4	2,652.93	3/4	3,011.44	3/4	3,369.95
5	153.37	5	511.77	5	870.28	5	1,226.88	5	1,584.86	5	1,943.37	5	2,301.88	5	2,660.40	5	3,018.91	5	3,377.42
1/4	160.84	1/4	519.24	1/4	877.75	1/4	1,234.29	1/4	1,592.33	1/4	1,950.84	1/4	2,309.35	1/4	2,667.87	1/4	3,026.38	1/4	3,384.89
1/2	168.30	1/2	526.71	1/2	885.21	1/2	1,241.69	1/2	1,599.80	1/2	1,958.31	1/2	2,316.82	1/2	2,675.33	1/2	3,033.85	1/2	3,392.36
3/4	175.77	3/4	534.18	3/4	892.68	3/4	1,249.09	3/4	1,607.27	3/4	1,965.78	3/4	2,324.29	3/4	2,682.80	3/4	3,041.32	3/4	3,399.83
6	183.23	6	541.65	6	900.15	6	1,256.49	6	1,614.74	6	1,973.25	6	2,331.76	6	2,690.27	6	3,048.78	6	3,407.30
1/4	190.70	1/4	549.12	1/4	907.62	1/4	1,263.93	1/4	1,622.21	1/4	1,980.72	1/4	2,339.23	1/4	2,697.74	1/4	3,056.25	1/4	3,414.77
1/2	198.16	1/2	556.59	1/2	915.08	1/2	1,271.36	1/2	1,629.67	1/2	1,988.19	1/2	2,346.70	1/2	2,705.21	1/2	3,063.72	1/2	3,422.23
3/4	205.63	3/4	564.06	3/4	922.55	3/4	1,278.80	3/4	1,637.14	3/4	1,995.66	3/4	2,354.17	3/4	2,712.68	3/4	3,071.19	3/4	3,429.70
7	213.09	7	571.52	7	930.02	7	1,286.23	7	1,644.61	7	2,003.12	7	2,361.64	7	2,720.15	7	3,078.66	7	3,437.17
1/4	220.56	1/4	578.99	1/4	937.49	1/4	1,293.67	1/4	1,652.08	1/4	2,010.59	1/4	2,369.11	1/4	2,727.62	1/4	3,086.13	1/4	3,444.64
1/2	228.02	1/2	586.46	1/2	944.95	1/2	1,301.11	1/2	1,659.55	1/2	2,018.06	1/2	2,376.57	1/2	2,735.09	1/2	3,093.60	1/2	3,452.11
3/4	235.49	3/4	593.93	3/4	952.42	3/4	1,308.54	3/4	1,667.02	3/4	2,025.53	3/4	2,384.04	3/4	2,742.56	3/4	3,101.07	3/4	3,459.58
8	242.95	8	601.40	8	959.89	8	1,315.98	8	1,674.49	8	2,033.00	8	2,391.51	8	2,750.02	8	3,108.54	8	3,467.05
1/4	250.42	1/4	608.87	1/4	967.36	1/4	1,323.45	1/4	1,681.96	1/4	2,040.47	1/4	2,398.98	1/4	2,757.49	1/4	3,116.01	1/4	3,474.52
1/2	257.88	1/2	616.34	1/2	974.82	1/2	1,330.91	1/2	1,689.43	1/2	2,047.94	1/2	2,406.45	1/2	2,764.96	1/2	3,123.47	1/2	3,481.99
3/4	265.35	3/4	623.81	3/4	982.29	3/4	1,338.38	3/4	1,696.90	3/4	2,055.41	3/4	2,413.92	3/4	2,772.43	3/4	3,130.94	3/4	3,489.46
9	272.81	9	631.28	9	989.76	9	1,345.85	9	1,704.36	9	2,062.88	9	2,421.39	9	2,779.90	9	3,138.41	9	3,496.92
1/4	280.28	1/4	638.75	1/4	997.23	1/4	1,353.32	1/4	1,711.83	1/4	2,070.35	1/4	2,428.86	1/4	2,787.37	1/4	3,145.88	1/4	3,504.39
1/2	287.74	1/2	646.21	1/2	1,004.69	1/2	1,360.79	1/2	1,719.30	1/2	2,077.81	1/2	2,436.33	1/2	2,794.84	1/2	3,153.35	1/2	3,511.86
3/4	295.21	3/4	653.68	3/4	1,012.16	3/4	1,368.26	3/4	1,726.77	3/4	2,085.28	3/4	2,443.80	3/4	2,802.31	3/4	3,160.82	3/4	3,519.33
10	302.67	10	661.15	10	1,019.63	10	1,375.73	10	1,734.24	10	2,092.75	10	2,451.26	10	2,809.78	10	3,168.29	10	3,526.80
1/4	310.14	1/4	668.62	1/4	1,027.03	1/4	1,383.20	1/4	1,741.71	1/4	2,100.22	1/4	2,458.73	1/4	2,817.25	1/4	3,175.76	1/4	3,534.27
1/2	317.60	1/2	676.09	1/2	1,034.43	1/2	1,390.67	1/2	1,749.18	1/2	2,107.69	1/2	2,466.20	1/2	2,824.71	1/2	3,183.23	1/2	3,541.74
3/4	325.07	3/4	683.56	3/4	1,041.83	3/4	1,398.14	3/4	1,756.65	3/4	2,115.16	3/4	2,473.67	3/4	2,832.18	3/4	3,190.70	3/4	3,549.21
11	332.53	11	691.03	11	1,049.24	11	1,405.60	11	1,764.12	11	2,122.63	11	2,481.14	11	2,839.65	11	3,198.16	11	3,556.68
1/4	340.00	1/4	698.50	1/4	1,056.64	1/4	1,413.07	1/4	1,771.59	1/4	2,130.10	1/4	2,488.61	1/4	2,847.12	1/4	3,205.63	1/4	3,564.15
1/2	347.46	1/2	705.97	1/2	1,064.04	1/2	1,420.54	1/2	1,779.05	1/2	2,137.57	1/2	2,496.08	1/2	2,854.59	1/2	3,213.10	1/2	3,571.61
3/4	354.93	3/4	713.44	3/4	1,071.44	3/4	1,428.01	3/4	1,786.52	3/4	2,145.04	3/4	2,503.55	3/4	2,862.06	3/4	3,220.57	3/4	3,579.08

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: 05/08/09 BY: JF
 DATE COMPUTED: 05/09/09 BY: WHF
 DATE ISSUED: 05/12/09

