

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR GAUGING WITH MMC GAUGE TAPE ONLY

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	4,539.25	0	4,262.98	0	3,952.18	0	3,641.38	0	3,330.58	0	3,019.78	0	2,708.98	0	2,398.18
1/4		1/4		1/4	4,537.09	1/4	4,256.51	1/4	3,945.71	1/4	3,634.91	1/4	3,324.11	1/4	3,013.31	1/4	2,702.51	1/4	2,391.71
1/2		1/2		1/2	4,534.93	1/2	4,250.03	1/2	3,939.23	1/2	3,628.43	1/2	3,317.63	1/2	3,006.83	1/2	2,696.03	1/2	2,385.23
3/4		3/4		3/4	4,531.69	3/4	4,243.56	3/4	3,932.76	3/4	3,621.96	3/4	3,311.16	3/4	3,000.36	3/4	2,689.56	3/4	2,378.76
1		1		1	4,528.46	1	4,237.08	1	3,926.28	1	3,615.48	1	3,304.68	1	2,993.88	1	2,683.08	1	2,372.28
1/4		1/4		1/4	4,525.22	1/4	4,230.61	1/4	3,919.81	1/4	3,609.01	1/4	3,298.21	1/4	2,987.41	1/4	2,676.61	1/4	2,365.81
1/2		1/2		1/2	4,521.98	1/2	4,224.13	1/2	3,913.33	1/2	3,602.53	1/2	3,291.73	1/2	2,980.93	1/2	2,670.13	1/2	2,359.33
3/4		3/4		3/4	4,517.66	3/4	4,217.66	3/4	3,906.86	3/4	3,596.06	3/4	3,285.26	3/4	2,974.46	3/4	2,663.66	3/4	2,352.86
2		2		2	4,513.35	2	4,211.18	2	3,900.38	2	3,589.58	2	3,278.78	2	2,967.98	2	2,657.18	2	2,346.38
1/4		1/4		1/4	4,509.03	1/4	4,204.71	1/4	3,893.91	1/4	3,583.11	1/4	3,272.31	1/4	2,961.51	1/4	2,650.71	1/4	2,339.91
1/2		1/2		1/2	4,504.71	1/2	4,198.23	1/2	3,887.43	1/2	3,576.63	1/2	3,265.83	1/2	2,955.03	1/2	2,644.23	1/2	2,333.43
3/4		3/4		3/4	4,499.32	3/4	4,191.76	3/4	3,880.96	3/4	3,570.16	3/4	3,259.36	3/4	2,948.56	3/4	2,637.76	3/4	2,326.96
3		3		3	4,493.92	3	4,185.28	3	3,874.48	3	3,563.68	3	3,252.88	3	2,942.08	3	2,631.28	3	2,320.48
1/4		1/4		1/4	4,488.53	1/4	4,178.81	1/4	3,868.01	1/4	3,557.21	1/4	3,246.41	1/4	2,935.61	1/4	2,624.81	1/4	2,314.01
1/2		1/2		1/2	4,483.13	1/2	4,172.33	1/2	3,861.53	1/2	3,550.73	1/2	3,239.93	1/2	2,929.13	1/2	2,618.33	1/2	2,307.53
3/4		3/4		3/4	4,476.66	3/4	4,165.86	3/4	3,855.06	3/4	3,544.26	3/4	3,233.46	3/4	2,922.66	3/4	2,611.86	3/4	2,301.06
4		4		4	4,470.18	4	4,159.38	4	3,848.58	4	3,537.78	4	3,226.98	4	2,916.18	4	2,605.38	4	2,294.58
1/4		1/4		1/4	4,463.71	1/4	4,152.91	1/4	3,842.11	1/4	3,531.31	1/4	3,220.51	1/4	2,909.71	1/4	2,598.91	1/4	2,288.11
1/2		1/2		1/2	4,457.23	1/2	4,146.43	1/2	3,835.63	1/2	3,524.83	1/2	3,214.03	1/2	2,903.23	1/2	2,592.43	1/2	2,281.63
3/4		3/4		3/4	4,450.76	3/4	4,139.96	3/4	3,829.16	3/4	3,518.36	3/4	3,207.56	3/4	2,896.76	3/4	2,585.96	3/4	2,275.16
5		5		5	4,444.28	5	4,133.48	5	3,822.68	5	3,511.88	5	3,201.08	5	2,890.28	5	2,579.48	5	2,268.68
1/4		1/4		1/4	4,437.81	1/4	4,127.01	1/4	3,816.21	1/4	3,505.41	1/4	3,194.61	1/4	2,883.81	1/4	2,573.01	1/4	2,262.21
1/2		1/2		1/2	4,431.33	1/2	4,120.53	1/2	3,809.73	1/2	3,498.93	1/2	3,188.13	1/2	2,877.33	1/2	2,566.53	1/2	2,255.73
3/4		3/4		3/4	4,424.86	3/4	4,114.06	3/4	3,803.26	3/4	3,492.46	3/4	3,181.66	3/4	2,870.86	3/4	2,560.06	3/4	2,249.26
6		6		6	4,418.38	6	4,107.58	6	3,796.78	6	3,485.98	6	3,175.18	6	2,864.38	6	2,553.58	6	2,242.78
1/4		1/4		1/4	4,411.91	1/4	4,101.11	1/4	3,790.31	1/4	3,479.51	1/4	3,168.71	1/4	2,857.91	1/4	2,547.11	1/4	2,236.31
1/2		1/2		1/2	4,405.43	1/2	4,094.63	1/2	3,783.83	1/2	3,473.03	1/2	3,162.23	1/2	2,851.43	1/2	2,540.63	1/2	2,229.83
3/4		3/4		3/4	4,398.96	3/4	4,088.16	3/4	3,777.36	3/4	3,466.56	3/4	3,155.76	3/4	2,844.96	3/4	2,534.16	3/4	2,223.36
7		7		7	4,392.48	7	4,081.68	7	3,770.88	7	3,460.08	7	3,149.28	7	2,838.48	7	2,527.68	7	2,216.88
1/4		1/4		1/4	4,386.01	1/4	4,075.21	1/4	3,764.41	1/4	3,453.61	1/4	3,142.81	1/4	2,832.01	1/4	2,521.21	1/4	2,210.41
1/2		1/2		1/2	4,379.53	1/2	4,068.73	1/2	3,757.93	1/2	3,447.13	1/2	3,136.33	1/2	2,825.53	1/2	2,514.73	1/2	2,203.93
3/4		3/4		3/4	4,373.06	3/4	4,062.26	3/4	3,751.46	3/4	3,440.66	3/4	3,129.86	3/4	2,819.06	3/4	2,508.26	3/4	2,197.46
8		8		8	4,366.58	8	4,055.78	8	3,744.98	8	3,434.18	8	3,123.38	8	2,812.58	8	2,501.78	8	2,190.98
1/4		1/4		1/4	4,360.11	1/4	4,049.31	1/4	3,738.51	1/4	3,427.71	1/4	3,116.91	1/4	2,806.11	1/4	2,495.31	1/4	2,184.51
1/2		1/2		1/2	4,353.63	1/2	4,042.83	1/2	3,732.03	1/2	3,421.23	1/2	3,110.43	1/2	2,799.63	1/2	2,488.83	1/2	2,178.03
3/4		3/4		3/4	4,347.16	3/4	4,036.36	3/4	3,725.56	3/4	3,414.76	3/4	3,103.96	3/4	2,793.16	3/4	2,482.36	3/4	2,171.56
9		9		9	4,340.68	9	4,029.88	9	3,719.08	9	3,408.28	9	3,097.48	9	2,786.68	9	2,475.88	9	2,165.08
1/4		1/4		1/4	4,334.21	1/4	4,023.41	1/4	3,712.61	1/4	3,401.81	1/4	3,091.01	1/4	2,780.21	1/4	2,469.41	1/4	2,158.61
1/2		1/2		1/2	4,327.73	1/2	4,016.93	1/2	3,706.13	1/2	3,395.33	1/2	3,084.53	1/2	2,773.73	1/2	2,462.93	1/2	2,152.13
3/4		3/4		3/4	4,321.26	3/4	4,010.46	3/4	3,699.66	3/4	3,388.86	3/4	3,078.06	3/4	2,767.26	3/4	2,456.46	3/4	2,145.66
10		10		10	4,314.78	10	4,003.98	10	3,693.18	10	3,382.38	10	3,071.58	10	2,760.78	10	2,449.98	10	2,139.18
1/4		1/4		1/4	4,308.31	1/4	3,997.51	1/4	3,686.71	1/4	3,375.91	1/4	3,065.11	1/4	2,754.31	1/4	2,443.51	1/4	2,132.71
1/2		1/2	4,547.88	1/2	4,301.83	1/2	3,991.03	1/2	3,680.23	1/2	3,369.43	1/2	3,058.63	1/2	2,747.83	1/2	2,437.03	1/2	2,126.23
3/4		3/4	4,546.80	3/4	4,295.36	3/4	3,984.56	3/4	3,673.76	3/4	3,362.96	3/4	3,052.16	3/4	2,741.36	3/4	2,430.56	3/4	2,119.76
11		11	4,545.72	11	4,288.88	11	3,978.08	11	3,667.28	11	3,356.48	11	3,045.68	11	2,734.88	11	2,424.08	11	2,113.28
1/4		1/4	4,544.64	1/4	4,282.41	1/4	3,971.61	1/4	3,660.81	1/4	3,350.01	1/4	3,039.21	1/4	2,728.41	1/4	2,417.61	1/4	2,106.81
1/2		1/2	4,543.56	1/2	4,275.93	1/2	3,965.13	1/2	3,654.33	1/2	3,343.53	1/2	3,032.73	1/2	2,721.93	1/2	2,411.13	1/2	2,100.33
3/4		3/4	4,541.41	3/4	4,269.46	3/4	3,958.66	3/4	3,647.86	3/4	3,337.06	3/4	3,026.26	3/4	2,715.46	3/4	2,404.66	3/4	2,093.86

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

NOTE: CAPACITY TABLE APPLIES ONLY TO ULLAGE GAUGES OBTAINED WITH "MMC" GAUGE DEVICE.

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: 8/9/08 BY: JF
 DATE COMPUTED: 8/14/08 BY: WHF
 DATE RE-ISSUED: 8/26/08 FOR MMC GAUGE NOTES

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR GAUGING WITH MMC GAUGE TAPE ONLY