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	3,586.55	0	3,945.06	0	4,303.58	0	4,662.09	0	5,020.60	0	5,296.98	0		0		0		0	
1/4	3,594.02	1/4	3,952.53	1/4	4,311.05	1/4	4,669.56	1/4	5,028.07	1/4	5,296.98	1/4		1/4		1/4		1/4	
1/2	3,601.49	1/2	3,960.00	1/2	4,318.51	1/2	4,677.03	1/2	5,035.54	1/2		1/2		1/2		1/2		1/2	
3/4	3,608.96	3/4	3,967.47	3/4	4,325.98	3/4	4,684.50	3/4	5,043.01	3/4		3/4		3/4		3/4		3/4	
1	3,616.43	1	3,974.94	1	4,333.45	1	4,691.96	1	5,050.48	1		1		1		1		1	
1/4	3,623.90	1/4	3,982.41	1/4	4,340.92	1/4	4,699.43	1/4	5,057.95	1/4		1/4		1/4		1/4		1/4	
1/2	3,631.37	1/2	3,989.88	1/2	4,348.39	1/2	4,706.90	1/2	5,065.41	1/2		1/2		1/2		1/2		1/2	
3/4	3,638.84	3/4	3,997.35	3/4	4,355.86	3/4	4,714.37	3/4	5,072.88	3/4		3/4		3/4		3/4		3/4	
2	3,646.30	2	4,004.82	2	4,363.33	2	4,721.84	2	5,080.35	2		2		2		2		2	
1/4	3,653.77	1/4	4,012.29	1/4	4,370.80	1/4	4,729.31	1/4	5,087.82	1/4		1/4		1/4		1/4		1/4	
1/2	3,661.24	1/2	4,019.75	1/2	4,378.27	1/2	4,736.78	1/2	5,095.29	1/2		1/2		1/2		1/2		1/2	
3/4	3,668.71	3/4	4,027.22	3/4	4,385.74	3/4	4,744.25	3/4	5,102.76	3/4		3/4		3/4		3/4		3/4	
3	3,676.18	3	4,034.69	3	4,393.20	3	4,751.72	3	5,110.23	3		3		3		3		3	
1/4	3,683.65	1/4	4,042.16	1/4	4,400.67	1/4	4,759.19	1/4	5,117.70	1/4		1/4		1/4		1/4		1/4	
1/2	3,691.12	1/2	4,049.63	1/2	4,408.14	1/2	4,766.65	1/2	5,125.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,698.59	3/4	4,057.10	3/4	4,415.61	3/4	4,774.12	3/4	5,132.64	3/4		3/4		3/4		3/4		3/4	
4	3,706.06	4	4,064.57	4	4,423.08	4	4,781.59	4	5,140.10	4		4		4		4		4	
1/4	3,713.53	1/4	4,072.04	1/4	4,430.55	1/4	4,789.06	1/4	5,147.57	1/4		1/4		1/4		1/4		1/4	
1/2	3,720.99	1/2	4,079.51	1/2	4,438.02	1/2	4,796.53	1/2	5,155.04	1/2		1/2		1/2		1/2		1/2	
3/4	3,728.46	3/4	4,086.98	3/4	4,445.49	3/4	4,804.00	3/4	5,162.51	3/4		3/4		3/4		3/4		3/4	
5	3,735.93	5	4,094.44	5	4,452.96	5	4,811.47	5	5,169.98	5		5		5		5		5	
1/4	3,743.40	1/4	4,101.91	1/4	4,460.43	1/4	4,818.94	1/4	5,177.45	1/4		1/4		1/4		1/4		1/4	
1/2	3,750.87	1/2	4,109.38	1/2	4,467.89	1/2	4,826.41	1/2	5,184.92	1/2		1/2		1/2		1/2		1/2	
3/4	3,758.34	3/4	4,116.85	3/4	4,475.36	3/4	4,833.88	3/4	5,192.39	3/4		3/4		3/4		3/4		3/4	
6	3,765.81	6	4,124.32	6	4,482.83	6	4,841.34	6	5,199.86	6		6		6		6		6	
1/4	3,773.28	1/4	4,131.79	1/4	4,490.30	1/4	4,848.81	1/4	5,207.01	1/4		1/4		1/4		1/4		1/4	
1/2	3,780.75	1/2	4,139.26	1/2	4,497.77	1/2	4,856.28	1/2	5,214.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,788.22	3/4	4,146.73	3/4	4,505.24	3/4	4,863.75	3/4	5,221.33	3/4		3/4		3/4		3/4		3/4	
7	3,795.68	7	4,154.20	7	4,512.71	7	4,871.22	7	5,228.49	7		7		7		7		7	
1/4	3,803.15	1/4	4,161.67	1/4	4,520.18	1/4	4,878.69	1/4	5,234.40	1/4		1/4		1/4		1/4		1/4	
1/2	3,810.62	1/2	4,169.13	1/2	4,527.65	1/2	4,886.16	1/2	5,240.32	1/2		1/2		1/2		1/2		1/2	
3/4	3,818.09	3/4	4,176.60	3/4	4,535.12	3/4	4,893.63	3/4	5,246.23	3/4		3/4		3/4		3/4		3/4	
8	3,825.56	8	4,184.07	8	4,542.58	8	4,901.10	8	5,252.14	8		8		8		8		8	
1/4	3,833.03	1/4	4,191.54	1/4	4,550.05	1/4	4,908.57	1/4	5,256.81	1/4		1/4		1/4		1/4		1/4	
1/2	3,840.50	1/2	4,199.01	1/2	4,557.52	1/2	4,916.03	1/2	5,261.48	1/2		1/2		1/2		1/2		1/2	
3/4	3,847.97	3/4	4,206.48	3/4	4,564.99	3/4	4,923.50	3/4	5,266.15	3/4		3/4		3/4		3/4		3/4	
9	3,855.44	9	4,213.95	9	4,572.46	9	4,930.97	9	5,270.82	9		9		9		9		9	
1/4	3,862.91	1/4	4,221.42	1/4	4,579.93	1/4	4,938.44	1/4	5,274.24	1/4		1/4		1/4		1/4		1/4	
1/2	3,870.37	1/2	4,228.89	1/2	4,587.40	1/2	4,945.91	1/2	5,277.67	1/2		1/2		1/2		1/2		1/2	
3/4	3,877.84	3/4	4,236.36	3/4	4,594.87	3/4	4,953.38	3/4	5,281.09	3/4		3/4		3/4		3/4		3/4	
10	3,885.31	10	4,243.82	10	4,602.34	10	4,960.85	10	5,284.52	10		10		10		10		10	
1/4	3,892.78	1/4	4,251.29	1/4	4,609.81	1/4	4,968.32	1/4	5,286.70	1/4		1/4		1/4		1/4		1/4	
1/2	3,900.25	1/2	4,258.76	1/2	4,617.27	1/2	4,975.79	1/2	5,288.88	1/2		1/2		1/2		1/2		1/2	
3/4	3,907.72	3/4	4,266.23	3/4	4,624.74	3/4	4,983.26	3/4	5,291.06	3/4		3/4		3/4		3/4		3/4	
11	3,915.19	11	4,273.70	11	4,632.21	11	4,990.72	11	5,293.24	11		11		11		11		11	
1/4	3,922.66	1/4	4,281.17	1/4	4,639.68	1/4	4,998.19	1/4	5,294.17	1/4		1/4		1/4		1/4		1/4	
1/2	3,930.13	1/2	4,288.64	1/2	4,647.15	1/2	5,005.66	1/2	5,295.11	1/2		1/2		1/2		1/2		1/2	
3/4	3,937.60	3/4	4,296.11	3/4	4,654.62	3/4	5,013.13	3/4	5,296.05	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: 05/08/09 BY: JF
 DATE COMPUTED: 05/09/09 BY: WHF
 DATE ISSUED: 05/12/09

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	18.97	0	362.39	0	720.90	0	1,078.84	0	1,435.48	0	1,793.99	0	2,152.50	0	2,511.02	0	2,869.53	0	3,228.04
1/4	23.64	1/4	369.86	1/4	728.37	1/4	1,086.25	1/4	1,442.95	1/4	1,801.46	1/4	2,159.97	1/4	2,518.49	1/4	2,877.00	1/4	3,235.51
1/2	28.31	1/2	377.33	1/2	735.84	1/2	1,093.65	1/2	1,450.42	1/2	1,808.93	1/2	2,167.44	1/2	2,525.95	1/2	2,884.47	1/2	3,242.98
3/4	32.98	3/4	384.80	3/4	743.31	3/4	1,101.05	3/4	1,457.89	3/4	1,816.40	3/4	2,174.91	3/4	2,533.42	3/4	2,891.94	3/4	3,250.45
1	37.65	1	392.27	1	750.78	1	1,108.45	1	1,465.36	1	1,823.87	1	2,182.38	1	2,540.89	1	2,899.40	1	3,257.92
1/4	44.18	1/4	399.74	1/4	758.25	1/4	1,115.85	1/4	1,472.83	1/4	1,831.34	1/4	2,189.85	1/4	2,548.36	1/4	2,906.87	1/4	3,265.39
1/2	50.72	1/2	407.21	1/2	765.72	1/2	1,123.26	1/2	1,480.29	1/2	1,838.81	1/2	2,197.32	1/2	2,555.83	1/2	2,914.34	1/2	3,272.85
3/4	57.25	3/4	414.68	3/4	773.19	3/4	1,130.66	3/4	1,487.76	3/4	1,846.28	3/4	2,204.79	3/4	2,563.30	3/4	2,921.81	3/4	3,280.32
2	63.79	2	422.14	2	780.66	2	1,138.06	2	1,495.23	2	1,853.74	2	2,212.26	2	2,570.77	2	2,929.28	2	3,287.79
1/4	71.25	1/4	429.61	1/4	788.13	1/4	1,145.46	1/4	1,502.70	1/4	1,861.21	1/4	2,219.73	1/4	2,578.24	1/4	2,936.75	1/4	3,295.26
1/2	78.72	1/2	437.08	1/2	795.59	1/2	1,152.86	1/2	1,510.17	1/2	1,868.68	1/2	2,227.19	1/2	2,585.71	1/2	2,944.22	1/2	3,302.73
3/4	86.18	3/4	444.55	3/4	803.06	3/4	1,160.27	3/4	1,517.64	3/4	1,876.15	3/4	2,234.66	3/4	2,593.18	3/4	2,951.69	3/4	3,310.20
3	93.65	3	452.02	3	810.53	3	1,167.67	3	1,525.11	3	1,883.62	3	2,242.13	3	2,600.64	3	2,959.16	3	3,317.67
1/4	101.11	1/4	459.49	1/4	818.00	1/4	1,175.07	1/4	1,532.58	1/4	1,891.09	1/4	2,249.60	1/4	2,608.11	1/4	2,966.63	1/4	3,325.14
1/2	108.58	1/2	466.96	1/2	825.47	1/2	1,182.47	1/2	1,540.05	1/2	1,898.56	1/2	2,257.07	1/2	2,615.58	1/2	2,974.09	1/2	3,332.61
3/4	116.04	3/4	474.43	3/4	832.94	3/4	1,189.87	3/4	1,547.52	3/4	1,906.03	3/4	2,264.54	3/4	2,623.05	3/4	2,981.56	3/4	3,340.08
4	123.51	4	481.90	4	840.41	4	1,197.28	4	1,554.98	4	1,913.50	4	2,272.01	4	2,630.52	4	2,989.03	4	3,347.54
1/4	130.97	1/4	489.37	1/4	847.88	1/4	1,204.68	1/4	1,562.45	1/4	1,920.97	1/4	2,279.48	1/4	2,637.99	1/4	2,996.50	1/4	3,355.01
1/2	138.44	1/2	496.83	1/2	855.34	1/2	1,212.08	1/2	1,569.92	1/2	1,928.43	1/2	2,286.95	1/2	2,645.46	1/2	3,003.97	1/2	3,362.48
3/4	145.90	3/4	504.30	3/4	862.81	3/4	1,219.48	3/4	1,577.39	3/4	1,935.90	3/4	2,294.42	3/4	2,652.93	3/4	3,011.44	3/4	3,369.95
5	153.37	5	511.77	5	870.28	5	1,226.88	5	1,584.86	5	1,943.37	5	2,301.88	5	2,660.40	5	3,018.91	5	3,377.42
1/4	160.84	1/4	519.24	1/4	877.75	1/4	1,234.29	1/4	1,592.33	1/4	1,950.84	1/4	2,309.35	1/4	2,667.87	1/4	3,026.38	1/4	3,384.89
1/2	168.30	1/2	526.71	1/2	885.21	1/2	1,241.69	1/2	1,599.80	1/2	1,958.31	1/2	2,316.82	1/2	2,675.33	1/2	3,033.85	1/2	3,392.36
3/4	175.77	3/4	534.18	3/4	892.68	3/4	1,249.09	3/4	1,607.27	3/4	1,965.78	3/4	2,324.29	3/4	2,682.80	3/4	3,041.32	3/4	3,399.83
6	183.23	6	541.65	6	900.15	6	1,256.49	6	1,614.74	6	1,973.25	6	2,331.76	6	2,690.27	6	3,048.78	6	3,407.30
1/4	190.70	1/4	549.12	1/4	907.62	1/4	1,263.93	1/4	1,622.21	1/4	1,980.72	1/4	2,339.23	1/4	2,697.74	1/4	3,056.25	1/4	3,414.77
1/2	198.16	1/2	556.59	1/2	915.08	1/2	1,271.36	1/2	1,629.67	1/2	1,988.19	1/2	2,346.70	1/2	2,705.21	1/2	3,063.72	1/2	3,422.23
3/4	205.63	3/4	564.06	3/4	922.55	3/4	1,278.80	3/4	1,637.14	3/4	1,995.66	3/4	2,354.17	3/4	2,712.68	3/4	3,071.19	3/4	3,429.70
7	213.09	7	571.52	7	930.02	7	1,286.23	7	1,644.61	7	2,003.12	7	2,361.64	7	2,720.15	7	3,078.66	7	3,437.17
1/4	220.56	1/4	578.99	1/4	937.49	1/4	1,293.67	1/4	1,652.08	1/4	2,010.59	1/4	2,369.11	1/4	2,727.62	1/4	3,086.13	1/4	3,444.64
1/2	228.02	1/2	586.46	1/2	944.95	1/2	1,301.11	1/2	1,659.55	1/2	2,018.06	1/2	2,376.57	1/2	2,735.09	1/2	3,093.60	1/2	3,452.11
3/4	235.49	3/4	593.93	3/4	952.42	3/4	1,308.54	3/4	1,667.02	3/4	2,025.53	3/4	2,384.04	3/4	2,742.56	3/4	3,101.07	3/4	3,459.58
8	242.95	8	601.40	8	959.89	8	1,315.98	8	1,674.49	8	2,033.00	8	2,391.51	8	2,750.02	8	3,108.54	8	3,467.05
1/4	250.42	1/4	608.87	1/4	967.36	1/4	1,323.45	1/4	1,681.96	1/4	2,040.47	1/4	2,398.98	1/4	2,757.49	1/4	3,116.01	1/4	3,474.52
1/2	257.88	1/2	616.34	1/2	974.82	1/2	1,330.91	1/2	1,689.43	1/2	2,047.94	1/2	2,406.45	1/2	2,764.96	1/2	3,123.47	1/2	3,481.99
3/4	265.35	3/4	623.81	3/4	982.29	3/4	1,338.38	3/4	1,696.90	3/4	2,055.41	3/4	2,413.92	3/4	2,772.43	3/4	3,130.94	3/4	3,489.46
9	272.81	9	631.28	9	989.76	9	1,345.85	9	1,704.36	9	2,062.88	9	2,421.39	9	2,779.90	9	3,138.41	9	3,496.92
1/4	280.28	1/4	638.75	1/4	997.23	1/4	1,353.32	1/4	1,711.83	1/4	2,070.35	1/4	2,428.86	1/4	2,787.37	1/4	3,145.88	1/4	3,504.39
1/2	287.74	1/2	646.21	1/2	1,004.69	1/2	1,360.79	1/2	1,719.30	1/2	2,077.81	1/2	2,436.33	1/2	2,794.84	1/2	3,153.35	1/2	3,511.86
3/4	295.21	3/4	653.68	3/4	1,012.16	3/4	1,368.26	3/4	1,726.77	3/4	2,085.28	3/4	2,443.80	3/4	2,802.31	3/4	3,160.82	3/4	3,519.33
10	302.67	10	661.15	10	1,019.63	10	1,375.73	10	1,734.24	10	2,092.75	10	2,451.26	10	2,809.78	10	3,168.29	10	3,526.80
1/4	310.14	1/4	668.62	1/4	1,027.03	1/4	1,383.20	1/4	1,741.71	1/4	2,100.22	1/4	2,458.73	1/4	2,817.25	1/4	3,175.76	1/4	3,534.27
1/2	317.60	1/2	676.09	1/2	1,034.43	1/2	1,390.67	1/2	1,749.18	1/2	2,107.69	1/2	2,466.20	1/2	2,824.71	1/2	3,183.23	1/2	3,541.74
3/4	325.07	3/4	683.56	3/4	1,041.83	3/4	1,398.14	3/4	1,756.65	3/4	2,115.16	3/4	2,473.67	3/4	2,832.18	3/4	3,190.70	3/4	3,549.21
11	332.53	11	691.03	11	1,049.24	11	1,405.60	11	1,764.12	11	2,122.63	11	2,481.14	11	2,839.65	11	3,198.16	11	3,556.68
1/4	340.00	1/4	698.50	1/4	1,056.64	1/4	1,413.07	1/4	1,771.59	1/4	2,130.10	1/4	2,488.61	1/4	2,847.12	1/4	3,205.63	1/4	3,564.15
1/2	347.46	1/2	705.97	1/2	1,064.04	1/2	1,420.54	1/2	1,779.05	1/2	2,137.57	1/2	2,496.08	1/2	2,854.59	1/2	3,213.10	1/2	3,571.61
3/4	354.93	3/4	713.44	3/4	1,071.44	3/4	1,428.01	3/4	1,786.52	3/4	2,145.04	3/4	2,503.55	3/4	2,862.06	3/4	3,220.57	3/4	3,579.08