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	2,087.38	0	1,776.58	0	1,465.78	0	1,154.98	0	844.36	0	533.62	0	233.96	0		0		0	
1/4	2,080.91	1/4	1,770.11	1/4	1,459.31	1/4	1,148.51	1/4	837.89	1/4	527.15	1/4	228.12	1/4		1/4		1/4	
1/2	2,074.43	1/2	1,763.63	1/2	1,452.83	1/2	1,142.03	1/2	831.42	1/2	520.67	1/2	222.28	1/2		1/2		1/2	
3/4	2,067.96	3/4	1,757.16	3/4	1,446.36	3/4	1,135.56	3/4	824.95	3/4	514.20	3/4	216.51	3/4		3/4		3/4	
1	2,061.48	1	1,750.68	1	1,439.88	1	1,129.08	1	818.48	1	507.72	1	210.74	1		1		1	
1/4	2,055.01	1/4	1,744.21	1/4	1,433.41	1/4	1,122.61	1/4	812.00	1/4	501.25	1/4	204.98	1/4		1/4		1/4	
1/2	2,048.53	1/2	1,737.73	1/2	1,426.93	1/2	1,116.13	1/2	805.53	1/2	494.77	1/2	199.21	1/2		1/2		1/2	
3/4	2,042.06	3/4	1,731.26	3/4	1,420.46	3/4	1,109.66	3/4	799.06	3/4	488.30	3/4	193.51	3/4		3/4		3/4	
2	2,035.58	2	1,724.78	2	1,413.98	2	1,103.18	2	792.58	2	481.82	2	187.82	2		2		2	
1/4	2,029.11	1/4	1,718.31	1/4	1,407.51	1/4	1,096.71	1/4	786.11	1/4	475.35	1/4	182.12	1/4		1/4		1/4	
1/2	2,022.63	1/2	1,711.83	1/2	1,401.03	1/2	1,090.23	1/2	779.64	1/2	468.87	1/2	176.43	1/2		1/2		1/2	
3/4	2,016.16	3/4	1,705.36	3/4	1,394.56	3/4	1,083.76	3/4	773.16	3/4	462.40	3/4	170.80	3/4		3/4		3/4	
3	2,009.68	3	1,698.88	3	1,388.08	3	1,077.29	3	766.69	3	455.93	3	165.18	3		3		3	
1/4	2,003.21	1/4	1,692.41	1/4	1,381.61	1/4	1,070.81	1/4	760.22	1/4	449.45	1/4	159.56	1/4		1/4		1/4	
1/2	1,996.73	1/2	1,685.93	1/2	1,375.13	1/2	1,064.34	1/2	753.74	1/2	442.98	1/2	153.93	1/2		1/2		1/2	
3/4	1,990.26	3/4	1,679.46	3/4	1,368.66	3/4	1,057.87	3/4	747.27	3/4	436.56	3/4	148.38	3/4		3/4		3/4	
4	1,983.78	4	1,672.98	4	1,362.18	4	1,051.40	4	740.80	4	430.14	4	142.83	4		4		4	
1/4	1,977.31	1/4	1,666.51	1/4	1,355.71	1/4	1,044.92	1/4	734.32	1/4	423.72	1/4	137.28	1/4		1/4		1/4	
1/2	1,970.83	1/2	1,660.03	1/2	1,349.23	1/2	1,038.45	1/2	727.85	1/2	417.29	1/2	131.73	1/2		1/2		1/2	
3/4	1,964.36	3/4	1,653.56	3/4	1,342.76	3/4	1,031.98	3/4	721.38	3/4	410.95	3/4	126.25	3/4		3/4		3/4	
5	1,957.88	5	1,647.08	5	1,336.28	5	1,025.51	5	714.90	5	404.60	5	120.77	5		5		5	
1/4	1,951.41	1/4	1,640.61	1/4	1,329.81	1/4	1,019.04	1/4	708.43	1/4	398.25	1/4	115.30	1/4		1/4		1/4	
1/2	1,944.93	1/2	1,634.13	1/2	1,323.33	1/2	1,012.57	1/2	701.96	1/2	391.90	1/2	109.82	1/2		1/2		1/2	
3/4	1,938.46	3/4	1,627.66	3/4	1,316.86	3/4	1,006.10	3/4	695.48	3/4	385.63	3/4	104.41	3/4		3/4		3/4	
6	1,931.98	6	1,621.18	6	1,310.38	6	999.63	6	689.01	6	379.35	6	99.01	6		6		6	
1/4	1,925.51	1/4	1,614.71	1/4	1,303.91	1/4	993.16	1/4	682.54	1/4	373.08	1/4	93.60	1/4		1/4		1/4	
1/2	1,919.03	1/2	1,608.23	1/2	1,297.43	1/2	986.69	1/2	676.07	1/2	366.80	1/2	88.20	1/2		1/2		1/2	
3/4	1,912.56	3/4	1,601.76	3/4	1,290.96	3/4	980.23	3/4	669.59	3/4	360.60	3/4	82.86	3/4		3/4		3/4	
7	1,906.08	7	1,595.28	7	1,284.48	7	973.76	7	663.12	7	354.40	7	77.53	7		7		7	
1/4	1,899.61	1/4	1,588.81	1/4	1,278.01	1/4	967.29	1/4	656.64	1/4	348.19	1/4	72.20	1/4		1/4		1/4	
1/2	1,893.13	1/2	1,582.33	1/2	1,271.53	1/2	960.82	1/2	650.17	1/2	341.99	1/2	66.86	1/2		1/2		1/2	
3/4	1,886.66	3/4	1,575.86	3/4	1,265.06	3/4	954.35	3/4	643.69	3/4	335.86	3/4	61.60	3/4		3/4		3/4	
8	1,880.18	8	1,569.38	8	1,258.58	8	947.88	8	637.22	8	329.73	8	56.34	8		8		8	
1/4	1,873.71	1/4	1,562.91	1/4	1,252.11	1/4	941.41	1/4	630.74	1/4	323.60	1/4	51.08	1/4		1/4		1/4	
1/2	1,867.23	1/2	1,556.43	1/2	1,245.63	1/2	934.94	1/2	624.27	1/2	317.47	1/2	45.82	1/2		1/2		1/2	
3/4	1,860.76	3/4	1,549.96	3/4	1,239.16	3/4	928.47	3/4	617.79	3/4	311.41	3/4	41.25	3/4		3/4		3/4	
9	1,854.28	9	1,543.48	9	1,232.68	9	922.00	9	611.32	9	305.35	9	36.68	9		9		9	
1/4	1,847.81	1/4	1,537.01	1/4	1,226.21	1/4	915.53	1/4	604.84	1/4	299.29	1/4	32.11	1/4		1/4		1/4	
1/2	1,841.33	1/2	1,530.53	1/2	1,219.73	1/2	909.06	1/2	598.37	1/2	293.24	1/2	27.53	1/2		1/2		1/2	
3/4	1,834.86	3/4	1,524.06	3/4	1,213.26	3/4	902.59	3/4	591.89	3/4	287.25	3/4	24.27	3/4		3/4		3/4	
10	1,828.38	10	1,517.58	10	1,206.78	10	896.12	10	585.42	10	281.27	10	21.00	10		10		10	
1/4	1,821.91	1/4	1,511.11	1/4	1,200.31	1/4	889.65	1/4	578.94	1/4	275.28	1/4	17.74	1/4		1/4		1/4	
1/2	1,815.43	1/2	1,504.63	1/2	1,193.83	1/2	883.18	1/2	572.47	1/2	269.29	1/2	14.47	1/2		1/2		1/2	
3/4	1,808.96	3/4	1,498.16	3/4	1,187.36	3/4	876.71	3/4	566.00	3/4	263.38	3/4		3/4		3/4		3/4	
11	1,802.48	11	1,491.68	11	1,180.88	11	870.24	11	559.52	11	257.47	11		11		11		11	
1/4	1,796.01	1/4	1,485.21	1/4	1,174.41	1/4	863.77	1/4	553.05	1/4	251.56	1/4		1/4		1/4		1/4	
1/2	1,789.53	1/2	1,478.73	1/2	1,167.93	1/2	857.30	1/2	546.57	1/2	245.64	1/2		1/2		1/2		1/2	
3/4	1,783.06	3/4	1,472.26	3/4	1,161.46	3/4	850.83	3/4	540.10	3/4	239.80	3/4		3/4		3/4		3/4	

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

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

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INTERTEK CALEB BRETT

DATE STRAPPED: 8/9/08 BY: JF
 DATE COMPUTED: 8/14/08 BY: WHF
 DATE RE-ISSUED: 8/26/08 FOR MMC GAUGE NOTES



IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	4,541.41	0	4,269.46	0	3,958.66	0	3,647.86	0	3,337.06	0	3,026.26	0	2,715.46	0	2,404.66
1/4		1/4		1/4	4,539.25	1/4	4,262.98	1/4	3,952.18	1/4	3,641.38	1/4	3,330.58	1/4	3,019.78	1/4	2,708.98	1/4	2,398.18
1/2		1/2		1/2	4,537.09	1/2	4,256.51	1/2	3,945.71	1/2	3,634.91	1/2	3,324.11	1/2	3,013.31	1/2	2,702.51	1/2	2,391.71
3/4		3/4		3/4	4,534.93	3/4	4,250.03	3/4	3,939.23	3/4	3,628.43	3/4	3,317.63	3/4	3,006.83	3/4	2,696.03	3/4	2,385.23
1		1		1	4,531.69	1	4,243.56	1	3,932.76	1	3,621.96	1	3,311.16	1	3,000.36	1	2,689.56	1	2,378.76
1/4		1/4		1/4	4,528.46	1/4	4,237.08	1/4	3,926.28	1/4	3,615.48	1/4	3,304.68	1/4	2,993.88	1/4	2,683.08	1/4	2,372.28
1/2		1/2		1/2	4,525.22	1/2	4,230.61	1/2	3,919.81	1/2	3,609.01	1/2	3,298.21	1/2	2,987.41	1/2	2,676.61	1/2	2,365.81
3/4		3/4		3/4	4,521.98	3/4	4,224.13	3/4	3,913.33	3/4	3,602.53	3/4	3,291.73	3/4	2,980.93	3/4	2,670.13	3/4	2,359.33
2		2		2	4,517.66	2	4,217.66	2	3,906.86	2	3,596.06	2	3,285.26	2	2,974.46	2	2,663.66	2	2,352.86
1/4		1/4		1/4	4,513.35	1/4	4,211.18	1/4	3,900.38	1/4	3,589.58	1/4	3,278.78	1/4	2,967.98	1/4	2,657.18	1/4	2,346.38
1/2		1/2		1/2	4,509.03	1/2	4,204.71	1/2	3,893.91	1/2	3,583.11	1/2	3,272.31	1/2	2,961.51	1/2	2,650.71	1/2	2,339.91
3/4		3/4		3/4	4,504.71	3/4	4,198.23	3/4	3,887.43	3/4	3,576.63	3/4	3,265.83	3/4	2,955.03	3/4	2,644.23	3/4	2,333.43
3		3		3	4,499.32	3	4,191.76	3	3,880.96	3	3,570.16	3	3,259.36	3	2,948.56	3	2,637.76	3	2,326.96
1/4		1/4		1/4	4,493.92	1/4	4,185.28	1/4	3,874.48	1/4	3,563.68	1/4	3,252.88	1/4	2,942.08	1/4	2,631.28	1/4	2,320.48
1/2		1/2		1/2	4,488.53	1/2	4,178.81	1/2	3,868.01	1/2	3,557.21	1/2	3,246.41	1/2	2,935.61	1/2	2,624.81	1/2	2,314.01
3/4		3/4		3/4	4,483.13	3/4	4,172.33	3/4	3,861.53	3/4	3,550.73	3/4	3,239.93	3/4	2,929.13	3/4	2,618.33	3/4	2,307.53
4		4		4	4,476.66	4	4,165.86	4	3,855.06	4	3,544.26	4	3,233.46	4	2,922.66	4	2,611.86	4	2,301.06
1/4		1/4		1/4	4,470.18	1/4	4,159.38	1/4	3,848.58	1/4	3,537.78	1/4	3,226.98	1/4	2,916.18	1/4	2,605.38	1/4	2,294.58
1/2		1/2		1/2	4,463.71	1/2	4,152.91	1/2	3,842.11	1/2	3,531.31	1/2	3,220.51	1/2	2,909.71	1/2	2,598.91	1/2	2,288.11
3/4		3/4		3/4	4,457.23	3/4	4,146.43	3/4	3,835.63	3/4	3,524.83	3/4	3,214.03	3/4	2,903.23	3/4	2,592.43	3/4	2,281.63
5		5		5	4,450.76	5	4,139.96	5	3,829.16	5	3,518.36	5	3,207.56	5	2,896.76	5	2,585.96	5	2,275.16
1/4		1/4		1/4	4,444.28	1/4	4,133.48	1/4	3,822.68	1/4	3,511.88	1/4	3,201.08	1/4	2,890.28	1/4	2,579.48	1/4	2,268.68
1/2		1/2		1/2	4,437.81	1/2	4,127.01	1/2	3,816.21	1/2	3,505.41	1/2	3,194.61	1/2	2,883.81	1/2	2,573.01	1/2	2,262.21
3/4		3/4		3/4	4,431.33	3/4	4,120.53	3/4	3,809.73	3/4	3,498.93	3/4	3,188.13	3/4	2,877.33	3/4	2,566.53	3/4	2,255.73
6		6		6	4,424.86	6	4,114.06	6	3,803.26	6	3,492.46	6	3,181.66	6	2,870.86	6	2,560.06	6	2,249.26
1/4		1/4		1/4	4,418.38	1/4	4,107.58	1/4	3,796.78	1/4	3,485.98	1/4	3,175.18	1/4	2,864.38	1/4	2,553.58	1/4	2,242.78
1/2		1/2		1/2	4,411.91	1/2	4,101.11	1/2	3,790.31	1/2	3,479.51	1/2	3,168.71	1/2	2,857.91	1/2	2,547.11	1/2	2,236.31
3/4		3/4		3/4	4,405.43	3/4	4,094.63	3/4	3,783.83	3/4	3,473.03	3/4	3,162.23	3/4	2,851.43	3/4	2,540.63	3/4	2,229.83
7		7		7	4,398.96	7	4,088.16	7	3,777.36	7	3,466.56	7	3,155.76	7	2,844.96	7	2,534.16	7	2,223.36
1/4		1/4		1/4	4,392.48	1/4	4,081.68	1/4	3,770.88	1/4	3,460.08	1/4	3,149.28	1/4	2,838.48	1/4	2,527.68	1/4	2,216.88
1/2		1/2		1/2	4,386.01	1/2	4,075.21	1/2	3,764.41	1/2	3,453.61	1/2	3,142.81	1/2	2,832.01	1/2	2,521.21	1/2	2,210.41
3/4		3/4		3/4	4,379.53	3/4	4,068.73	3/4	3,757.93	3/4	3,447.13	3/4	3,136.33	3/4	2,825.53	3/4	2,514.73	3/4	2,203.93
8		8		8	4,373.06	8	4,062.26	8	3,751.46	8	3,440.66	8	3,129.86	8	2,819.06	8	2,508.26	8	2,197.46
1/4		1/4		1/4	4,366.58	1/4	4,055.78	1/4	3,744.98	1/4	3,434.18	1/4	3,123.38	1/4	2,812.58	1/4	2,501.78	1/4	2,190.98
1/2		1/2		1/2	4,360.11	1/2	4,049.31	1/2	3,738.51	1/2	3,427.71	1/2	3,116.91	1/2	2,806.11	1/2	2,495.31	1/2	2,184.51
3/4		3/4		3/4	4,353.63	3/4	4,042.83	3/4	3,732.03	3/4	3,421.23	3/4	3,110.43	3/4	2,799.63	3/4	2,488.83	3/4	2,178.03
9		9		9	4,347.16	9	4,036.36	9	3,725.56	9	3,414.76	9	3,103.96	9	2,793.16	9	2,482.36	9	2,171.56
1/4		1/4		1/4	4,340.68	1/4	4,029.88	1/4	3,719.08	1/4	3,408.28	1/4	3,097.48	1/4	2,786.68	1/4	2,475.88	1/4	2,165.08
1/2		1/2		1/2	4,334.21	1/2	4,023.41	1/2	3,712.61	1/2	3,401.81	1/2	3,091.01	1/2	2,780.21	1/2	2,469.41	1/2	2,158.61
3/4		3/4		3/4	4,327.73	3/4	4,016.93	3/4	3,706.13	3/4	3,395.33	3/4	3,084.53	3/4	2,773.73	3/4	2,462.93	3/4	2,152.13
10		10		10	4,321.26	10	4,010.46	10	3,699.66	10	3,388.86	10	3,078.06	10	2,767.26	10	2,456.46	10	2,145.66
1/4		1/4		1/4	4,314.78	1/4	4,003.98	1/4	3,693.18	1/4	3,382.38	1/4	3,071.58	1/4	2,760.78	1/4	2,449.98	1/4	2,139.18
1/2		1/2		1/2	4,308.31	1/2	3,997.51	1/2	3,686.71	1/2	3,375.91	1/2	3,065.11	1/2	2,754.31	1/2	2,443.51	1/2	2,132.71
3/4		3/4	4,547.88	3/4	4,301.83	3/4	3,991.03	3/4	3,680.23	3/4	3,369.43	3/4	3,058.63	3/4	2,747.83	3/4	2,437.03	3/4	2,126.23
11		11	4,546.80	11	4,295.36	11	3,984.56	11	3,673.76	11	3,362.96	11	3,052.16	11	2,741.36	11	2,430.56	11	2,119.76
1/4		1/4	4,545.72	1/4	4,288.88	1/4	3,978.08	1/4	3,667.28	1/4	3,356.48	1/4	3,045.68	1/4	2,734.88	1/4	2,424.08	1/4	2,113.28
1/2		1/2	4,544.64	1/2	4,282.41	1/2	3,971.61	1/2	3,660.81	1/2	3,350.01	1/2	3,039.21	1/2	2,728.41	1/2	2,417.61	1/2	2,106.81
3/4		3/4	4,543.56	3/4	4,275.93	3/4	3,965.13	3/4	3,654.33	3/4	3,343.53	3/4	3,032.73	3/4	2,721.93	3/4	2,411.13	3/4	2,100.33