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

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

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INTERTEK CALEB BRETT



DATE STRAPPED: 05/08/09 BY: JF
 DATE COMPUTED: 05/09/09 BY: WHF
 DATE ISSUED: 05/12/09

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	3,586.55	0	3,945.06	0	4,303.58	0	4,662.09	0	5,020.60	0	5,296.98	0		0		0		0	
1/4	3,594.02	1/4	3,952.53	1/4	4,311.05	1/4	4,669.56	1/4	5,028.07	1/4	5,296.98	1/4		1/4		1/4		1/4	
1/2	3,601.49	1/2	3,960.00	1/2	4,318.51	1/2	4,677.03	1/2	5,035.54	1/2		1/2		1/2		1/2		1/2	
3/4	3,608.96	3/4	3,967.47	3/4	4,325.98	3/4	4,684.50	3/4	5,043.01	3/4		3/4		3/4		3/4		3/4	
1	3,616.43	1	3,974.94	1	4,333.45	1	4,691.96	1	5,050.48	1		1		1		1		1	
1/4	3,623.90	1/4	3,982.41	1/4	4,340.92	1/4	4,699.43	1/4	5,057.95	1/4		1/4		1/4		1/4		1/4	
1/2	3,631.37	1/2	3,989.88	1/2	4,348.39	1/2	4,706.90	1/2	5,065.41	1/2		1/2		1/2		1/2		1/2	
3/4	3,638.84	3/4	3,997.35	3/4	4,355.86	3/4	4,714.37	3/4	5,072.88	3/4		3/4		3/4		3/4		3/4	
2	3,646.30	2	4,004.82	2	4,363.33	2	4,721.84	2	5,080.35	2		2		2		2		2	
1/4	3,653.77	1/4	4,012.29	1/4	4,370.80	1/4	4,729.31	1/4	5,087.82	1/4		1/4		1/4		1/4		1/4	
1/2	3,661.24	1/2	4,019.75	1/2	4,378.27	1/2	4,736.78	1/2	5,095.29	1/2		1/2		1/2		1/2		1/2	
3/4	3,668.71	3/4	4,027.22	3/4	4,385.74	3/4	4,744.25	3/4	5,102.76	3/4		3/4		3/4		3/4		3/4	
3	3,676.18	3	4,034.69	3	4,393.20	3	4,751.72	3	5,110.23	3		3		3		3		3	
1/4	3,683.65	1/4	4,042.16	1/4	4,400.67	1/4	4,759.19	1/4	5,117.70	1/4		1/4		1/4		1/4		1/4	
1/2	3,691.12	1/2	4,049.63	1/2	4,408.14	1/2	4,766.65	1/2	5,125.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,698.59	3/4	4,057.10	3/4	4,415.61	3/4	4,774.12	3/4	5,132.64	3/4		3/4		3/4		3/4		3/4	
4	3,706.06	4	4,064.57	4	4,423.08	4	4,781.59	4	5,140.10	4		4		4		4		4	
1/4	3,713.53	1/4	4,072.04	1/4	4,430.55	1/4	4,789.06	1/4	5,147.57	1/4		1/4		1/4		1/4		1/4	
1/2	3,720.99	1/2	4,079.51	1/2	4,438.02	1/2	4,796.53	1/2	5,155.04	1/2		1/2		1/2		1/2		1/2	
3/4	3,728.46	3/4	4,086.98	3/4	4,445.49	3/4	4,804.00	3/4	5,162.51	3/4		3/4		3/4		3/4		3/4	
5	3,735.93	5	4,094.44	5	4,452.96	5	4,811.47	5	5,169.98	5		5		5		5		5	
1/4	3,743.40	1/4	4,101.91	1/4	4,460.43	1/4	4,818.94	1/4	5,177.45	1/4		1/4		1/4		1/4		1/4	
1/2	3,750.87	1/2	4,109.38	1/2	4,467.89	1/2	4,826.41	1/2	5,184.92	1/2		1/2		1/2		1/2		1/2	
3/4	3,758.34	3/4	4,116.85	3/4	4,475.36	3/4	4,833.88	3/4	5,192.39	3/4		3/4		3/4		3/4		3/4	
6	3,765.81	6	4,124.32	6	4,482.83	6	4,841.34	6	5,199.86	6		6		6		6		6	
1/4	3,773.28	1/4	4,131.79	1/4	4,490.30	1/4	4,848.81	1/4	5,207.01	1/4		1/4		1/4		1/4		1/4	
1/2	3,780.75	1/2	4,139.26	1/2	4,497.77	1/2	4,856.28	1/2	5,214.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,788.22	3/4	4,146.73	3/4	4,505.24	3/4	4,863.75	3/4	5,221.33	3/4		3/4		3/4		3/4		3/4	
7	3,795.68	7	4,154.20	7	4,512.71	7	4,871.22	7	5,228.49	7		7		7		7		7	
1/4	3,803.15	1/4	4,161.67	1/4	4,520.18	1/4	4,878.69	1/4	5,234.40	1/4		1/4		1/4		1/4		1/4	
1/2	3,810.62	1/2	4,169.13	1/2	4,527.65	1/2	4,886.16	1/2	5,240.32	1/2		1/2		1/2		1/2		1/2	
3/4	3,818.09	3/4	4,176.60	3/4	4,535.12	3/4	4,893.63	3/4	5,246.23	3/4		3/4		3/4		3/4		3/4	
8	3,825.56	8	4,184.07	8	4,542.58	8	4,901.10	8	5,252.14	8		8		8		8		8	
1/4	3,833.03	1/4	4,191.54	1/4	4,550.05	1/4	4,908.57	1/4	5,256.81	1/4		1/4		1/4		1/4		1/4	
1/2	3,840.50	1/2	4,199.01	1/2	4,557.52	1/2	4,916.03	1/2	5,261.48	1/2		1/2		1/2		1/2		1/2	
3/4	3,847.97	3/4	4,206.48	3/4	4,564.99	3/4	4,923.50	3/4	5,266.15	3/4		3/4		3/4		3/4		3/4	
9	3,855.44	9	4,213.95	9	4,572.46	9	4,930.97	9	5,270.82	9		9		9		9		9	
1/4	3,862.91	1/4	4,221.42	1/4	4,579.93	1/4	4,938.44	1/4	5,274.24	1/4		1/4		1/4		1/4		1/4	
1/2	3,870.37	1/2	4,228.89	1/2	4,587.40	1/2	4,945.91	1/2	5,277.67	1/2		1/2		1/2		1/2		1/2	
3/4	3,877.84	3/4	4,236.36	3/4	4,594.87	3/4	4,953.38	3/4	5,281.09	3/4		3/4		3/4		3/4		3/4	
10	3,885.31	10	4,243.82	10	4,602.34	10	4,960.85	10	5,284.52	10		10		10		10		10	
1/4	3,892.78	1/4	4,251.29	1/4	4,609.81	1/4	4,968.32	1/4	5,286.70	1/4		1/4		1/4		1/4		1/4	
1/2	3,900.25	1/2	4,258.76	1/2	4,617.27	1/2	4,975.79	1/2	5,288.88	1/2		1/2		1/2		1/2		1/2	
3/4	3,907.72	3/4	4,266.23	3/4	4,624.74	3/4	4,983.26	3/4	5,291.06	3/4		3/4		3/4		3/4		3/4	
11	3,915.19	11	4,273.70	11	4,632.21	11	4,990.72	11	5,293.24	11		11		11		11		11	
1/4	3,922.66	1/4	4,281.17	1/4	4,639.68	1/4	4,998.19	1/4	5,294.17	1/4		1/4		1/4		1/4		1/4	
1/2	3,930.13	1/2	4,288.64	1/2	4,647.15	1/2	5,005.66	1/2	5,295.11	1/2		1/2		1/2		1/2		1/2	
3/4	3,937.60	3/4	4,296.11	3/4	4,654.62	3/4	5,013.13	3/4	5,296.05	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 INNGAGE 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: 05/08/09 BY: JF
DATE COMPUTED: 05/09/09 BY: WHF
DATE ISSUED: 05/12/09