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

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INTERTEK CALEB BRETT



DATE STRAPPED: 8/9/08 BY: JF
 DATE COMPUTED: 8/14/08 BY: WHF
 DATE RE-ISSUED: 8/26/08 FOR MMC GAUGE NOTES

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR GAUGING WITH MMC GAUGE TAPE ONLY

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	2,093.86	0	1,783.06	0	1,472.26	0	1,161.46	0	850.83	0	540.10	0	239.80	0		0		0	
1/4	2,087.38	1/4	1,776.58	1/4	1,465.78	1/4	1,154.98	1/4	844.36	1/4	533.62	1/4	233.96	1/4		1/4		1/4	
1/2	2,080.91	1/2	1,770.11	1/2	1,459.31	1/2	1,148.51	1/2	837.89	1/2	527.15	1/2	228.12	1/2		1/2		1/2	
3/4	2,074.43	3/4	1,763.63	3/4	1,452.83	3/4	1,142.03	3/4	831.42	3/4	520.67	3/4	222.28	3/4		3/4		3/4	
1	2,067.96	1	1,757.16	1	1,446.36	1	1,135.56	1	824.95	1	514.20	1	216.51	1		1		1	
1/4	2,061.48	1/4	1,750.68	1/4	1,439.88	1/4	1,129.08	1/4	818.48	1/4	507.72	1/4	210.74	1/4		1/4		1/4	
1/2	2,055.01	1/2	1,744.21	1/2	1,433.41	1/2	1,122.61	1/2	812.00	1/2	501.25	1/2	204.98	1/2		1/2		1/2	
3/4	2,048.53	3/4	1,737.73	3/4	1,426.93	3/4	1,116.13	3/4	805.53	3/4	494.77	3/4	199.21	3/4		3/4		3/4	
2	2,042.06	2	1,731.26	2	1,420.46	2	1,109.66	2	799.06	2	488.30	2	193.51	2		2		2	
1/4	2,035.58	1/4	1,724.78	1/4	1,413.98	1/4	1,103.18	1/4	792.58	1/4	481.82	1/4	187.82	1/4		1/4		1/4	
1/2	2,029.11	1/2	1,718.31	1/2	1,407.51	1/2	1,096.71	1/2	786.11	1/2	475.35	1/2	182.12	1/2		1/2		1/2	
3/4	2,022.63	3/4	1,711.83	3/4	1,401.03	3/4	1,090.23	3/4	779.64	3/4	468.87	3/4	176.43	3/4		3/4		3/4	
3	2,016.16	3	1,705.36	3	1,394.56	3	1,083.76	3	773.16	3	462.40	3	170.80	3		3		3	
1/4	2,009.68	1/4	1,698.88	1/4	1,388.08	1/4	1,077.29	1/4	766.69	1/4	455.93	1/4	165.18	1/4		1/4		1/4	
1/2	2,003.21	1/2	1,692.41	1/2	1,381.61	1/2	1,070.81	1/2	760.22	1/2	449.45	1/2	159.56	1/2		1/2		1/2	
3/4	1,996.73	3/4	1,685.93	3/4	1,375.13	3/4	1,064.34	3/4	753.74	3/4	442.98	3/4	153.93	3/4		3/4		3/4	
4	1,990.26	4	1,679.46	4	1,368.66	4	1,057.87	4	747.27	4	436.56	4	148.38	4		4		4	
1/4	1,983.78	1/4	1,672.98	1/4	1,362.18	1/4	1,051.40	1/4	740.80	1/4	430.14	1/4	142.83	1/4		1/4		1/4	
1/2	1,977.31	1/2	1,666.51	1/2	1,355.71	1/2	1,044.92	1/2	734.32	1/2	423.72	1/2	137.28	1/2		1/2		1/2	
3/4	1,970.83	3/4	1,660.03	3/4	1,349.23	3/4	1,038.45	3/4	727.85	3/4	417.29	3/4	131.73	3/4		3/4		3/4	
5	1,964.36	5	1,653.56	5	1,342.76	5	1,031.98	5	721.38	5	410.95	5	126.25	5		5		5	
1/4	1,957.88	1/4	1,647.08	1/4	1,336.28	1/4	1,025.51	1/4	714.90	1/4	404.60	1/4	120.77	1/4		1/4		1/4	
1/2	1,951.41	1/2	1,640.61	1/2	1,329.81	1/2	1,019.04	1/2	708.43	1/2	398.25	1/2	115.30	1/2		1/2		1/2	
3/4	1,944.93	3/4	1,634.13	3/4	1,323.33	3/4	1,012.57	3/4	701.96	3/4	391.90	3/4	109.82	3/4		3/4		3/4	
6	1,938.46	6	1,627.66	6	1,316.86	6	1,006.10	6	695.48	6	385.63	6	104.41	6		6		6	
1/4	1,931.98	1/4	1,621.18	1/4	1,310.38	1/4	999.63	1/4	689.01	1/4	379.35	1/4	99.01	1/4		1/4		1/4	
1/2	1,925.51	1/2	1,614.71	1/2	1,303.91	1/2	993.16	1/2	682.54	1/2	373.08	1/2	93.60	1/2		1/2		1/2	
3/4	1,919.03	3/4	1,608.23	3/4	1,297.43	3/4	986.69	3/4	676.07	3/4	366.80	3/4	88.20	3/4		3/4		3/4	
7	1,912.56	7	1,601.76	7	1,290.96	7	980.23	7	669.59	7	360.60	7	82.86	7		7		7	
1/4	1,906.08	1/4	1,595.28	1/4	1,284.48	1/4	973.76	1/4	663.12	1/4	354.40	1/4	77.53	1/4		1/4		1/4	
1/2	1,899.61	1/2	1,588.81	1/2	1,278.01	1/2	967.29	1/2	656.64	1/2	348.19	1/2	72.20	1/2		1/2		1/2	
3/4	1,893.13	3/4	1,582.33	3/4	1,271.53	3/4	960.82	3/4	650.17	3/4	341.99	3/4	66.86	3/4		3/4		3/4	
8	1,886.66	8	1,575.86	8	1,265.06	8	954.35	8	643.69	8	335.86	8	61.60	8		8		8	
1/4	1,880.18	1/4	1,569.38	1/4	1,258.58	1/4	947.88	1/4	637.22	1/4	329.73	1/4	56.34	1/4		1/4		1/4	
1/2	1,873.71	1/2	1,562.91	1/2	1,252.11	1/2	941.41	1/2	630.74	1/2	323.60	1/2	51.08	1/2		1/2		1/2	
3/4	1,867.23	3/4	1,556.43	3/4	1,245.63	3/4	934.94	3/4	624.27	3/4	317.47	3/4	45.82	3/4		3/4		3/4	
9	1,860.76	9	1,549.96	9	1,239.16	9	928.47	9	617.79	9	311.41	9	41.25	9		9		9	
1/4	1,854.28	1/4	1,543.48	1/4	1,232.68	1/4	922.00	1/4	611.32	1/4	305.35	1/4	36.68	1/4		1/4		1/4	
1/2	1,847.81	1/2	1,537.01	1/2	1,226.21	1/2	915.53	1/2	604.84	1/2	299.29	1/2	32.11	1/2		1/2		1/2	
3/4	1,841.33	3/4	1,530.53	3/4	1,219.73	3/4	909.06	3/4	598.37	3/4	293.24	3/4	27.53	3/4		3/4		3/4	
10	1,834.86	10	1,524.06	10	1,213.26	10	902.59	10	591.89	10	287.25	10	24.27	10		10		10	
1/4	1,828.38	1/4	1,517.58	1/4	1,206.78	1/4	896.12	1/4	585.42	1/4	281.27	1/4	21.00	1/4		1/4		1/4	
1/2	1,821.91	1/2	1,511.11	1/2	1,200.31	1/2	889.65	1/2	578.94	1/2	275.28	1/2	17.74	1/2		1/2		1/2	
3/4	1,815.43	3/4	1,504.63	3/4	1,193.83	3/4	883.18	3/4	572.47	3/4	269.29	3/4	14.47	3/4		3/4		3/4	
11	1,808.96	11	1,498.16	11	1,187.36	11	876.71	11	566.00	11	263.38	11		11		11		11	
1/4	1,802.48	1/4	1,491.68	1/4	1,180.88	1/4	870.24	1/4	559.52	1/4	257.47	1/4		1/4		1/4		1/4	
1/2	1,796.01	1/2	1,485.21	1/2	1,174.41	1/2	863.77	1/2	553.05	1/2	251.56	1/2		1/2		1/2		1/2	
3/4	1,789.53	3/4	1,478.73	3/4	1,167.93	3/4	857.30	3/4	546.57	3/4	245.64	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 ULLAGE GAUGES OBTAINED WITH "MMC" GAUGE DEVICE.

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: 8/9/08 BY: JF
 DATE COMPUTED: 8/14/08 BY: WHF
 DATE RE-ISSUED: 8/26/08 FOR MMC GAUGE NOTES



CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR GAUGING WITH MMC GAUGE TAPE ONLY

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	5,290.44	0	4,977.25	0	4,618.64	0	4,260.02	0	3,901.40	0	3,542.78	0	3,184.17	0	2,825.55
1/4		1/4		1/4	5,288.26	1/4	4,969.78	1/4	4,611.16	1/4	4,252.55	1/4	3,893.93	1/4	3,535.31	1/4	3,176.69	1/4	2,818.08
1/2		1/2		1/2	5,286.07	1/2	4,962.31	1/2	4,603.69	1/2	4,245.08	1/2	3,886.46	1/2	3,527.84	1/2	3,169.22	1/2	2,810.61
3/4		3/4		3/4	5,282.65	3/4	4,954.84	3/4	4,596.22	3/4	4,237.60	3/4	3,878.99	3/4	3,520.37	3/4	3,161.75	3/4	2,803.13
1		1		1	5,279.22	1	4,947.37	1	4,588.75	1	4,230.13	1	3,871.52	1	3,512.90	1	3,154.28	1	2,795.66
1/4		1/4		1/4	5,275.80	1/4	4,939.90	1/4	4,581.28	1/4	4,222.66	1/4	3,864.04	1/4	3,505.43	1/4	3,146.81	1/4	2,788.19
1/2		1/2		1/2	5,272.37	1/2	4,932.43	1/2	4,573.81	1/2	4,215.19	1/2	3,856.57	1/2	3,497.96	1/2	3,139.34	1/2	2,780.72
3/4		3/4		3/4	5,267.70	3/4	4,924.96	3/4	4,566.34	3/4	4,207.72	3/4	3,849.10	3/4	3,490.48	3/4	3,131.87	3/4	2,773.25
2		2		2	5,263.03	2	4,917.48	2	4,558.87	2	4,200.25	2	3,841.63	2	3,483.01	2	3,124.40	2	2,765.78
1/4		1/4		1/4	5,258.36	1/4	4,910.01	1/4	4,551.40	1/4	4,192.78	1/4	3,834.16	1/4	3,475.54	1/4	3,116.92	1/4	2,758.31
1/2		1/2		1/2	5,253.69	1/2	4,902.54	1/2	4,543.92	1/2	4,185.31	1/2	3,826.69	1/2	3,468.07	1/2	3,109.45	1/2	2,750.84
3/4		3/4		3/4	5,247.78	3/4	4,895.07	3/4	4,536.45	3/4	4,177.84	3/4	3,819.22	3/4	3,460.60	3/4	3,101.98	3/4	2,743.36
3		3		3	5,241.86	3	4,887.60	3	4,528.98	3	4,170.36	3	3,811.75	3	3,453.13	3	3,094.51	3	2,735.89
1/4		1/4		1/4	5,235.94	1/4	4,880.13	1/4	4,521.51	1/4	4,162.89	1/4	3,804.28	1/4	3,445.66	1/4	3,087.04	1/4	2,728.42
1/2		1/2		1/2	5,230.03	1/2	4,872.66	1/2	4,514.04	1/2	4,155.42	1/2	3,796.80	1/2	3,438.19	1/2	3,079.57	1/2	2,720.95
3/4		3/4		3/4	5,222.87	3/4	4,865.19	3/4	4,506.57	3/4	4,147.95	3/4	3,789.33	3/4	3,430.72	3/4	3,072.10	3/4	2,713.48
4		4		4	5,215.71	4	4,857.71	4	4,499.10	4	4,140.48	4	3,781.86	4	3,423.24	4	3,064.63	4	2,706.01
1/4		1/4		1/4	5,208.55	1/4	4,850.24	1/4	4,491.63	1/4	4,133.01	1/4	3,774.39	1/4	3,415.77	1/4	3,057.16	1/4	2,698.54
1/2		1/2		1/2	5,201.39	1/2	4,842.77	1/2	4,484.15	1/2	4,125.54	1/2	3,766.92	1/2	3,408.30	1/2	3,049.68	1/2	2,691.07
3/4		3/4		3/4	5,193.92	3/4	4,835.30	3/4	4,476.68	3/4	4,118.07	3/4	3,759.45	3/4	3,400.83	3/4	3,042.21	3/4	2,683.60
5		5		5	5,186.45	5	4,827.83	5	4,469.21	5	4,110.59	5	3,751.98	5	3,393.36	5	3,034.74	5	2,676.12
1/4		1/4		1/4	5,178.98	1/4	4,820.36	1/4	4,461.74	1/4	4,103.12	1/4	3,744.51	1/4	3,385.89	1/4	3,027.27	1/4	2,668.65
1/2		1/2		1/2	5,171.50	1/2	4,812.89	1/2	4,454.27	1/2	4,095.65	1/2	3,737.03	1/2	3,378.42	1/2	3,019.80	1/2	2,661.18
3/4		3/4		3/4	5,164.03	3/4	4,805.42	3/4	4,446.80	3/4	4,088.18	3/4	3,729.56	3/4	3,370.95	3/4	3,012.33	3/4	2,653.71
6		6		6	5,156.56	6	4,797.94	6	4,439.33	6	4,080.71	6	3,722.09	6	3,363.47	6	3,004.86	6	2,646.24
1/4		1/4		1/4	5,149.09	1/4	4,790.47	1/4	4,431.86	1/4	4,073.24	1/4	3,714.62	1/4	3,356.00	1/4	2,997.39	1/4	2,638.77
1/2		1/2		1/2	5,141.62	1/2	4,783.00	1/2	4,424.38	1/2	4,065.77	1/2	3,707.15	1/2	3,348.53	1/2	2,989.91	1/2	2,631.30
3/4		3/4		3/4	5,134.15	3/4	4,775.53	3/4	4,416.91	3/4	4,058.30	3/4	3,699.68	3/4	3,341.06	3/4	2,982.44	3/4	2,623.83
7		7		7	5,126.68	7	4,768.06	7	4,409.44	7	4,050.82	7	3,692.21	7	3,333.59	7	2,974.97	7	2,616.35
1/4		1/4		1/4	5,119.21	1/4	4,760.59	1/4	4,401.97	1/4	4,043.35	1/4	3,684.74	1/4	3,326.12	1/4	2,967.50	1/4	2,608.88
1/2		1/2		1/2	5,111.74	1/2	4,753.12	1/2	4,394.50	1/2	4,035.88	1/2	3,677.26	1/2	3,318.65	1/2	2,960.03	1/2	2,601.41
3/4		3/4		3/4	5,104.26	3/4	4,745.65	3/4	4,387.03	3/4	4,028.41	3/4	3,669.79	3/4	3,311.18	3/4	2,952.56	3/4	2,593.94
8		8		8	5,096.79	8	4,738.18	8	4,379.56	8	4,020.94	8	3,662.32	8	3,303.70	8	2,945.09	8	2,586.47
1/4		1/4		1/4	5,089.32	1/4	4,730.70	1/4	4,372.09	1/4	4,013.47	1/4	3,654.85	1/4	3,296.23	1/4	2,937.62	1/4	2,579.00
1/2		1/2		1/2	5,081.85	1/2	4,723.23	1/2	4,364.62	1/2	4,006.00	1/2	3,647.38	1/2	3,288.76	1/2	2,930.14	1/2	2,571.53
3/4		3/4		3/4	5,074.38	3/4	4,715.76	3/4	4,357.14	3/4	3,998.53	3/4	3,639.91	3/4	3,281.29	3/4	2,922.67	3/4	2,564.06
9		9		9	5,066.91	9	4,708.29	9	4,349.67	9	3,991.06	9	3,632.44	9	3,273.82	9	2,915.20	9	2,556.58
1/4		1/4		1/4	5,059.44	1/4	4,700.82	1/4	4,342.20	1/4	3,983.58	1/4	3,624.97	1/4	3,266.35	1/4	2,907.73	1/4	2,549.11
1/2		1/2		1/2	5,051.97	1/2	4,693.35	1/2	4,334.73	1/2	3,976.11	1/2	3,617.50	1/2	3,258.88	1/2	2,900.26	1/2	2,541.64
3/4		3/4		3/4	5,044.49	3/4	4,685.88	3/4	4,327.26	3/4	3,968.64	3/4	3,610.02	3/4	3,251.41	3/4	2,892.79	3/4	2,534.17
10		10		10	5,037.02	10	4,678.41	10	4,319.79	10	3,961.17	10	3,602.55	10	3,243.94	10	2,885.32	10	2,526.70
1/4		1/4	5,298.70	1/4	5,029.55	1/4	4,670.93	1/4	4,312.32	1/4	3,953.70	1/4	3,595.08	1/4	3,236.46	1/4	2,877.85	1/4	2,519.23
1/2		1/2	5,298.54	1/2	5,022.08	1/2	4,663.46	1/2	4,304.85	1/2	3,946.23	1/2	3,587.61	1/2	3,228.99	1/2	2,870.38	1/2	2,511.76
3/4		3/4	5,297.61	3/4	5,014.61	3/4	4,655.99	3/4	4,297.37	3/4	3,938.76	3/4	3,580.14	3/4	3,221.52	3/4	2,862.90	3/4	2,504.29
11		11	5,296.67	11	5,007.14	11	4,648.52	11	4,289.90	11	3,931.29	11	3,572.67	11	3,214.05	11	2,855.43	11	2,496.82
1/4		1/4	5,295.73	1/4	4,999.67	1/4	4,641.05	1/4	4,282.43	1/4	3,923.81	1/4	3,565.20	1/4	3,206.58	1/4	2,847.96	1/4	2,489.34
1/2		1/2	5,294.80	1/2	4,992.20	1/2	4,633.58	1/2	4,274.96	1/2	3,916.34	1/2	3,557.73	1/2	3,199.11	1/2	2,840.49	1/2	2,481.87
3/4		3/4	5,292.62	3/4	4,984.72	3/4	4,626.11	3/4	4,267.49	3/4	3,908.87	3/4	3,550.25	3/4	3,191.64	3/4	2,833.02	3/4	2,474.40