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	18.98	0	362.57	0	721.26	0	1,079.38	0	1,436.25	0	1,795.09	0	2,153.94	0	2,512.79	0	2,871.64	0	3,230.49
1/4	23.65	1/4	370.05	1/4	728.73	1/4	1,086.79	1/4	1,443.72	1/4	1,802.57	1/4	2,161.42	1/4	2,520.27	1/4	2,879.11	1/4	3,237.96
1/2	28.32	1/2	377.52	1/2	736.21	1/2	1,094.19	1/2	1,451.20	1/2	1,810.05	1/2	2,168.89	1/2	2,527.74	1/2	2,886.59	1/2	3,245.44
3/4	32.99	3/4	384.99	3/4	743.68	3/4	1,101.60	3/4	1,458.67	3/4	1,817.52	3/4	2,176.37	3/4	2,535.22	3/4	2,894.07	3/4	3,252.91
1	37.67	1	392.46	1	751.15	1	1,109.00	1	1,466.15	1	1,825.00	1	2,183.85	1	2,542.69	1	2,901.54	1	3,260.39
1/4	44.20	1/4	399.94	1/4	758.63	1/4	1,116.41	1/4	1,473.63	1/4	1,832.47	1/4	2,191.32	1/4	2,550.17	1/4	2,909.02	1/4	3,267.87
1/2	50.74	1/2	407.41	1/2	766.10	1/2	1,123.81	1/2	1,481.10	1/2	1,839.95	1/2	2,198.80	1/2	2,557.65	1/2	2,916.49	1/2	3,275.34
3/4	57.28	3/4	414.88	3/4	773.57	3/4	1,131.22	3/4	1,488.58	3/4	1,847.43	3/4	2,206.27	3/4	2,565.12	3/4	2,923.97	3/4	3,282.82
2	63.82	2	422.35	2	781.04	2	1,138.63	2	1,496.05	2	1,854.90	2	2,213.75	2	2,572.60	2	2,931.45	2	3,290.29
1/4	71.29	1/4	429.83	1/4	788.52	1/4	1,146.03	1/4	1,503.53	1/4	1,862.38	1/4	2,221.23	1/4	2,580.07	1/4	2,938.92	1/4	3,297.77
1/2	78.76	1/2	437.30	1/2	795.99	1/2	1,153.44	1/2	1,511.01	1/2	1,869.85	1/2	2,228.70	1/2	2,587.55	1/2	2,946.40	1/2	3,305.25
3/4	86.23	3/4	444.77	3/4	803.46	3/4	1,160.84	3/4	1,518.48	3/4	1,877.33	3/4	2,236.18	3/4	2,595.03	3/4	2,953.87	3/4	3,312.72
3	93.70	3	452.24	3	810.93	3	1,168.25	3	1,525.96	3	1,884.81	3	2,243.65	3	2,602.50	3	2,961.35	3	3,320.20
1/4	101.16	1/4	459.72	1/4	818.41	1/4	1,175.65	1/4	1,533.43	1/4	1,892.28	1/4	2,251.13	1/4	2,609.98	1/4	2,968.83	1/4	3,327.67
1/2	108.63	1/2	467.19	1/2	825.88	1/2	1,183.06	1/2	1,540.91	1/2	1,899.76	1/2	2,258.61	1/2	2,617.45	1/2	2,976.30	1/2	3,335.15
3/4	116.10	3/4	474.66	3/4	833.35	3/4	1,190.47	3/4	1,548.39	3/4	1,907.23	3/4	2,266.08	3/4	2,624.93	3/4	2,983.78	3/4	3,342.63
4	123.57	4	482.14	4	840.83	4	1,197.87	4	1,555.86	4	1,914.71	4	2,273.56	4	2,632.41	4	2,991.25	4	3,350.10
1/4	131.04	1/4	489.61	1/4	848.30	1/4	1,205.28	1/4	1,563.34	1/4	1,922.19	1/4	2,281.03	1/4	2,639.88	1/4	2,998.73	1/4	3,357.58
1/2	138.51	1/2	497.08	1/2	855.77	1/2	1,212.68	1/2	1,570.81	1/2	1,929.66	1/2	2,288.51	1/2	2,647.36	1/2	3,006.21	1/2	3,365.05
3/4	145.98	3/4	504.55	3/4	863.24	3/4	1,220.09	3/4	1,578.29	3/4	1,937.14	3/4	2,295.99	3/4	2,654.83	3/4	3,013.68	3/4	3,372.53
5	153.45	5	512.03	5	870.71	5	1,227.49	5	1,585.77	5	1,944.61	5	2,303.46	5	2,662.31	5	3,021.16	5	3,380.01
1/4	160.92	1/4	519.50	1/4	878.18	1/4	1,234.90	1/4	1,593.24	1/4	1,952.09	1/4	2,310.94	1/4	2,669.79	1/4	3,028.63	1/4	3,387.48
1/2	168.38	1/2	526.97	1/2	885.65	1/2	1,242.31	1/2	1,600.72	1/2	1,959.57	1/2	2,318.41	1/2	2,677.26	1/2	3,036.11	1/2	3,394.96
3/4	175.85	3/4	534.44	3/4	893.12	3/4	1,249.71	3/4	1,608.19	3/4	1,967.04	3/4	2,325.89	3/4	2,684.74	3/4	3,043.59	3/4	3,402.43
6	183.32	6	541.92	6	900.60	6	1,257.12	6	1,615.67	6	1,974.52	6	2,333.37	6	2,692.21	6	3,051.06	6	3,409.91
1/4	190.79	1/4	549.39	1/4	908.07	1/4	1,264.56	1/4	1,623.15	1/4	1,981.99	1/4	2,340.84	1/4	2,699.69	1/4	3,058.54	1/4	3,417.39
1/2	198.26	1/2	556.86	1/2	915.54	1/2	1,272.00	1/2	1,630.62	1/2	1,989.47	1/2	2,348.32	1/2	2,707.17	1/2	3,066.01	1/2	3,424.86
3/4	205.73	3/4	564.34	3/4	923.01	3/4	1,279.43	3/4	1,638.10	3/4	1,996.95	3/4	2,355.79	3/4	2,714.64	3/4	3,073.49	3/4	3,432.34
7	213.20	7	571.81	7	930.48	7	1,286.87	7	1,645.57	7	2,004.42	7	2,363.27	7	2,722.12	7	3,080.97	7	3,439.81
1/4	220.67	1/4	579.28	1/4	937.95	1/4	1,294.31	1/4	1,653.05	1/4	2,011.90	1/4	2,370.75	1/4	2,729.59	1/4	3,088.44	1/4	3,447.29
1/2	228.13	1/2	586.75	1/2	945.42	1/2	1,301.75	1/2	1,660.53	1/2	2,019.37	1/2	2,378.22	1/2	2,737.07	1/2	3,095.92	1/2	3,454.77
3/4	235.60	3/4	594.23	3/4	952.89	3/4	1,309.19	3/4	1,668.00	3/4	2,026.85	3/4	2,385.70	3/4	2,744.55	3/4	3,103.39	3/4	3,462.24
8	243.07	8	601.70	8	960.36	8	1,316.63	8	1,675.48	8	2,034.33	8	2,393.17	8	2,752.02	8	3,110.87	8	3,469.72
1/4	250.54	1/4	609.17	1/4	967.84	1/4	1,324.11	1/4	1,682.95	1/4	2,041.80	1/4	2,400.65	1/4	2,759.50	1/4	3,118.35	1/4	3,476.20
1/2	258.01	1/2	616.64	1/2	975.31	1/2	1,331.58	1/2	1,690.43	1/2	2,049.28	1/2	2,408.13	1/2	2,766.97	1/2	3,125.82	1/2	3,482.67
3/4	265.48	3/4	624.12	3/4	982.78	3/4	1,339.06	3/4	1,697.91	3/4	2,056.75	3/4	2,415.60	3/4	2,774.45	3/4	3,133.30	3/4	3,489.15
9	272.95	9	631.59	9	990.25	9	1,346.53	9	1,705.38	9	2,064.23	9	2,423.08	9	2,781.93	9	3,140.77	9	3,495.63
1/4	280.42	1/4	639.06	1/4	997.72	1/4	1,354.01	1/4	1,712.86	1/4	2,071.71	1/4	2,430.55	1/4	2,789.40	1/4	3,148.25	1/4	3,502.11
1/2	287.88	1/2	646.54	1/2	1,005.19	1/2	1,361.49	1/2	1,720.33	1/2	2,079.18	1/2	2,438.03	1/2	2,796.88	1/2	3,155.73	1/2	3,508.59
3/4	295.35	3/4	654.01	3/4	1,012.66	3/4	1,368.96	3/4	1,727.81	3/4	2,086.66	3/4	2,445.51	3/4	2,804.35	3/4	3,163.20	3/4	3,515.06
10	302.82	10	661.48	10	1,020.13	10	1,376.44	10	1,735.29	10	2,094.13	10	2,452.98	10	2,811.83	10	3,170.68	10	3,521.54
1/4	310.29	1/4	668.95	1/4	1,027.54	1/4	1,383.91	1/4	1,742.76	1/4	2,101.61	1/4	2,460.46	1/4	2,819.31	1/4	3,178.15	1/4	3,528.02
1/2	317.76	1/2	676.43	1/2	1,034.95	1/2	1,391.39	1/2	1,750.24	1/2	2,109.09	1/2	2,467.93	1/2	2,826.78	1/2	3,185.63	1/2	3,534.50
3/4	325.23	3/4	683.90	3/4	1,042.35	3/4	1,398.87	3/4	1,757.71	3/4	2,116.56	3/4	2,475.41	3/4	2,834.26	3/4	3,193.11	3/4	3,540.98
11	332.70	11	691.37	11	1,049.76	11	1,406.34	11	1,765.19	11	2,124.04	11	2,482.89	11	2,841.73	11	3,200.58	11	3,547.45
1/4	340.17	1/4	698.84	1/4	1,057.16	1/4	1,413.82	1/4	1,772.67	1/4	2,131.51	1/4	2,490.36	1/4	2,849.21	1/4	3,208.06	1/4	3,553.93
1/2	347.64	1/2	706.32	1/2	1,064.57	1/2	1,421.29	1/2	1,780.14	1/2	2,138.99	1/2	2,497.84	1/2	2,856.69	1/2	3,215.53	1/2	3,560.41
3/4	355.10	3/4	713.79	3/4	1,071.97	3/4	1,428.77	3/4	1,787.62	3/4	2,146.47	3/4	2,505.31	3/4	2,864.16	3/4	3,223.01	3/4	3,566.89

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

NOTE: CAPACITY TABLE APPLIES ONLY TO INNGAGE 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.

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OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