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INTERTEK CALEB BRETT

DATE STRAPPED: 8/9/08 BY: JF
 DATE COMPUTED: 8/14/08 BY: WHF
 DATE RE-ISSUED: 8/26/08 FOR MMC GAUGE NOTES



CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR GAUGING WITH MMC GAUGE TAPE ONLY

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	2,466.93	0	2,108.31	0	1,749.70	0	1,391.08	0	1,034.74	0	676.29	0	317.70	0		0		0	
1/4	2,459.46	1/4	2,100.84	1/4	1,742.22	1/4	1,383.61	1/4	1,027.33	1/4	668.82	1/4	310.23	1/4		1/4		1/4	
1/2	2,451.99	1/2	2,093.37	1/2	1,734.75	1/2	1,376.14	1/2	1,019.93	1/2	661.35	1/2	302.76	1/2		1/2		1/2	
3/4	2,444.52	3/4	2,085.90	3/4	1,727.28	3/4	1,368.66	3/4	1,012.46	3/4	653.88	3/4	295.29	3/4		3/4		3/4	
1	2,437.05	1	2,078.43	1	1,719.81	1	1,361.19	1	1,004.99	1	646.41	1	287.83	1		1		1	
1/4	2,429.57	1/4	2,070.96	1/4	1,712.34	1/4	1,353.72	1/4	997.52	1/4	638.93	1/4	280.36	1/4		1/4		1/4	
1/2	2,422.10	1/2	2,063.49	1/2	1,704.87	1/2	1,346.25	1/2	990.05	1/2	631.46	1/2	272.89	1/2		1/2		1/2	
3/4	2,414.63	3/4	2,056.01	3/4	1,697.40	3/4	1,338.78	3/4	982.58	3/4	623.99	3/4	265.43	3/4		3/4		3/4	
2	2,407.16	2	2,048.54	2	1,689.93	2	1,331.31	2	975.11	2	616.52	2	257.96	2		2		2	
1/4	2,399.69	1/4	2,041.07	1/4	1,682.45	1/4	1,323.84	1/4	967.64	1/4	609.05	1/4	250.49	1/4		1/4		1/4	
1/2	2,392.22	1/2	2,033.60	1/2	1,674.98	1/2	1,316.37	1/2	960.17	1/2	601.58	1/2	243.02	1/2		1/2		1/2	
3/4	2,384.75	3/4	2,026.13	3/4	1,667.51	3/4	1,308.93	3/4	952.70	3/4	594.11	3/4	235.56	3/4		3/4		3/4	
3	2,377.28	3	2,018.66	3	1,660.04	3	1,301.49	3	945.23	3	586.64	3	228.09	3		3		3	
1/4	2,369.80	1/4	2,011.19	1/4	1,652.57	1/4	1,294.05	1/4	937.76	1/4	579.16	1/4	220.62	1/4		1/4		1/4	
1/2	2,362.33	1/2	2,003.72	1/2	1,645.10	1/2	1,286.61	1/2	930.29	1/2	571.69	1/2	213.15	1/2		1/2		1/2	
3/4	2,354.86	3/4	1,996.24	3/4	1,637.63	3/4	1,279.18	3/4	922.82	3/4	564.22	3/4	205.69	3/4		3/4		3/4	
4	2,347.39	4	1,988.77	4	1,630.16	4	1,271.74	4	915.35	4	556.75	4	198.22	4		4		4	
1/4	2,339.92	1/4	1,981.30	1/4	1,622.68	1/4	1,264.30	1/4	907.88	1/4	549.28	1/4	190.75	1/4		1/4		1/4	
1/2	2,332.45	1/2	1,973.83	1/2	1,615.21	1/2	1,256.86	1/2	900.41	1/2	541.81	1/2	183.28	1/2		1/2		1/2	
3/4	2,324.98	3/4	1,966.36	3/4	1,607.74	3/4	1,249.46	3/4	892.94	3/4	534.34	3/4	175.82	3/4		3/4		3/4	
5	2,317.51	5	1,958.89	5	1,600.27	5	1,242.06	5	885.47	5	526.87	5	168.35	5		5		5	
1/4	2,310.04	1/4	1,951.42	1/4	1,592.80	1/4	1,234.65	1/4	878.01	1/4	519.40	1/4	160.88	1/4		1/4		1/4	
1/2	2,302.56	1/2	1,943.95	1/2	1,585.33	1/2	1,227.25	1/2	870.54	1/2	511.92	1/2	153.42	1/2		1/2		1/2	
3/4	2,295.09	3/4	1,936.48	3/4	1,577.86	3/4	1,219.84	3/4	863.07	3/4	504.45	3/4	145.95	3/4		3/4		3/4	
6	2,287.62	6	1,929.00	6	1,570.39	6	1,212.44	6	855.60	6	496.98	6	138.48	6		6		6	
1/4	2,280.15	1/4	1,921.53	1/4	1,562.92	1/4	1,205.03	1/4	848.13	1/4	489.51	1/4	131.01	1/4		1/4		1/4	
1/2	2,272.68	1/2	1,914.06	1/2	1,555.44	1/2	1,197.63	1/2	840.66	1/2	482.04	1/2	123.55	1/2		1/2		1/2	
3/4	2,265.21	3/4	1,906.59	3/4	1,547.97	3/4	1,190.23	3/4	833.19	3/4	474.57	3/4	116.08	3/4		3/4		3/4	
7	2,257.74	7	1,899.12	7	1,540.50	7	1,182.82	7	825.71	7	467.10	7	108.61	7		7		7	
1/4	2,250.27	1/4	1,891.65	1/4	1,533.03	1/4	1,175.42	1/4	818.24	1/4	459.63	1/4	101.14	1/4		1/4		1/4	
1/2	2,242.79	1/2	1,884.18	1/2	1,525.56	1/2	1,168.01	1/2	810.77	1/2	452.15	1/2	93.68	1/2		1/2		1/2	
3/4	2,235.32	3/4	1,876.71	3/4	1,518.09	3/4	1,160.61	3/4	803.30	3/4	444.68	3/4	86.21	3/4		3/4		3/4	
8	2,227.85	8	1,869.23	8	1,510.62	8	1,153.21	8	795.83	8	437.21	8	78.74	8		8		8	
1/4	2,220.38	1/4	1,861.76	1/4	1,503.15	1/4	1,145.80	1/4	788.36	1/4	429.74	1/4	71.28	1/4		1/4		1/4	
1/2	2,212.91	1/2	1,854.29	1/2	1,495.67	1/2	1,138.40	1/2	780.89	1/2	422.27	1/2	63.81	1/2		1/2		1/2	
3/4	2,205.44	3/4	1,846.82	3/4	1,488.20	3/4	1,130.99	3/4	773.42	3/4	414.80	3/4	57.27	3/4		3/4		3/4	
9	2,197.97	9	1,839.35	9	1,480.73	9	1,123.59	9	765.94	9	407.33	9	50.73	9		9		9	
1/4	2,190.50	1/4	1,831.88	1/4	1,473.26	1/4	1,116.18	1/4	758.47	1/4	399.86	1/4	44.20	1/4		1/4		1/4	
1/2	2,183.02	1/2	1,824.41	1/2	1,465.79	1/2	1,108.78	1/2	751.00	1/2	392.38	1/2	37.66	1/2		1/2		1/2	
3/4	2,175.55	3/4	1,816.94	3/4	1,458.32	3/4	1,101.38	3/4	743.53	3/4	384.91	3/4	32.99	3/4		3/4		3/4	
10	2,168.08	10	1,809.46	10	1,450.85	10	1,093.97	10	736.06	10	377.44	10	28.32	10		10		10	
1/4	2,160.61	1/4	1,801.99	1/4	1,443.38	1/4	1,086.57	1/4	728.59	1/4	369.97	1/4	23.65	1/4		1/4		1/4	
1/2	2,153.14	1/2	1,794.52	1/2	1,435.90	1/2	1,079.16	1/2	721.12	1/2	362.50	1/2	18.98	1/2		1/2		1/2	
3/4	2,145.67	3/4	1,787.05	3/4	1,428.43	3/4	1,071.76	3/4	713.65	3/4	355.03	3/4		3/4		3/4		3/4	
11	2,138.20	11	1,779.58	11	1,420.96	11	1,064.35	11	706.18	11	347.57	11		11		11		11	
1/4	2,130.73	1/4	1,772.11	1/4	1,413.49	1/4	1,056.95	1/4	698.70	1/4	340.10	1/4		1/4		1/4		1/4	
1/2	2,123.26	1/2	1,764.64	1/2	1,406.02	1/2	1,049.55	1/2	691.23	1/2	332.63	1/2		1/2		1/2		1/2	
3/4	2,115.78	3/4	1,757.17	3/4	1,398.55	3/4	1,042.14	3/4	683.76	3/4	325.16	3/4		3/4		3/4		3/4	

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

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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: 8/9/08 BY: JF
 DATE COMPUTED: 8/14/08 BY: WHF
 DATE RE-ISSUED: 8/26/08 FOR MMC GAUGE NOTES



IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	5,290.44	0	4,977.25	0	4,618.64	0	4,260.02	0	3,901.40	0	3,542.78	0	3,184.17	0	2,825.55
1/4		1/4		1/4	5,288.26	1/4	4,969.78	1/4	4,611.16	1/4	4,252.55	1/4	3,893.93	1/4	3,535.31	1/4	3,176.69	1/4	2,818.08
1/2		1/2		1/2	5,286.07	1/2	4,962.31	1/2	4,603.69	1/2	4,245.08	1/2	3,886.46	1/2	3,527.84	1/2	3,169.22	1/2	2,810.61
3/4		3/4		3/4	5,282.65	3/4	4,954.84	3/4	4,596.22	3/4	4,237.60	3/4	3,878.99	3/4	3,520.37	3/4	3,161.75	3/4	2,803.13
1		1		1	5,279.22	1	4,947.37	1	4,588.75	1	4,230.13	1	3,871.52	1	3,512.90	1	3,154.28	1	2,795.66
1/4		1/4		1/4	5,275.80	1/4	4,939.90	1/4	4,581.28	1/4	4,222.66	1/4	3,864.04	1/4	3,505.43	1/4	3,146.81	1/4	2,788.19
1/2		1/2		1/2	5,272.37	1/2	4,932.43	1/2	4,573.81	1/2	4,215.19	1/2	3,856.57	1/2	3,497.96	1/2	3,139.34	1/2	2,780.72
3/4		3/4		3/4	5,267.70	3/4	4,924.96	3/4	4,566.34	3/4	4,207.72	3/4	3,849.10	3/4	3,490.48	3/4	3,131.87	3/4	2,773.25
2		2		2	5,263.03	2	4,917.48	2	4,558.87	2	4,200.25	2	3,841.63	2	3,483.01	2	3,124.40	2	2,765.78
1/4		1/4		1/4	5,258.36	1/4	4,910.01	1/4	4,551.40	1/4	4,192.78	1/4	3,834.16	1/4	3,475.54	1/4	3,116.92	1/4	2,758.31
1/2		1/2		1/2	5,253.69	1/2	4,902.54	1/2	4,543.92	1/2	4,185.31	1/2	3,826.69	1/2	3,468.07	1/2	3,109.45	1/2	2,750.84
3/4		3/4		3/4	5,247.78	3/4	4,895.07	3/4	4,536.45	3/4	4,177.84	3/4	3,819.22	3/4	3,460.60	3/4	3,101.98	3/4	2,743.36
3		3		3	5,241.86	3	4,887.60	3	4,528.98	3	4,170.36	3	3,811.75	3	3,453.13	3	3,094.51	3	2,735.89
1/4		1/4		1/4	5,235.94	1/4	4,880.13	1/4	4,521.51	1/4	4,162.89	1/4	3,804.28	1/4	3,445.66	1/4	3,087.04	1/4	2,728.42
1/2		1/2		1/2	5,230.03	1/2	4,872.66	1/2	4,514.04	1/2	4,155.42	1/2	3,796.80	1/2	3,438.19	1/2	3,079.57	1/2	2,720.95
3/4		3/4		3/4	5,222.87	3/4	4,865.19	3/4	4,506.57	3/4	4,147.95	3/4	3,789.33	3/4	3,430.72	3/4	3,072.10	3/4	2,713.48
4		4		4	5,215.71	4	4,857.71	4	4,499.10	4	4,140.48	4	3,781.86	4	3,423.24	4	3,064.63	4	2,706.01
1/4		1/4		1/4	5,208.55	1/4	4,850.24	1/4	4,491.63	1/4	4,133.01	1/4	3,774.39	1/4	3,415.77	1/4	3,057.16	1/4	2,698.54
1/2		1/2		1/2	5,201.39	1/2	4,842.77	1/2	4,484.15	1/2	4,125.54	1/2	3,766.92	1/2	3,408.30	1/2	3,049.68	1/2	2,691.07
3/4		3/4		3/4	5,193.92	3/4	4,835.30	3/4	4,476.68	3/4	4,118.07	3/4	3,759.45	3/4	3,400.83	3/4	3,042.21	3/4	2,683.60
5		5		5	5,186.45	5	4,827.83	5	4,469.21	5	4,110.59	5	3,751.98	5	3,393.36	5	3,034.74	5	2,676.12
1/4		1/4		1/4	5,178.98	1/4	4,820.36	1/4	4,461.74	1/4	4,103.12	1/4	3,744.51	1/4	3,385.89	1/4	3,027.27	1/4	2,668.65
1/2		1/2		1/2	5,171.50	1/2	4,812.89	1/2	4,454.27	1/2	4,095.65	1/2	3,737.03	1/2	3,378.42	1/2	3,019.80	1/2	2,661.18
3/4		3/4		3/4	5,164.03	3/4	4,805.42	3/4	4,446.80	3/4	4,088.18	3/4	3,729.56	3/4	3,370.95	3/4	3,012.33	3/4	2,653.71
6		6		6	5,156.56	6	4,797.94	6	4,439.33	6	4,080.71	6	3,722.09	6	3,363.47	6	3,004.86	6	2,646.24
1/4		1/4		1/4	5,149.09	1/4	4,790.47	1/4	4,431.86	1/4	4,073.24	1/4	3,714.62	1/4	3,356.00	1/4	2,997.39	1/4	2,638.77
1/2		1/2		1/2	5,141.62	1/2	4,783.00	1/2	4,424.38	1/2	4,065.77	1/2	3,707.15	1/2	3,348.53	1/2	2,989.91	1/2	2,631.30
3/4		3/4		3/4	5,134.15	3/4	4,775.53	3/4	4,416.91	3/4	4,058.30	3/4	3,699.68	3/4	3,341.06	3/4	2,982.44	3/4	2,623.83
7		7		7	5,126.68	7	4,768.06	7	4,409.44	7	4,050.82	7	3,692.21	7	3,333.59	7	2,974.97	7	2,616.35
1/4		1/4		1/4	5,119.21	1/4	4,760.59	1/4	4,401.97	1/4	4,043.35	1/4	3,684.74	1/4	3,326.12	1/4	2,967.50	1/4	2,608.88
1/2		1/2		1/2	5,111.74	1/2	4,753.12	1/2	4,394.50	1/2	4,035.88	1/2	3,677.26	1/2	3,318.65	1/2	2,960.03	1/2	2,601.41
3/4		3/4		3/4	5,104.26	3/4	4,745.65	3/4	4,387.03	3/4	4,028.41	3/4	3,669.79	3/4	3,311.18	3/4	2,952.56	3/4	2,593.94
8		8		8	5,096.79	8	4,738.18	8	4,379.56	8	4,020.94	8	3,662.32	8	3,303.70	8	2,945.09	8	2,586.47
1/4		1/4		1/4	5,089.32	1/4	4,730.70	1/4	4,372.09	1/4	4,013.47	1/4	3,654.85	1/4	3,296.23	1/4	2,937.62	1/4	2,579.00
1/2		1/2		1/2	5,081.85	1/2	4,723.23	1/2	4,364.62	1/2	4,006.00	1/2	3,647.38	1/2	3,288.76	1/2	2,930.14	1/2	2,571.53
3/4		3/4		3/4	5,074.38	3/4	4,715.76	3/4	4,357.14	3/4	3,998.53	3/4	3,639.91	3/4	3,281.29	3/4	2,922.67	3/4	2,564.06
9		9		9	5,066.91	9	4,708.29	9	4,349.67	9	3,991.06	9	3,632.44	9	3,273.82	9	2,915.20	9	2,556.58
1/4		1/4		1/4	5,059.44	1/4	4,700.82	1/4	4,342.20	1/4	3,983.58	1/4	3,624.97	1/4	3,266.35	1/4	2,907.73	1/4	2,549.11
1/2		1/2		1/2	5,051.97	1/2	4,693.35	1/2	4,334.73	1/2	3,976.11	1/2	3,617.50	1/2	3,258.88	1/2	2,900.26	1/2	2,541.64
3/4		3/4		3/4	5,044.49	3/4	4,685.88	3/4	4,327.26	3/4	3,968.64	3/4	3,610.02	3/4	3,251.41	3/4	2,892.79	3/4	2,534.17
10		10		10	5,037.02	10	4,678.41	10	4,319.79	10	3,961.17	10	3,602.55	10	3,243.94	10	2,885.32	10	2,526.70
1/4		1/4	5,298.70	1/4	5,029.55	1/4	4,670.93	1/4	4,312.32	1/4	3,953.70	1/4	3,595.08	1/4	3,236.46	1/4	2,877.85	1/4	2,519.23
1/2		1/2	5,298.54	1/2	5,022.08	1/2	4,663.46	1/2	4,304.85	1/2	3,946.23	1/2	3,587.61	1/2	3,228.99	1/2	2,870.38	1/2	2,511.76
3/4		3/4	5,297.61	3/4	5,014.61	3/4	4,655.99	3/4	4,297.37	3/4	3,938.76	3/4	3,580.14	3/4	3,221.52	3/4	2,862.90	3/4	2,504.29
11		11	5,296.67	11	5,007.14	11	4,648.52	11	4,289.90	11	3,931.29	11	3,572.67	11	3,214.05	11	2,855.43	11	2,496.82
1/4		1/4	5,295.73	1/4	4,999.67	1/4	4,641.05	1/4	4,282.43	1/4	3,923.81	1/4	3,565.20	1/4	3,206.58	1/4	2,847.96	1/4	2,489.34
1/2		1/2	5,294.80	1/2	4,992.20	1/2	4,633.58	1/2	4,274.96	1/2	3,916.34	1/2	3,557.73	1/2	3,199.11	1/2	2,840.49	1/2	2,481.87
3/4		3/4	5,292.62	3/4	4,984.72	3/4	4,626.11	3/4	4,267.49	3/4	3,908.87	3/4	3,550.25	3/4	3,191.64	3/4	2,833.02	3/4	2,474.40

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

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INTERTEK CALEB BRETT

DATE STRAPPED: 8/9/08 BY: JF
 DATE COMPUTED: 8/14/08 BY: WHF
 DATE RE-ISSUED: 8/26/08 FOR MMC GAUGE NOTES



HULL NUMBER: 06-2802

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR GAUGING WITH MMC GAUGE TAPE ONLY

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	2,466.93	0	2,108.31	0	1,749.70	0	1,391.08	0	1,034.74	0	676.29	0	317.70	0		0		0	
1/4	2,459.46	1/4	2,100.84	1/4	1,742.22	1/4	1,383.61	1/4	1,027.33	1/4	668.82	1/4	310.23	1/4		1/4		1/4	
1/2	2,451.99	1/2	2,093.37	1/2	1,734.75	1/2	1,376.14	1/2	1,019.93	1/2	661.35	1/2	302.76	1/2		1/2		1/2	
3/4	2,444.52	3/4	2,085.90	3/4	1,727.28	3/4	1,368.66	3/4	1,012.46	3/4	653.88	3/4	295.29	3/4		3/4		3/4	
1	2,437.05	1	2,078.43	1	1,719.81	1	1,361.19	1	1,004.99	1	646.41	1	287.83	1		1		1	
1/4	2,429.57	1/4	2,070.96	1/4	1,712.34	1/4	1,353.72	1/4	997.52	1/4	638.93	1/4	280.36	1/4		1/4		1/4	
1/2	2,422.10	1/2	2,063.49	1/2	1,704.87	1/2	1,346.25	1/2	990.05	1/2	631.46	1/2	272.89	1/2		1/2		1/2	
3/4	2,414.63	3/4	2,056.01	3/4	1,697.40	3/4	1,338.78	3/4	982.58	3/4	623.99	3/4	265.43	3/4		3/4		3/4	
2	2,407.16	2	2,048.54	2	1,689.93	2	1,331.31	2	975.11	2	616.52	2	257.96	2		2		2	
1/4	2,399.69	1/4	2,041.07	1/4	1,682.45	1/4	1,323.84	1/4	967.64	1/4	609.05	1/4	250.49	1/4		1/4		1/4	
1/2	2,392.22	1/2	2,033.60	1/2	1,674.98	1/2	1,316.37	1/2	960.17	1/2	601.58	1/2	243.02	1/2		1/2		1/2	
3/4	2,384.75	3/4	2,026.13	3/4	1,667.51	3/4	1,308.93	3/4	952.70	3/4	594.11	3/4	235.56	3/4		3/4		3/4	
3	2,377.28	3	2,018.66	3	1,660.04	3	1,301.49	3	945.23	3	586.64	3	228.09	3		3		3	
1/4	2,369.80	1/4	2,011.19	1/4	1,652.57	1/4	1,294.05	1/4	937.76	1/4	579.16	1/4	220.62	1/4		1/4		1/4	
1/2	2,362.33	1/2	2,003.72	1/2	1,645.10	1/2	1,286.61	1/2	930.29	1/2	571.69	1/2	213.15	1/2		1/2		1/2	
3/4	2,354.86	3/4	1,996.24	3/4	1,637.63	3/4	1,279.18	3/4	922.82	3/4	564.22	3/4	205.69	3/4		3/4		3/4	
4	2,347.39	4	1,988.77	4	1,630.16	4	1,271.74	4	915.35	4	556.75	4	198.22	4		4		4	
1/4	2,339.92	1/4	1,981.30	1/4	1,622.68	1/4	1,264.30	1/4	907.88	1/4	549.28	1/4	190.75	1/4		1/4		1/4	
1/2	2,332.45	1/2	1,973.83	1/2	1,615.21	1/2	1,256.86	1/2	900.41	1/2	541.81	1/2	183.28	1/2		1/2		1/2	
3/4	2,324.98	3/4	1,966.36	3/4	1,607.74	3/4	1,249.46	3/4	892.94	3/4	534.34	3/4	175.82	3/4		3/4		3/4	
5	2,317.51	5	1,958.89	5	1,600.27	5	1,242.06	5	885.47	5	526.87	5	168.35	5		5		5	
1/4	2,310.04	1/4	1,951.42	1/4	1,592.80	1/4	1,234.65	1/4	878.01	1/4	519.40	1/4	160.88	1/4		1/4		1/4	
1/2	2,302.56	1/2	1,943.95	1/2	1,585.33	1/2	1,227.25	1/2	870.54	1/2	511.92	1/2	153.42	1/2		1/2		1/2	
3/4	2,295.09	3/4	1,936.48	3/4	1,577.86	3/4	1,219.84	3/4	863.07	3/4	504.45	3/4	145.95	3/4		3/4		3/4	
6	2,287.62	6	1,929.00	6	1,570.39	6	1,212.44	6	855.60	6	496.98	6	138.48	6		6		6	
1/4	2,280.15	1/4	1,921.53	1/4	1,562.92	1/4	1,205.03	1/4	848.13	1/4	489.51	1/4	131.01	1/4		1/4		1/4	
1/2	2,272.68	1/2	1,914.06	1/2	1,555.44	1/2	1,197.63	1/2	840.66	1/2	482.04	1/2	123.55	1/2		1/2		1/2	
3/4	2,265.21	3/4	1,906.59	3/4	1,547.97	3/4	1,190.23	3/4	833.19	3/4	474.57	3/4	116.08	3/4		3/4		3/4	
7	2,257.74	7	1,899.12	7	1,540.50	7	1,182.82	7	825.71	7	467.10	7	108.61	7		7		7	
1/4	2,250.27	1/4	1,891.65	1/4	1,533.03	1/4	1,175.42	1/4	818.24	1/4	459.63	1/4	101.14	1/4		1/4		1/4	
1/2	2,242.79	1/2	1,884.18	1/2	1,525.56	1/2	1,168.01	1/2	810.77	1/2	452.15	1/2	93.68	1/2		1/2		1/2	
3/4	2,235.32	3/4	1,876.71	3/4	1,518.09	3/4	1,160.61	3/4	803.30	3/4	444.68	3/4	86.21	3/4		3/4		3/4	
8	2,227.85	8	1,869.23	8	1,510.62	8	1,153.21	8	795.83	8	437.21	8	78.74	8		8		8	
1/4	2,220.38	1/4	1,861.76	1/4	1,503.15	1/4	1,145.80	1/4	788.36	1/4	429.74	1/4	71.28	1/4		1/4		1/4	
1/2	2,212.91	1/2	1,854.29	1/2	1,495.67	1/2	1,138.40	1/2	780.89	1/2	422.27	1/2	63.81	1/2		1/2		1/2	
3/4	2,205.44	3/4	1,846.82	3/4	1,488.20	3/4	1,130.99	3/4	773.42	3/4	414.80	3/4	57.27	3/4		3/4		3/4	
9	2,197.97	9	1,839.35	9	1,480.73	9	1,123.59	9	765.94	9	407.33	9	50.73	9		9		9	
1/4	2,190.50	1/4	1,831.88	1/4	1,473.26	1/4	1,116.18	1/4	758.47	1/4	399.86	1/4	44.20	1/4		1/4		1/4	
1/2	2,183.02	1/2	1,824.41	1/2	1,465.79	1/2	1,108.78	1/2	751.00	1/2	392.38	1/2	37.66	1/2		1/2		1/2	
3/4	2,175.55	3/4	1,816.94	3/4	1,458.32	3/4	1,101.38	3/4	743.53	3/4	384.91	3/4	32.99	3/4		3/4		3/4	
10	2,168.08	10	1,809.46	10	1,450.85	10	1,093.97	10	736.06	10	377.44	10	28.32	10		10		10	
1/4	2,160.61	1/4	1,801.99	1/4	1,443.38	1/4	1,086.57	1/4	728.59	1/4	369.97	1/4	23.65	1/4		1/4		1/4	
1/2	2,153.14	1/2	1,794.52	1/2	1,435.90	1/2	1,079.16	1/2	721.12	1/2	362.50	1/2	18.98	1/2		1/2		1/2	
3/4	2,145.67	3/4	1,787.05	3/4	1,428.43	3/4	1,071.76	3/4	713.65	3/4	355.03	3/4		3/4		3/4		3/4	
11	2,138.20	11	1,779.58	11	1,420.96	11	1,064.35	11	706.18	11	347.57	11		11		11		11	
1/4	2,130.73	1/4	1,772.11	1/4	1,413.49	1/4	1,056.95	1/4	698.70	1/4	340.10	1/4		1/4		1/4		1/4	
1/2	2,123.26	1/2	1,764.64	1/2	1,406.02	1/2	1,049.55	1/2	691.23	1/2	332.63	1/2		1/2		1/2		1/2	
3/4	2,115.78	3/4	1,757.17	3/4	1,398.55	3/4	1,042.14	3/4	683.76	3/4	325.16	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 ULLAGE GAUGES OBTAINED WITH "MMC" GAUGE DEVICE.

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: 8/9/08 BY: JF
DATE COMPUTED: 8/14/08 BY: WHF
DATE RE-ISSUED: 8/26/08 FOR MMC GAUGE NOTES



CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR GAUGING WITH MMC GAUGE TAPE ONLY

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	4,844.46	0	4,601.00	0	4,338.28	0	4,075.56	0	3,812.84	0	3,543.14	0	3,196.69	0	2,838.27
1/4		1/4		1/4	4,842.07	1/4	4,595.53	1/4	4,332.81	1/4	4,070.08	1/4	3,807.36	1/4	3,536.66	1/4	3,189.22	1/4	2,830.81
1/2		1/2		1/2	4,838.76	1/2	4,590.06	1/2	4,327.33	1/2	4,064.61	1/2	3,801.89	1/2	3,530.19	1/2	3,181.75	1/2	2,823.34
3/4		3/4		3/4	4,835.45	3/4	4,584.58	3/4	4,321.86	3/4	4,059.14	3/4	3,796.41	3/4	3,523.72	3/4	3,174.28	3/4	2,815.87
1		1		1	4,832.14	1	4,579.11	1	4,316.39	1	4,053.66	1	3,790.94	1	3,517.25	1	3,166.82	1	2,808.41
1/4		1/4		1/4	4,828.84	1/4	4,573.64	1/4	4,310.91	1/4	4,048.19	1/4	3,785.47	1/4	3,510.78	1/4	3,159.35	1/4	2,800.94
1/2		1/2		1/2	4,824.62	1/2	4,568.16	1/2	4,305.44	1/2	4,042.72	1/2	3,779.99	1/2	3,504.31	1/2	3,151.88	1/2	2,793.47
3/4		3/4		3/4	4,820.40	3/4	4,562.69	3/4	4,299.97	3/4	4,037.24	3/4	3,774.52	3/4	3,497.84	3/4	3,144.42	3/4	2,786.01
2		2		2	4,816.18	2	4,557.22	2	4,294.49	2	4,031.77	2	3,769.05	2	3,491.37	2	3,136.95	2	2,778.54
1/4		1/4		1/4	4,811.96	1/4	4,551.74	1/4	4,289.02	1/4	4,026.30	1/4	3,763.57	1/4	3,484.90	1/4	3,129.48	1/4	2,771.07
1/2		1/2		1/2	4,807.11	1/2	4,546.27	1/2	4,283.55	1/2	4,020.82	1/2	3,758.10	1/2	3,478.43	1/2	3,122.02	1/2	2,763.61
3/4		3/4		3/4	4,802.27	3/4	4,540.80	3/4	4,278.07	3/4	4,015.35	3/4	3,752.63	3/4	3,471.96	3/4	3,114.55	3/4	2,756.14
3		3		3	4,797.42	3	4,535.32	3	4,272.60	3	4,009.88	3	3,747.15	3	3,465.49	3	3,107.08	3	2,748.67
1/4		1/4		1/4	4,792.57	1/4	4,529.85	1/4	4,267.13	1/4	4,004.40	1/4	3,741.68	1/4	3,458.03	1/4	3,099.62	1/4	2,741.20
1/2		1/2		1/2	4,787.10	1/2	4,524.38	1/2	4,261.65	1/2	3,998.93	1/2	3,736.21	1/2	3,450.56	1/2	3,092.15	1/2	2,733.74
3/4		3/4		3/4	4,781.63	3/4	4,518.90	3/4	4,256.18	3/4	3,993.46	3/4	3,730.73	3/4	3,443.09	3/4	3,084.68	3/4	2,726.27
4		4		4	4,776.15	4	4,513.43	4	4,250.71	4	3,987.98	4	3,725.26	4	3,435.63	4	3,077.22	4	2,718.80
1/4		1/4		1/4	4,770.68	1/4	4,507.96	1/4	4,245.23	1/4	3,982.51	1/4	3,719.79	1/4	3,428.16	1/4	3,069.75	1/4	2,711.34
1/2		1/2		1/2	4,765.21	1/2	4,502.48	1/2	4,239.76	1/2	3,977.04	1/2	3,714.31	1/2	3,420.69	1/2	3,062.28	1/2	2,703.87
3/4		3/4		3/4	4,759.73	3/4	4,497.01	3/4	4,234.29	3/4	3,971.56	3/4	3,708.84	3/4	3,413.23	3/4	3,054.81	3/4	2,696.40
5		5		5	4,754.26	5	4,491.54	5	4,228.81	5	3,966.09	5	3,703.37	5	3,405.76	5	3,047.35	5	2,688.94
1/4		1/4		1/4	4,748.79	1/4	4,486.06	1/4	4,223.34	1/4	3,960.62	1/4	3,697.89	1/4	3,398.29	1/4	3,039.88	1/4	2,681.47
1/2		1/2		1/2	4,743.31	1/2	4,480.59	1/2	4,217.87	1/2	3,955.14	1/2	3,692.42	1/2	3,390.82	1/2	3,032.41	1/2	2,674.00
3/4		3/4		3/4	4,737.84	3/4	4,475.12	3/4	4,212.39	3/4	3,949.67	3/4	3,686.95	3/4	3,383.36	3/4	3,024.95	3/4	2,666.54
6		6		6	4,732.37	6	4,469.64	6	4,206.92	6	3,944.20	6	3,681.47	6	3,375.89	6	3,017.48	6	2,659.07
1/4		1/4		1/4	4,726.89	1/4	4,464.17	1/4	4,201.45	1/4	3,938.72	1/4	3,676.00	1/4	3,368.42	1/4	3,010.01	1/4	2,651.60
1/2		1/2		1/2	4,721.42	1/2	4,458.70	1/2	4,195.97	1/2	3,933.25	1/2	3,670.53	1/2	3,360.96	1/2	3,002.55	1/2	2,644.13
3/4		3/4		3/4	4,715.95	3/4	4,453.22	3/4	4,190.50	3/4	3,927.78	3/4	3,665.05	3/4	3,353.49	3/4	2,995.08	3/4	2,636.67
7		7		7	4,710.47	7	4,447.75	7	4,185.03	7	3,922.30	7	3,659.58	7	3,346.02	7	2,987.61	7	2,629.20
1/4		1/4		1/4	4,705.00	1/4	4,442.28	1/4	4,179.55	1/4	3,916.83	1/4	3,654.11	1/4	3,338.56	1/4	2,980.15	1/4	2,621.73
1/2		1/2		1/2	4,699.53	1/2	4,436.80	1/2	4,174.08	1/2	3,911.36	1/2	3,648.63	1/2	3,331.09	1/2	2,972.68	1/2	2,614.27
3/4		3/4		3/4	4,694.05	3/4	4,431.33	3/4	4,168.61	3/4	3,905.88	3/4	3,643.16	3/4	3,323.62	3/4	2,965.21	3/4	2,606.80
8		8		8	4,688.58	8	4,425.86	8	4,163.13	8	3,900.41	8	3,637.69	8	3,316.16	8	2,957.74	8	2,599.33
1/4		1/4		1/4	4,683.11	1/4	4,420.38	1/4	4,157.66	1/4	3,894.94	1/4	3,632.21	1/4	3,308.69	1/4	2,950.28	1/4	2,591.87
1/2		1/2		1/2	4,677.63	1/2	4,414.91	1/2	4,152.19	1/2	3,889.46	1/2	3,626.74	1/2	3,301.22	1/2	2,942.81	1/2	2,584.40
3/4		3/4		3/4	4,672.16	3/4	4,409.44	3/4	4,146.71	3/4	3,883.99	3/4	3,621.27	3/4	3,293.76	3/4	2,935.34	3/4	2,576.93
9		9		9	4,666.69	9	4,403.96	9	4,141.24	9	3,878.52	9	3,615.79	9	3,286.29	9	2,927.88	9	2,569.47
1/4		1/4		1/4	4,661.21	1/4	4,398.49	1/4	4,135.77	1/4	3,873.04	1/4	3,610.32	1/4	3,278.82	1/4	2,920.41	1/4	2,562.00
1/2		1/2		1/2	4,655.74	1/2	4,393.02	1/2	4,130.29	1/2	3,867.57	1/2	3,604.85	1/2	3,271.35	1/2	2,912.94	1/2	2,554.53
3/4		3/4		3/4	4,650.27	3/4	4,387.54	3/4	4,124.82	3/4	3,862.10	3/4	3,599.37	3/4	3,263.89	3/4	2,905.48	3/4	2,547.07
10		10		10	4,644.79	10	4,382.07	10	4,119.35	10	3,856.62	10	3,593.90	10	3,256.42	10	2,898.01	10	2,539.60
1/4		1/4		1/4	4,639.32	1/4	4,376.60	1/4	4,113.87	1/4	3,851.15	1/4	3,588.43	1/4	3,248.95	1/4	2,890.54	1/4	2,532.13
1/2		1/2	4,856.10	1/2	4,633.85	1/2	4,371.12	1/2	4,108.40	1/2	3,845.68	1/2	3,581.96	1/2	3,241.49	1/2	2,883.08	1/2	2,524.66
3/4		3/4	4,854.62	3/4	4,628.37	3/4	4,365.65	3/4	4,102.93	3/4	3,840.20	3/4	3,575.49	3/4	3,234.02	3/4	2,875.61	3/4	2,517.20
11		11	4,853.13	11	4,622.90	11	4,360.18	11	4,097.45	11	3,834.73	11	3,569.02	11	3,226.55	11	2,868.14	11	2,509.73
1/4		1/4	4,851.65	1/4	4,617.42	1/4	4,354.70	1/4	4,091.98	1/4	3,829.26	1/4	3,562.55	1/4	3,219.09	1/4	2,860.67	1/4	2,502.26
1/2		1/2	4,849.25	1/2	4,611.95	1/2	4,349.23	1/2	4,086.51	1/2	3,823.78	1/2	3,556.08	1/2	3,211.62	1/2	2,853.21	1/2	2,494.80
3/4		3/4	4,846.86	3/4	4,606.48	3/4	4,343.75	3/4	4,081.03	3/4	3,818.31	3/4	3,549.61	3/4	3,204.15	3/4	2,845.74	3/4	2,487.33

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

NOTE: CAPACITY TABLE APPLIES ONLY TO ULLAGE GAUGES OBTAINED WITH "MMC" GAUGE DEVICE.