INTERTEK CALEB BRETT



DATE STRAPPED: 05/08/09 BY: JF
 DATE COMPUTED: 05/09/09 BY: WHF
 DATE ISSUED: 05/12/09

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	3,573.37	0	3,840.40	0	4,103.45	0	4,366.49	0	4,629.54	0	4,864.05	0		0		12"	F T 3 3/4	12"	F T -3 3/4
1/4	3,579.84	1/4	3,845.88	1/4	4,108.93	1/4	4,371.97	1/4	4,635.02	1/4	4,865.53	1/4		1/4		9"	O R I 2 7/8	9"	O R I -2 7/8
1/2	3,586.32	1/2	3,851.36	1/2	4,114.41	1/2	4,377.45	1/2	4,640.50	1/2	4,867.02	1/2		1/2		6"	W A R 1 7/8	6"	W A R -1 7/8
3/4	3,592.80	3/4	3,856.84	3/4	4,119.89	3/4	4,382.93	3/4	4,645.98	3/4		3/4		3/4		3"	A R D 1	3"	A R D -1
1	3,599.28	1	3,862.32	1	4,125.37	1	4,388.41	1	4,651.46	1		1		1		Even	Nil	Even	Nil
1/4	3,604.76	1/4	3,867.80	1/4	4,130.85	1/4	4,393.89	1/4	4,656.94	1/4		1/4		1/4		-3"	S T E -1	-3"	S T E 1
1/2	3,610.24	1/2	3,873.28	1/2	4,136.33	1/2	4,399.37	1/2	4,662.42	1/2		1/2		1/2		-6"	T E R -1 7/8	-6"	T E R 1 7/8
3/4	3,615.72	3/4	3,878.76	3/4	4,141.81	3/4	4,404.85	3/4	4,667.90	3/4		3/4		3/4		-9"	R N -2 7/8	-9"	R N 2 7/8
2	3,621.20	2	3,884.24	2	4,147.29	2	4,410.33	2	4,673.38	2		2		2		-12"	N -3 3/4	-12"	N 3 3/4
1/4	3,626.68	1/4	3,889.72	1/4	4,152.77	1/4	4,415.81	1/4	4,678.86	1/4		1/4		1/4		-15"	T -4 3/4	-15"	T 4 3/4
1/2	3,632.16	1/2	3,895.20	1/2	4,158.25	1/2	4,421.29	1/2	4,684.34	1/2		1/2		1/2		-18"	R -5 5/8	-18"	R 5 5/8
3/4	3,637.64	3/4	3,900.68	3/4	4,163.73	3/4	4,426.77	3/4	4,689.82	3/4		3/4		3/4		-21"	M -6 5/8	-21"	M 6 5/8
3	3,643.12	3	3,906.16	3	4,169.21	3	4,432.25	3	4,695.30	3		3		3		-24"	R -7 5/8	-24"	R 7 5/8
1/4	3,648.60	1/4	3,911.64	1/4	4,174.69	1/4	4,437.73	1/4	4,700.78	1/4		1/4		1/4		-27"	I M -8 1/2	-27"	I M 8 1/2
1/2	3,654.08	1/2	3,917.12	1/2	4,180.17	1/2	4,443.21	1/2	4,706.26	1/2		1/2		1/2		-30"	M -9 1/2	-30"	M 9 1/2
3/4	3,659.56	3/4	3,922.60	3/4	4,185.65	3/4	4,448.69	3/4	4,711.74	3/4		3/4		3/4		-33"	M -10 3/8	-33"	M 10 3/8
4	3,665.04	4	3,928.08	4	4,191.13	4	4,454.17	4	4,717.22	4		4		4		-36"	M -11 3/8	-36"	M 11 3/8
1/4	3,670.52	1/4	3,933.56	1/4	4,196.61	1/4	4,459.65	1/4	4,722.70	1/4		1/4		1/4		-39"	M -12 1/4	-39"	M 12 1/4
1/2	3,676.00	1/2	3,939.04	1/2	4,202.09	1/2	4,465.13	1/2	4,728.18	1/2		1/2		1/2		-42"	M -13 1/4	-42"	M 13 1/4
3/4	3,681.48	3/4	3,944.52	3/4	4,207.57	3/4	4,470.61	3/4	4,733.66	3/4		3/4		3/4		-45"	M -14 1/4	-45"	M 14 1/4
5	3,686.96	5	3,950.00	5	4,213.05	5	4,476.09	5	4,739.14	5		5		5		-48"	M -15 1/8	-48"	M 15 1/8
1/4	3,692.44	1/4	3,955.48	1/4	4,218.53	1/4	4,481.57	1/4	4,744.62	1/4		1/4		1/4					
1/2	3,697.92	1/2	3,960.96	1/2	4,224.01	1/2	4,487.05	1/2	4,750.10	1/2		1/2		1/2					
3/4	3,703.40	3/4	3,966.44	3/4	4,229.49	3/4	4,492.53	3/4	4,755.58	3/4		3/4		3/4					
6	3,708.88	6	3,971.93	6	4,234.97	6	4,498.01	6	4,761.06	6		6		6		APPLY TRIM CORRECTION TO INNGAGES OBTAINED AT THE MMC GAUGE POINT. NEGATIVE CORRECTION (-), SUBTRACT FROM INNGAGE.		APPLY TRIM CORRECTION TO INNGAGES OBTAINED AT THE MMC GAUGE POINT. NEGATIVE CORRECTION (-), SUBTRACT FROM INNGAGE.	
1/4	3,714.36	1/4	3,977.41	1/4	4,240.45	1/4	4,503.49	1/4	4,766.54	1/4		1/4		1/4					
1/2	3,719.84	1/2	3,982.89	1/2	4,245.93	1/2	4,508.97	1/2	4,772.02	1/2		1/2		1/2					
3/4	3,725.32	3/4	3,988.37	3/4	4,251.41	3/4	4,514.45	3/4	4,777.50	3/4		3/4		3/4					
7	3,730.80	7	3,993.85	7	4,256.89	7	4,519.94	7	4,782.98	7		7		7		FOR TRIM BY THE STERN, THE CORRECTION IS SUBTRACTED FROM INNGAGES.		FOR TRIM BY THE STERN, THE CORRECTION IS ADDED TO INNGAGES.	
1/4	3,736.28	1/4	3,999.33	1/4	4,262.37	1/4	4,525.42	1/4	4,788.46	1/4		1/4		1/4					
1/2	3,741.76	1/2	4,004.81	1/2	4,267.85	1/2	4,530.90	1/2	4,793.94	1/2		1/2		1/2					
3/4	3,747.24	3/4	4,010.29	3/4	4,273.33	3/4	4,536.38	3/4	4,799.42	3/4		3/4		3/4					
8	3,752.72	8	4,015.77	8	4,278.81	8	4,541.86	8	4,804.90	8		8		8					
1/4	3,758.20	1/4	4,021.25	1/4	4,284.29	1/4	4,547.34	1/4	4,809.75	1/4		1/4		1/4					
1/2	3,763.68	1/2	4,026.73	1/2	4,289.77	1/2	4,552.82	1/2	4,814.60	1/2		1/2		1/2					
3/4	3,769.16	3/4	4,032.21	3/4	4,295.25	3/4	4,558.30	3/4	4,819.46	3/4		3/4		3/4					
9	3,774.64	9	4,037.69	9	4,300.73	9	4,563.78	9	4,824.31	9		9		9					
1/4	3,780.12	1/4	4,043.17	1/4	4,306.21	1/4	4,569.26	1/4	4,828.53	1/4		1/4		1/4					
1/2	3,785.60	1/2	4,048.65	1/2	4,311.69	1/2	4,574.74	1/2	4,832.76	1/2		1/2		1/2					
3/4	3,791.08	3/4	4,054.13	3/4	4,317.17	3/4	4,580.22	3/4	4,836.98	3/4		3/4		3/4					
10	3,796.56	10	4,059.61	10	4,322.65	10	4,585.70	10	4,841.21	10		10		10					
1/4	3,802.04	1/4	4,065.09	1/4	4,328.13	1/4	4,591.18	1/4	4,844.52	1/4		1/4		1/4					
1/2	3,807.52	1/2	4,070.57	1/2	4,333.61	1/2	4,596.66	1/2	4,847.83	1/2		1/2		1/2					
3/4	3,813.00	3/4	4,076.05	3/4	4,339.09	3/4	4,602.14	3/4	4,851.14	3/4		3/4		3/4					
11	3,818.48	11	4,081.53	11	4,344.57	11	4,607.62	11	4,854.45	11		11		11		* CORRECTION ONLY APPLIES TO INNGAGES GREATER THAN 12' 6 1/2".		** CORRECTION ONLY APPLIES TO INNGAGES LESS THAN 12' 6 1/2".	
1/4	3,823.96	1/4	4,087.01	1/4	4,350.05	1/4	4,613.10	1/4	4,856.85	1/4		1/4		1/4					
1/2	3,829.44	1/2	4,092.49	1/2	4,355.53	1/2	4,618.58	1/2	4,859.25	1/2		1/2		1/2					
3/4	3,834.92	3/4	4,097.97	3/4	4,361.01	3/4	4,624.06	3/4	4,861.65	3/4		3/4		3/4					

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

NOTE: CAPACITY TABLE APPLIES ONLY TO INNGAGE 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: 05/08/09 BY: JF
 DATE COMPUTED: 05/09/09 BY: WHF
 DATE ISSUED: 05/12/09