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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INTERTEK CALEB BRETT



DATE STRAPPED: 8/9/08 BY: JF
 DATE COMPUTED: 8/14/08 BY: WHF
 DATE RE-ISSUED: 8/26/08 FOR MMC GAUGE NOTES

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR GAUGING WITH MMC GAUGE TAPE ONLY

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	2,479.86	0	2,121.45	0	1,763.04	0	1,404.63	0	1,048.48	0	690.53	0	332.29	0		12"	F T -3 3/4	12"	F T 3 3/4
1/4	2,472.40	1/4	2,113.98	1/4	1,755.57	1/4	1,397.16	1/4	1,041.08	1/4	683.07	1/4	324.83	1/4		9"	O R I -2 7/8	9"	O R I 2 7/8
1/2	2,464.93	1/2	2,106.52	1/2	1,748.11	1/2	1,389.70	1/2	1,033.68	1/2	675.60	1/2	317.37	1/2		6"	W M -1 7/8	6"	W M 1 7/8
3/4	2,457.46	3/4	2,099.05	3/4	1,740.64	3/4	1,382.23	3/4	1,026.29	3/4	668.14	3/4	309.91	3/4		3"	A R D -1	3"	A R D 1
1	2,450.00	1	2,091.58	1	1,733.17	1	1,374.76	1	1,018.89	1	660.67	1	302.45	1		Even	Nil	Even	Nil
1/4	2,442.53	1/4	2,084.12	1/4	1,725.71	1/4	1,367.30	1/4	1,011.43	1/4	653.21	1/4	294.99	1/4		-3"	S T 1	-3"	S T -1
1/2	2,435.06	1/2	2,076.65	1/2	1,718.24	1/2	1,359.83	1/2	1,003.97	1/2	645.75	1/2	287.53	1/2		-6"	T E R 1 7/8	-6"	T E R -1 7/8
3/4	2,427.59	3/4	2,069.18	3/4	1,710.77	3/4	1,352.36	3/4	996.51	3/4	638.28	3/4	280.07	3/4		-9"	R N 2 7/8	-9"	R N -2 7/8
2	2,420.13	2	2,061.72	2	1,703.31	2	1,344.89	2	989.04	2	630.82	2	272.61	2		-12"	R N 3 3/4	-12"	R N -3 3/4
1/4	2,412.66	1/4	2,054.25	1/4	1,695.84	1/4	1,337.43	1/4	981.58	1/4	623.36	1/4	265.15	1/4		-15"	4 3/4	-15"	-4 3/4
1/2	2,405.19	1/2	2,046.78	1/2	1,688.37	1/2	1,329.96	1/2	974.12	1/2	615.89	1/2	257.69	1/2		-18"	5 5/8	-18"	-5 5/8
3/4	2,397.73	3/4	2,039.32	3/4	1,680.90	3/4	1,322.49	3/4	966.66	3/4	608.43	3/4	250.24	3/4		-21"	6 5/8	-21"	-6 5/8
3	2,390.26	3	2,031.85	3	1,673.44	3	1,315.03	3	959.19	3	600.97	3	242.78	3		-24"	T R 7 5/8	-24"	T R -7 5/8
1/4	2,382.79	1/4	2,024.38	1/4	1,665.97	1/4	1,307.60	1/4	951.73	1/4	593.50	1/4	235.32	1/4		-27"	I M 8 1/2	-27"	I M -8 1/2
1/2	2,375.33	1/2	2,016.92	1/2	1,658.50	1/2	1,300.17	1/2	944.27	1/2	586.04	1/2	227.86	1/2		-30"	I M 9 1/2	-30"	I M -9 1/2
3/4	2,367.86	3/4	2,009.45	3/4	1,651.04	3/4	1,292.74	3/4	936.81	3/4	578.58	3/4	220.40	3/4		-33"	10 3/8	-33"	-10 3/8
4	2,360.39	4	2,001.98	4	1,643.57	4	1,285.31	4	929.35	4	571.11	4	212.94	4		-36"	11 3/8	-36"	-11 3/8
1/4	2,352.93	1/4	1,994.51	1/4	1,636.10	1/4	1,277.88	1/4	921.88	1/4	563.65	1/4	205.48	1/4		-39"	12 1/4	-39"	-12 1/4
1/2	2,345.46	1/2	1,987.05	1/2	1,628.64	1/2	1,270.45	1/2	914.42	1/2	556.18	1/2	198.02	1/2		-42"	13 1/4	-42"	-13 1/4
3/4	2,337.99	3/4	1,979.58	3/4	1,621.17	3/4	1,263.02	3/4	906.96	3/4	548.72	3/4	190.56	3/4		-45"	14 1/4	-45"	-14 1/4
5	2,330.53	5	1,972.11	5	1,613.70	5	1,255.59	5	899.50	5	541.26	5	183.10	5		-48"	15 1/8	-48"	-15 1/8
1/4	2,323.06	1/4	1,964.65	1/4	1,606.24	1/4	1,248.19	1/4	892.04	1/4	533.79	1/4	175.64	1/4					
1/2	2,315.59	1/2	1,957.18	1/2	1,598.77	1/2	1,240.79	1/2	884.57	1/2	526.33	1/2	168.18	1/2					
3/4	2,308.12	3/4	1,949.71	3/4	1,591.30	3/4	1,233.40	3/4	877.11	3/4	518.87	3/4	160.72	3/4					
6	2,300.66	6	1,942.25	6	1,583.84	6	1,226.00	6	869.65	6	511.40	6	153.26	6					
1/4	2,293.19	1/4	1,934.78	1/4	1,576.37	1/4	1,218.60	1/4	862.19	1/4	503.94	1/4	145.80	1/4					
1/2	2,285.72	1/2	1,927.31	1/2	1,568.90	1/2	1,211.21	1/2	854.73	1/2	496.48	1/2	138.34	1/2					
3/4	2,278.26	3/4	1,919.85	3/4	1,561.43	3/4	1,203.81	3/4	847.26	3/4	489.01	3/4	130.88	3/4					
7	2,270.79	7	1,912.38	7	1,553.97	7	1,196.41	7	839.80	7	481.55	7	123.42	7					
1/4	2,263.32	1/4	1,904.91	1/4	1,546.50	1/4	1,189.02	1/4	832.34	1/4	474.08	1/4	115.96	1/4					
1/2	2,255.86	1/2	1,897.44	1/2	1,539.03	1/2	1,181.62	1/2	824.87	1/2	466.62	1/2	108.50	1/2					
3/4	2,248.39	3/4	1,889.98	3/4	1,531.57	3/4	1,174.22	3/4	817.41	3/4	459.16	3/4	101.04	3/4					
8	2,240.92	8	1,882.51	8	1,524.10	8	1,166.83	8	809.95	8	451.69	8	93.58	8					
1/4	2,233.46	1/4	1,875.04	1/4	1,516.63	1/4	1,159.43	1/4	802.48	1/4	444.23	1/4	86.12	1/4					
1/2	2,225.99	1/2	1,867.58	1/2	1,509.17	1/2	1,152.03	1/2	795.02	1/2	436.77	1/2	78.66	1/2					
3/4	2,218.52	3/4	1,860.11	3/4	1,501.70	3/4	1,144.64	3/4	787.56	3/4	429.30	3/4	71.20	3/4					
9	2,211.05	9	1,852.64	9	1,494.23	9	1,137.24	9	780.09	9	421.84	9	63.74	9					
1/4	2,203.59	1/4	1,845.18	1/4	1,486.77	1/4	1,129.84	1/4	772.63	1/4	414.38	1/4	57.21	1/4					
1/2	2,196.12	1/2	1,837.71	1/2	1,479.30	1/2	1,122.45	1/2	765.17	1/2	406.91	1/2	50.68	1/2					
3/4	2,188.65	3/4	1,830.24	3/4	1,471.83	3/4	1,115.05	3/4	757.70	3/4	399.45	3/4	44.15	3/4					
10	2,181.19	10	1,822.78	10	1,464.36	10	1,107.65	10	750.24	10	391.99	10	37.62	10					
1/4	2,173.72	1/4	1,815.31	1/4	1,456.90	1/4	1,100.26	1/4	742.77	1/4	384.52	1/4	32.95	1/4					
1/2	2,166.25	1/2	1,807.84	1/2	1,449.43	1/2	1,092.86	1/2	735.31	1/2	377.06	1/2	28.29	1/2					
3/4	2,158.79	3/4	1,800.38	3/4	1,441.96	3/4	1,085.46	3/4	727.85	3/4	369.59	3/4	23.62	3/4					
11	2,151.32	11	1,792.91	11	1,434.50	11	1,078.07	11	720.38	11	362.13	11	18.96	11					
1/4	2,143.85	1/4	1,785.44	1/4	1,427.03	1/4	1,070.67	1/4	712.92	1/4	354.67	1/4		1/4					
1/2	2,136.39	1/2	1,777.97	1/2	1,419.56	1/2	1,063.27	1/2	705.46	1/2	347.21	1/2		1/2					
3/4	2,128.92	3/4	1,770.51	3/4	1,412.10	3/4	1,055.88	3/4	697.99	3/4	339.75	3/4		3/4					

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

NOTE: CAPACITY TABLE APPLIES ONLY TO ULLAGE GAUGES OBTAINED WITH "MMC" GAUGE DEVICE.

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: 8/9/08 BY: JF
DATE COMPUTED: 8/14/08 BY: WHF
DATE RE-ISSUED: 8/26/08 FOR MMC GAUGE NOTES



IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	4,842.07	0	4,595.53	0	4,332.81	0	4,070.08	0	3,807.36	0	3,536.66	0	3,189.22	0	2,830.81
1/4		1/4		1/4	4,838.76	1/4	4,590.06	1/4	4,327.33	1/4	4,064.61	1/4	3,801.89	1/4	3,530.19	1/4	3,181.75	1/4	2,823.34
1/2		1/2		1/2	4,835.45	1/2	4,584.58	1/2	4,321.86	1/2	4,059.14	1/2	3,796.41	1/2	3,523.72	1/2	3,174.28	1/2	2,815.87
3/4		3/4		3/4	4,832.14	3/4	4,579.11	3/4	4,316.39	3/4	4,053.66	3/4	3,790.94	3/4	3,517.25	3/4	3,166.82	3/4	2,808.41
1		1		1	4,828.84	1	4,573.64	1	4,310.91	1	4,048.19	1	3,785.47	1	3,510.78	1	3,159.35	1	2,800.94
1/4		1/4		1/4	4,824.62	1/4	4,568.16	1/4	4,305.44	1/4	4,042.72	1/4	3,779.99	1/4	3,504.31	1/4	3,151.88	1/4	2,793.47
1/2		1/2		1/2	4,820.40	1/2	4,562.69	1/2	4,299.97	1/2	4,037.24	1/2	3,774.52	1/2	3,497.84	1/2	3,144.42	1/2	2,786.01
3/4		3/4		3/4	4,816.18	3/4	4,557.22	3/4	4,294.49	3/4	4,031.77	3/4	3,769.05	3/4	3,491.37	3/4	3,136.95	3/4	2,778.54
2		2		2	4,811.96	2	4,551.74	2	4,289.02	2	4,026.30	2	3,763.57	2	3,484.90	2	3,129.48	2	2,771.07
1/4		1/4		1/4	4,807.11	1/4	4,546.27	1/4	4,283.55	1/4	4,020.82	1/4	3,758.10	1/4	3,478.43	1/4	3,122.02	1/4	2,763.61
1/2		1/2		1/2	4,802.27	1/2	4,540.80	1/2	4,278.07	1/2	4,015.35	1/2	3,752.63	1/2	3,471.96	1/2	3,114.55	1/2	2,756.14
3/4		3/4		3/4	4,797.42	3/4	4,535.32	3/4	4,272.60	3/4	4,009.88	3/4	3,747.15	3/4	3,465.49	3/4	3,107.08	3/4	2,748.67
3		3		3	4,792.57	3	4,529.85	3	4,267.13	3	4,004.40	3	3,741.68	3	3,458.03	3	3,099.62	3	2,741.20
1/4		1/4		1/4	4,787.10	1/4	4,524.38	1/4	4,261.65	1/4	3,998.93	1/4	3,736.21	1/4	3,450.56	1/4	3,092.15	1/4	2,733.74
1/2		1/2		1/2	4,781.63	1/2	4,518.90	1/2	4,256.18	1/2	3,993.46	1/2	3,730.73	1/2	3,443.09	1/2	3,084.68	1/2	2,726.27
3/4		3/4		3/4	4,776.15	3/4	4,513.43	3/4	4,250.71	3/4	3,987.98	3/4	3,725.26	3/4	3,435.63	3/4	3,077.22	3/4	2,718.80
4		4		4	4,770.68	4	4,507.96	4	4,245.23	4	3,982.51	4	3,719.79	4	3,428.16	4	3,069.75	4	2,711.34
1/4		1/4		1/4	4,765.21	1/4	4,502.48	1/4	4,239.76	1/4	3,977.04	1/4	3,714.31	1/4	3,420.69	1/4	3,062.28	1/4	2,703.87
1/2		1/2		1/2	4,759.73	1/2	4,497.01	1/2	4,234.29	1/2	3,971.56	1/2	3,708.84	1/2	3,413.23	1/2	3,054.81	1/2	2,696.40
3/4		3/4		3/4	4,754.26	3/4	4,491.54	3/4	4,228.81	3/4	3,966.09	3/4	3,703.37	3/4	3,405.76	3/4	3,047.35	3/4	2,688.94
5		5		5	4,748.79	5	4,486.06	5	4,223.34	5	3,960.62	5	3,697.89	5	3,398.29	5	3,039.88	5	2,681.47
1/4		1/4		1/4	4,743.31	1/4	4,480.59	1/4	4,217.87	1/4	3,955.14	1/4	3,692.42	1/4	3,390.82	1/4	3,032.41	1/4	2,674.00
1/2		1/2		1/2	4,737.84	1/2	4,475.12	1/2	4,212.39	1/2	3,949.67	1/2	3,686.95	1/2	3,383.36	1/2	3,024.95	1/2	2,666.54
3/4		3/4		3/4	4,732.37	3/4	4,469.64	3/4	4,206.92	3/4	3,944.20	3/4	3,681.47	3/4	3,375.89	3/4	3,017.48	3/4	2,659.07
6		6		6	4,726.89	6	4,464.17	6	4,201.45	6	3,938.72	6	3,676.00	6	3,368.42	6	3,010.01	6	2,651.60
1/4		1/4		1/4	4,721.42	1/4	4,458.70	1/4	4,195.97	1/4	3,933.25	1/4	3,670.53	1/4	3,360.96	1/4	3,002.55	1/4	2,644.13
1/2		1/2		1/2	4,715.95	1/2	4,453.22	1/2	4,190.50	1/2	3,927.78	1/2	3,665.05	1/2	3,353.49	1/2	2,995.08	1/2	2,636.67
3/4		3/4		3/4	4,710.47	3/4	4,447.75	3/4	4,185.03	3/4	3,922.30	3/4	3,659.58	3/4	3,346.02	3/4	2,987.61	3/4	2,629.20
7		7		7	4,705.00	7	4,442.28	7	4,179.55	7	3,916.83	7	3,654.11	7	3,338.56	7	2,980.15	7	2,621.73
1/4		1/4		1/4	4,699.53	1/4	4,436.80	1/4	4,174.08	1/4	3,911.36	1/4	3,648.63	1/4	3,331.09	1/4	2,972.68	1/4	2,614.27
1/2		1/2		1/2	4,694.05	1/2	4,431.33	1/2	4,168.61	1/2	3,905.88	1/2	3,643.16	1/2	3,323.62	1/2	2,965.21	1/2	2,606.80
3/4		3/4		3/4	4,688.58	3/4	4,425.86	3/4	4,163.13	3/4	3,900.41	3/4	3,637.69	3/4	3,316.16	3/4	2,957.74	3/4	2,599.33
8		8		8	4,683.11	8	4,420.38	8	4,157.66	8	3,894.94	8	3,632.21	8	3,308.69	8	2,950.28	8	2,591.87
1/4		1/4		1/4	4,677.63	1/4	4,414.91	1/4	4,152.19	1/4	3,889.46	1/4	3,626.74	1/4	3,301.22	1/4	2,942.81	1/4	2,584.40
1/2		1/2		1/2	4,672.16	1/2	4,409.44	1/2	4,146.71	1/2	3,883.99	1/2	3,621.27	1/2	3,293.76	1/2	2,935.34	1/2	2,576.93
3/4		3/4		3/4	4,666.69	3/4	4,403.96	3/4	4,141.24	3/4	3,878.52	3/4	3,615.79	3/4	3,286.29	3/4	2,927.88	3/4	2,569.47
9		9		9	4,661.21	9	4,398.49	9	4,135.77	9	3,873.04	9	3,610.32	9	3,278.82	9	2,920.41	9	2,562.00
1/4		1/4		1/4	4,655.74	1/4	4,393.02	1/4	4,130.29	1/4	3,867.57	1/4	3,604.85	1/4	3,271.35	1/4	2,912.94	1/4	2,554.53
1/2		1/2		1/2	4,650.27	1/2	4,387.54	1/2	4,124.82	1/2	3,862.10	1/2	3,599.37	1/2	3,263.89	1/2	2,905.48	1/2	2,547.07
3/4		3/4		3/4	4,644.79	3/4	4,382.07	3/4	4,119.35	3/4	3,856.62	3/4	3,593.90	3/4	3,256.42	3/4	2,898.01	3/4	2,539.60
10		10		10	4,639.32	10	4,376.60	10	4,113.87	10	3,851.15	10	3,588.43	10	3,248.95	10	2,890.54	10	2,532.13
1/4		1/4	4,856.10	1/4	4,633.85	1/4	4,371.12	1/4	4,108.40	1/4	3,845.68	1/4	3,581.96	1/4	3,241.49	1/4	2,883.08	1/4	2,524.66
1/2		1/2	4,854.62	1/2	4,628.37	1/2	4,365.65	1/2	4,102.93	1/2	3,840.20	1/2	3,575.49	1/2	3,234.02	1/2	2,875.61	1/2	2,517.20
3/4		3/4	4,853.13	3/4	4,622.90	3/4	4,360.18	3/4	4,097.45	3/4	3,834.73	3/4	3,569.02	3/4	3,226.55	3/4	2,868.14	3/4	2,509.73
11		11	4,851.65	11	4,617.42	11	4,354.70	11	4,091.98	11	3,829.26	11	3,562.55	11	3,219.09	11	2,860.67	11	2,502.26
1/4		1/4	4,849.25	1/4	4,611.95	1/4	4,349.23	1/4	4,086.51	1/4	3,823.78	1/4	3,556.08	1/4	3,211.62	1/4	2,853.21	1/4	2,494.80
1/2		1/2	4,846.86	1/2	4,606.48	1/2	4,343.75	1/2	4,081.03	1/2	3,818.31	1/2	3,549.61	1/2	3,204.15	1/2	2,845.74	1/2	2,487.33
3/4		3/4	4,844.46	3/4	4,601.00	3/4	4,338.28	3/4	4,075.56	3/4	3,812.84	3/4	3,543.14	3/4	3,196.69	3/4	2,838.27	3/4	2,479.86