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	18.98	0	362.57	0	721.26	0	1,079.38	0	1,436.25	0	1,795.09	0	2,153.94	0	2,512.79	0	2,871.64	0	3,230.49
1/4	23.65	1/4	370.05	1/4	728.73	1/4	1,086.79	1/4	1,443.72	1/4	1,802.57	1/4	2,161.42	1/4	2,520.27	1/4	2,879.11	1/4	3,237.96
1/2	28.32	1/2	377.52	1/2	736.21	1/2	1,094.19	1/2	1,451.20	1/2	1,810.05	1/2	2,168.89	1/2	2,527.74	1/2	2,886.59	1/2	3,245.44
3/4	32.99	3/4	384.99	3/4	743.68	3/4	1,101.60	3/4	1,458.67	3/4	1,817.52	3/4	2,176.37	3/4	2,535.22	3/4	2,894.07	3/4	3,252.91
1	37.67	1	392.46	1	751.15	1	1,109.00	1	1,466.15	1	1,825.00	1	2,183.85	1	2,542.69	1	2,901.54	1	3,260.39
1/4	44.20	1/4	399.94	1/4	758.63	1/4	1,116.41	1/4	1,473.63	1/4	1,832.47	1/4	2,191.32	1/4	2,550.17	1/4	2,909.02	1/4	3,267.87
1/2	50.74	1/2	407.41	1/2	766.10	1/2	1,123.81	1/2	1,481.10	1/2	1,839.95	1/2	2,198.80	1/2	2,557.65	1/2	2,916.49	1/2	3,275.34
3/4	57.28	3/4	414.88	3/4	773.57	3/4	1,131.22	3/4	1,488.58	3/4	1,847.43	3/4	2,206.27	3/4	2,565.12	3/4	2,923.97	3/4	3,282.82
2	63.82	2	422.35	2	781.04	2	1,138.63	2	1,496.05	2	1,854.90	2	2,213.75	2	2,572.60	2	2,931.45	2	3,290.29
1/4	71.29	1/4	429.83	1/4	788.52	1/4	1,146.03	1/4	1,503.53	1/4	1,862.38	1/4	2,221.23	1/4	2,580.07	1/4	2,938.92	1/4	3,297.77
1/2	78.76	1/2	437.30	1/2	795.99	1/2	1,153.44	1/2	1,511.01	1/2	1,869.85	1/2	2,228.70	1/2	2,587.55	1/2	2,946.40	1/2	3,305.25
3/4	86.23	3/4	444.77	3/4	803.46	3/4	1,160.84	3/4	1,518.48	3/4	1,877.33	3/4	2,236.18	3/4	2,595.03	3/4	2,953.87	3/4	3,312.72
3	93.70	3	452.24	3	810.93	3	1,168.25	3	1,525.96	3	1,884.81	3	2,243.65	3	2,602.50	3	2,961.35	3	3,320.20
1/4	101.16	1/4	459.72	1/4	818.41	1/4	1,175.65	1/4	1,533.43	1/4	1,892.28	1/4	2,251.13	1/4	2,609.98	1/4	2,968.83	1/4	3,327.67
1/2	108.63	1/2	467.19	1/2	825.88	1/2	1,183.06	1/2	1,540.91	1/2	1,899.76	1/2	2,258.61	1/2	2,617.45	1/2	2,976.30	1/2	3,335.15
3/4	116.10	3/4	474.66	3/4	833.35	3/4	1,190.47	3/4	1,548.39	3/4	1,907.23	3/4	2,266.08	3/4	2,624.93	3/4	2,983.78	3/4	3,342.63
4	123.57	4	482.14	4	840.83	4	1,197.87	4	1,555.86	4	1,914.71	4	2,273.56	4	2,632.41	4	2,991.25	4	3,350.10
1/4	131.04	1/4	489.61	1/4	848.30	1/4	1,205.28	1/4	1,563.34	1/4	1,922.19	1/4	2,281.03	1/4	2,639.88	1/4	2,998.73	1/4	3,357.58
1/2	138.51	1/2	497.08	1/2	855.77	1/2	1,212.68	1/2	1,570.81	1/2	1,929.66	1/2	2,288.51	1/2	2,647.36	1/2	3,006.21	1/2	3,365.05
3/4	145.98	3/4	504.55	3/4	863.24	3/4	1,220.09	3/4	1,578.29	3/4	1,937.14	3/4	2,295.99	3/4	2,654.83	3/4	3,013.68	3/4	3,372.53
5	153.45	5	512.03	5	870.71	5	1,227.49	5	1,585.77	5	1,944.61	5	2,303.46	5	2,662.31	5	3,021.16	5	3,380.01
1/4	160.92	1/4	519.50	1/4	878.18	1/4	1,234.90	1/4	1,593.24	1/4	1,952.09	1/4	2,310.94	1/4	2,669.79	1/4	3,028.63	1/4	3,387.48
1/2	168.38	1/2	526.97	1/2	885.65	1/2	1,242.31	1/2	1,600.72	1/2	1,959.57	1/2	2,318.41	1/2	2,677.26	1/2	3,036.11	1/2	3,394.96
3/4	175.85	3/4	534.44	3/4	893.12	3/4	1,249.71	3/4	1,608.19	3/4	1,967.04	3/4	2,325.89	3/4	2,684.74	3/4	3,043.59	3/4	3,402.43
6	183.32	6	541.92	6	900.60	6	1,257.12	6	1,615.67	6	1,974.52	6	2,333.37	6	2,692.21	6	3,051.06	6	3,409.91
1/4	190.79	1/4	549.39	1/4	908.07	1/4	1,264.56	1/4	1,623.15	1/4	1,981.99	1/4	2,340.84	1/4	2,699.69	1/4	3,058.54	1/4	3,417.39
1/2	198.26	1/2	556.86	1/2	915.54	1/2	1,272.00	1/2	1,630.62	1/2	1,989.47	1/2	2,348.32	1/2	2,707.17	1/2	3,066.01	1/2	3,424.86
3/4	205.73	3/4	564.34	3/4	923.01	3/4	1,279.43	3/4	1,638.10	3/4	1,996.95	3/4	2,355.79	3/4	2,714.64	3/4	3,073.49	3/4	3,432.34
7	213.20	7	571.81	7	930.48	7	1,286.87	7	1,645.57	7	2,004.42	7	2,363.27	7	2,722.12	7	3,080.97	7	3,439.81
1/4	220.67	1/4	579.28	1/4	937.95	1/4	1,294.31	1/4	1,653.05	1/4	2,011.90	1/4	2,370.75	1/4	2,729.59	1/4	3,088.44	1/4	3,447.29
1/2	228.13	1/2	586.75	1/2	945.42	1/2	1,301.75	1/2	1,660.53	1/2	2,019.37	1/2	2,378.22	1/2	2,737.07	1/2	3,095.92	1/2	3,454.77
3/4	235.60	3/4	594.23	3/4	952.89	3/4	1,309.19	3/4	1,668.00	3/4	2,026.85	3/4	2,385.70	3/4	2,744.55	3/4	3,103.39	3/4	3,462.24
8	243.07	8	601.70	8	960.36	8	1,316.63	8	1,675.48	8	2,034.33	8	2,393.17	8	2,752.02	8	3,110.87	8	3,469.72
1/4	250.54	1/4	609.17	1/4	967.84	1/4	1,324.11	1/4	1,682.95	1/4	2,041.80	1/4	2,400.65	1/4	2,759.50	1/4	3,118.35	1/4	3,476.20
1/2	258.01	1/2	616.64	1/2	975.31	1/2	1,331.58	1/2	1,690.43	1/2	2,049.28	1/2	2,408.13	1/2	2,766.97	1/2	3,125.82	1/2	3,482.67
3/4	265.48	3/4	624.12	3/4	982.78	3/4	1,339.06	3/4	1,697.91	3/4	2,056.75	3/4	2,415.60	3/4	2,774.45	3/4	3,133.30	3/4	3,489.15
9	272.95	9	631.59	9	990.25	9	1,346.53	9	1,705.38	9	2,064.23	9	2,423.08	9	2,781.93	9	3,140.77	9	3,495.63
1/4	280.42	1/4	639.06	1/4	997.72	1/4	1,354.01	1/4	1,712.86	1/4	2,071.71	1/4	2,430.55	1/4	2,789.40	1/4	3,148.25	1/4	3,502.11
1/2	287.88	1/2	646.54	1/2	1,005.19	1/2	1,361.49	1/2	1,720.33	1/2	2,079.18	1/2	2,438.03	1/2	2,796.88	1/2	3,155.73	1/2	3,508.59
3/4	295.35	3/4	654.01	3/4	1,012.66	3/4	1,368.96	3/4	1,727.81	3/4	2,086.66	3/4	2,445.51	3/4	2,804.35	3/4	3,163.20	3/4	3,515.06
10	302.82	10	661.48	10	1,020.13	10	1,376.44	10	1,735.29	10	2,094.13	10	2,452.98	10	2,811.83	10	3,170.68	10	3,521.54
1/4	310.29	1/4	668.95	1/4	1,027.54	1/4	1,383.91	1/4	1,742.76	1/4	2,101.61	1/4	2,460.46	1/4	2,819.31	1/4	3,178.15	1/4	3,528.02
1/2	317.76	1/2	676.43	1/2	1,034.95	1/2	1,391.39	1/2	1,750.24	1/2	2,109.09	1/2	2,467.93	1/2	2,826.78	1/2	3,185.63	1/2	3,534.50
3/4	325.23	3/4	683.90	3/4	1,042.35	3/4	1,398.87	3/4	1,757.71	3/4	2,116.56	3/4	2,475.41	3/4	2,834.26	3/4	3,193.11	3/4	3,540.98
11	332.70	11	691.37	11	1,049.76	11	1,406.34	11	1,765.19	11	2,124.04	11	2,482.89	11	2,841.73	11	3,200.58	11	3,547.45
1/4	340.17	1/4	698.84	1/4	1,057.16	1/4	1,413.82	1/4	1,772.67	1/4	2,131.51	1/4	2,490.36	1/4	2,849.21	1/4	3,208.06	1/4	3,553.93
1/2	347.64	1/2	706.32	1/2	1,064.57	1/2	1,421.29	1/2	1,780.14	1/2	2,138.99	1/2	2,497.84	1/2	2,856.69	1/2	3,215.53	1/2	3,560.41
3/4	355.10	3/4	713.79	3/4	1,071.97	3/4	1,428.77	3/4	1,787.62	3/4	2,146.47	3/4	2,505.31	3/4	2,864.16	3/4	3,223.01	3/4	3,566.89

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.

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OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

INTERTEK CALEB BRETT



DATE STRAPPED: 05/08/09 BY: JF
 DATE COMPUTED: 05/09/09 BY: WHF
 DATE ISSUED: 05/12/09

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	3,573.37	0	3,840.40	0	4,103.45	0	4,366.49	0	4,629.54	0	4,864.05	0		0		12"	F T 3 3/4	12"	F T -3 3/4
1/4	3,579.84	1/4	3,845.88	1/4	4,108.93	1/4	4,371.97	1/4	4,635.02	1/4	4,865.53	1/4		1/4		9"	O R I 2 7/8	9"	O R I -2 7/8
1/2	3,586.32	1/2	3,851.36	1/2	4,114.41	1/2	4,377.45	1/2	4,640.50	1/2	4,867.02	1/2		1/2		6"	W M 1 7/8	6"	W M -1 7/8
3/4	3,592.80	3/4	3,856.84	3/4	4,119.89	3/4	4,382.93	3/4	4,645.98	3/4		3/4		3/4		3"	A R 1	3"	A R -1
1	3,599.28	1	3,862.32	1	4,125.37	1	4,388.41	1	4,651.46	1		1		1		Even	D Nil	Even	D Nil
1/4	3,604.76	1/4	3,867.80	1/4	4,130.85	1/4	4,393.89	1/4	4,656.94	1/4		1/4		1/4		-3"	S T -1	-3"	S T 1
1/2	3,610.24	1/2	3,873.28	1/2	4,136.33	1/2	4,399.37	1/2	4,662.42	1/2		1/2		1/2		-6"	T E -1 7/8	-6"	T E 1 7/8
3/4	3,615.72	3/4	3,878.76	3/4	4,141.81	3/4	4,404.85	3/4	4,667.90	3/4		3/4		3/4		-9"	E R -2 7/8	-9"	E R 2 7/8
2	3,621.20	2	3,884.24	2	4,147.29	2	4,410.33	2	4,673.38	2		2		2		-12"	N -3 3/4	-12"	N 3 3/4
1/4	3,626.68	1/4	3,889.72	1/4	4,152.77	1/4	4,415.81	1/4	4,678.86	1/4		1/4		1/4		-15"	-4 3/4	-15"	4 3/4
1/2	3,632.16	1/2	3,895.20	1/2	4,158.25	1/2	4,421.29	1/2	4,684.34	1/2		1/2		1/2		-18"	-5 5/8	-18"	5 5/8
3/4	3,637.64	3/4	3,900.68	3/4	4,163.73	3/4	4,426.77	3/4	4,689.82	3/4		3/4		3/4		-21"	-6 5/8	-21"	6 5/8
3	3,643.12	3	3,906.16	3	4,169.21	3	4,432.25	3	4,695.30	3		3		3		-24"	T R -7 5/8	-24"	T R 7 5/8
1/4	3,648.60	1/4	3,911.64	1/4	4,174.69	1/4	4,437.73	1/4	4,700.78	1/4		1/4		1/4		-27"	M -8 1/2	-27"	M 8 1/2
1/2	3,654.08	1/2	3,917.12	1/2	4,180.17	1/2	4,443.21	1/2	4,706.26	1/2		1/2		1/2		-30"	-9 1/2	-30"	9 1/2
3/4	3,659.56	3/4	3,922.60	3/4	4,185.65	3/4	4,448.69	3/4	4,711.74	3/4		3/4		3/4		-33"	-10 3/8	-33"	10 3/8
4	3,665.04	4	3,928.08	4	4,191.13	4	4,454.17	4	4,717.22	4		4		4		-36"	-11 3/8	-36"	11 3/8
1/4	3,670.52	1/4	3,933.56	1/4	4,196.61	1/4	4,459.65	1/4	4,722.70	1/4		1/4		1/4		-39"	-12 1/4	-39"	12 1/4
1/2	3,676.00	1/2	3,939.04	1/2	4,202.09	1/2	4,465.13	1/2	4,728.18	1/2		1/2		1/2		-42"	-13 1/4	-42"	13 1/4
3/4	3,681.48	3/4	3,944.52	3/4	4,207.57	3/4	4,470.61	3/4	4,733.66	3/4		3/4		3/4		-45"	-14 1/4	-45"	14 1/4
5	3,686.96	5	3,950.00	5	4,213.05	5	4,476.09	5	4,739.14	5		5		5		-48"	-15 1/8	-48"	15 1/8
1/4	3,692.44	1/4	3,955.48	1/4	4,218.53	1/4	4,481.57	1/4	4,744.62	1/4		1/4		1/4					
1/2	3,697.92	1/2	3,960.96	1/2	4,224.01	1/2	4,487.05	1/2	4,750.10	1/2		1/2		1/2					
3/4	3,703.40	3/4	3,966.44	3/4	4,229.49	3/4	4,492.53	3/4	4,755.58	3/4		3/4		3/4					
6	3,708.88	6	3,971.93	6	4,234.97	6	4,498.01	6	4,761.06	6		6		6					
1/4	3,714.36	1/4	3,977.41	1/4	4,240.45	1/4	4,503.49	1/4	4,766.54	1/4		1/4		1/4					
1/2	3,719.84	1/2	3,982.89	1/2	4,245.93	1/2	4,508.97	1/2	4,772.02	1/2		1/2		1/2					
3/4	3,725.32	3/4	3,988.37	3/4	4,251.41	3/4	4,514.45	3/4	4,777.50	3/4		3/4		3/4					
7	3,730.80	7	3,993.85	7	4,256.89	7	4,519.94	7	4,782.98	7		7		7					
1/4	3,736.28	1/4	3,999.33	1/4	4,262.37	1/4	4,525.42	1/4	4,788.46	1/4		1/4		1/4					
1/2	3,741.76	1/2	4,004.81	1/2	4,267.85	1/2	4,530.90	1/2	4,793.94	1/2		1/2		1/2					
3/4	3,747.24	3/4	4,010.29	3/4	4,273.33	3/4	4,536.38	3/4	4,799.42	3/4		3/4		3/4					
8	3,752.72	8	4,015.77	8	4,278.81	8	4,541.86	8	4,804.90	8		8		8					
1/4	3,758.20	1/4	4,021.25	1/4	4,284.29	1/4	4,547.34	1/4	4,809.75	1/4		1/4		1/4					
1/2	3,763.68	1/2	4,026.73	1/2	4,289.77	1/2	4,552.82	1/2	4,814.60	1/2		1/2		1/2					
3/4	3,769.16	3/4	4,032.21	3/4	4,295.25	3/4	4,558.30	3/4	4,819.46	3/4		3/4		3/4					
9	3,774.64	9	4,037.69	9	4,300.73	9	4,563.78	9	4,824.31	9		9		9					
1/4	3,780.12	1/4	4,043.17	1/4	4,306.21	1/4	4,569.26	1/4	4,828.53	1/4		1/4		1/4					
1/2	3,785.60	1/2	4,048.65	1/2	4,311.69	1/2	4,574.74	1/2	4,832.76	1/2		1/2		1/2					
3/4	3,791.08	3/4	4,054.13	3/4	4,317.17	3/4	4,580.22	3/4	4,836.98	3/4		3/4		3/4					
10	3,796.56	10	4,059.61	10	4,322.65	10	4,585.70	10	4,841.21	10		10		10					
1/4	3,802.04	1/4	4,065.09	1/4	4,328.13	1/4	4,591.18	1/4	4,844.52	1/4		1/4		1/4					
1/2	3,807.52	1/2	4,070.57	1/2	4,333.61	1/2	4,596.66	1/2	4,847.83	1/2		1/2		1/2					
3/4	3,813.00	3/4	4,076.05	3/4	4,339.09	3/4	4,602.14	3/4	4,851.14	3/4		3/4		3/4					
11	3,818.48	11	4,081.53	11	4,344.57	11	4,607.62	11	4,854.45	11		11		11					
1/4	3,823.96	1/4	4,087.01	1/4	4,350.05	1/4	4,613.10	1/4	4,856.85	1/4		1/4		1/4					
1/2	3,829.44	1/2	4,092.49	1/2	4,355.53	1/2	4,618.58	1/2	4,859.25	1/2		1/2		1/2					
3/4	3,834.92	3/4	4,097.97	3/4	4,361.01	3/4	4,624.06	3/4	4,861.65	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: 05/08/09 BY: JF
 DATE COMPUTED: 05/09/09 BY: WHF
 DATE ISSUED: 05/12/09