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

NOTE: CAPACITY TABLE APPLIES ONLY TO ULLAGE GAUGES OBTAINED WITH "MMC" GAUGE DEVICE.

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

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INTERTEK CALEB BRETT

DATE STRAPPED: 8/9/08 BY: JF
 DATE COMPUTED: 8/14/08 BY: WHF
 DATE RE-ISSUED: 8/26/08 FOR MMC GAUGE NOTES



CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR GAUGING WITH MMC GAUGE TAPE ONLY

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	2,472.40	0	2,113.98	0	1,755.57	0	1,397.16	0	1,041.08	0	683.07	0	324.83	0		12"	F T -3 3/4	12"	F T 3 3/4
1/4	2,464.93	1/4	2,106.52	1/4	1,748.11	1/4	1,389.70	1/4	1,033.68	1/4	675.60	1/4	317.37	1/4		9"	O R I -2 7/8	9"	O R I 2 7/8
1/2	2,457.46	1/2	2,099.05	1/2	1,740.64	1/2	1,382.23	1/2	1,026.29	1/2	668.14	1/2	309.91	1/2		6"	W M -1 7/8	6"	W M 1 7/8
3/4	2,450.00	3/4	2,091.58	3/4	1,733.17	3/4	1,374.76	3/4	1,018.89	3/4	660.67	3/4	302.45	3/4		3"	A R D -1	3"	A R D 1
1	2,442.53	1	2,084.12	1	1,725.71	1	1,367.30	1	1,011.43	1	653.21	1	294.99	1		Even	Nil	Even	Nil
1/4	2,435.06	1/4	2,076.65	1/4	1,718.24	1/4	1,359.83	1/4	1,003.97	1/4	645.75	1/4	287.53	1/4		-3"	1	-3"	-1
1/2	2,427.59	1/2	2,069.18	1/2	1,710.77	1/2	1,352.36	1/2	996.51	1/2	638.28	1/2	280.07	1/2		-6"	S T 1 7/8	-6"	S T -1 7/8
3/4	2,420.13	3/4	2,061.72	3/4	1,703.31	3/4	1,344.89	3/4	989.04	3/4	630.82	3/4	272.61	3/4		-9"	S T 2 7/8	-9"	S T -2 7/8
2	2,412.66	2	2,054.25	2	1,695.84	2	1,337.43	2	981.58	2	623.36	2	265.15	2		-12"	S T 3 3/4	-12"	S T -3 3/4
1/4	2,405.19	1/4	2,046.78	1/4	1,688.37	1/4	1,329.96	1/4	974.12	1/4	615.89	1/4	257.69	1/4		-15"	N 4 3/4	-15"	N -4 3/4
1/2	2,397.73	1/2	2,039.32	1/2	1,680.90	1/2	1,322.49	1/2	966.66	1/2	608.43	1/2	250.24	1/2		-18"	5 5/8	-18"	-5 5/8
3/4	2,390.26	3/4	2,031.85	3/4	1,673.44	3/4	1,315.03	3/4	959.19	3/4	600.97	3/4	242.78	3/4		-21"	6 5/8	-21"	-6 5/8
3	2,382.79	3	2,024.38	3	1,665.97	3	1,307.60	3	951.73	3	593.50	3	235.32	3		-24"	7 5/8	-24"	-7 5/8
1/4	2,375.33	1/4	2,016.92	1/4	1,658.50	1/4	1,300.17	1/4	944.27	1/4	586.04	1/4	227.86	1/4		-27"	T R 8 1/2	-27"	T R -8 1/2
1/2	2,367.86	1/2	2,009.45	1/2	1,651.04	1/2	1,292.74	1/2	936.81	1/2	578.58	1/2	220.40	1/2		-30"	I M 9 1/2	-30"	I M -9 1/2
3/4	2,360.39	3/4	2,001.98	3/4	1,643.57	3/4	1,285.31	3/4	929.35	3/4	571.11	3/4	212.94	3/4		-33"	10 3/8	-33"	-10 3/8
4	2,352.93	4	1,994.51	4	1,636.10	4	1,277.88	4	921.88	4	563.65	4	205.48	4		-36"	11 3/8	-36"	-11 3/8
1/4	2,345.46	1/4	1,987.05	1/4	1,628.64	1/4	1,270.45	1/4	914.42	1/4	556.18	1/4	198.02	1/4		-39"	12 1/4	-39"	-12 1/4
1/2	2,337.99	1/2	1,979.58	1/2	1,621.17	1/2	1,263.02	1/2	906.96	1/2	548.72	1/2	190.56	1/2		-42"	13 1/4	-42"	-13 1/4
3/4	2,330.53	3/4	1,972.11	3/4	1,613.70	3/4	1,255.59	3/4	899.50	3/4	541.26	3/4	183.10	3/4		-45"	14 1/4	-45"	-14 1/4
5	2,323.06	5	1,964.65	5	1,606.24	5	1,248.19	5	892.04	5	533.79	5	175.64	5		-48"	15 1/8	-48"	-15 1/8
1/4	2,315.59	1/4	1,957.18	1/4	1,598.77	1/4	1,240.79	1/4	884.57	1/4	526.33	1/4	168.18	1/4					
1/2	2,308.12	1/2	1,949.71	1/2	1,591.30	1/2	1,233.40	1/2	877.11	1/2	518.87	1/2	160.72	1/2					
3/4	2,300.66	3/4	1,942.25	3/4	1,583.84	3/4	1,226.00	3/4	869.65	3/4	511.40	3/4	153.26	3/4					
6	2,293.19	6	1,934.78	6	1,576.37	6	1,218.60	6	862.19	6	503.94	6	145.80	6					
1/4	2,285.72	1/4	1,927.31	1/4	1,568.90	1/4	1,211.21	1/4	854.73	1/4	496.48	1/4	138.34	1/4					
1/2	2,278.26	1/2	1,919.85	1/2	1,561.43	1/2	1,203.81	1/2	847.26	1/2	489.01	1/2	130.88	1/2					
3/4	2,270.79	3/4	1,912.38	3/4	1,553.97	3/4	1,196.41	3/4	839.80	3/4	481.55	3/4	123.42	3/4					
7	2,263.32	7	1,904.91	7	1,546.50	7	1,189.02	7	832.34	7	474.08	7	115.96	7					
1/4	2,255.86	1/4	1,897.44	1/4	1,539.03	1/4	1,181.62	1/4	824.87	1/4	466.62	1/4	108.50	1/4					
1/2	2,248.39	1/2	1,889.98	1/2	1,531.57	1/2	1,174.22	1/2	817.41	1/2	459.16	1/2	101.04	1/2					
3/4	2,240.92	3/4	1,882.51	3/4	1,524.10	3/4	1,166.83	3/4	809.95	3/4	451.69	3/4	93.58	3/4					
8	2,233.46	8	1,875.04	8	1,516.63	8	1,159.43	8	802.48	8	444.23	8	86.12	8					
1/4	2,225.99	1/4	1,867.58	1/4	1,509.17	1/4	1,152.03	1/4	795.02	1/4	436.77	1/4	78.66	1/4					
1/2	2,218.52	1/2	1,860.11	1/2	1,501.70	1/2	1,144.64	1/2	787.56	1/2	429.30	1/2	71.20	1/2					
3/4	2,211.05	3/4	1,852.64	3/4	1,494.23	3/4	1,137.24	3/4	780.09	3/4	421.84	3/4	63.74	3/4					
9	2,203.59	9	1,845.18	9	1,486.77	9	1,129.84	9	772.63	9	414.38	9	57.21	9					
1/4	2,196.12	1/4	1,837.71	1/4	1,479.30	1/4	1,122.45	1/4	765.17	1/4	406.91	1/4	50.68	1/4					
1/2	2,188.65	1/2	1,830.24	1/2	1,471.83	1/2	1,115.05	1/2	757.70	1/2	399.45	1/2	44.15	1/2					
3/4	2,181.19	3/4	1,822.78	3/4	1,464.36	3/4	1,107.65	3/4	750.24	3/4	391.99	3/4	37.62	3/4					
10	2,173.72	10	1,815.31	10	1,456.90	10	1,100.26	10	742.77	10	384.52	10	32.95	10					
1/4	2,166.25	1/4	1,807.84	1/4	1,449.43	1/4	1,092.86	1/4	735.31	1/4	377.06	1/4	28.29	1/4					
1/2	2,158.79	1/2	1,800.38	1/2	1,441.96	1/2	1,085.46	1/2	727.85	1/2	369.59	1/2	23.62	1/2					
3/4	2,151.32	3/4	1,792.91	3/4	1,434.50	3/4	1,078.07	3/4	720.38	3/4	362.13	3/4	18.96	3/4					
11	2,143.85	11	1,785.44	11	1,427.03	11	1,070.67	11	712.92	11	354.67	11		11					
1/4	2,136.39	1/4	1,777.97	1/4	1,419.56	1/4	1,063.27	1/4	705.46	1/4	347.21	1/4		1/4					
1/2	2,128.92	1/2	1,770.51	1/2	1,412.10	1/2	1,055.88	1/2	697.99	1/2	339.75	1/2		1/2					
3/4	2,121.45	3/4	1,763.04	3/4	1,404.63	3/4	1,048.48	3/4	690.53	3/4	332.29	3/4		3/4					

APPLY TRIM CORRECTION TO ULLAGES OBTAINED AT THE MMC GAUGE POINT. NEGATIVE CORRECTION (-), SUBTRACT FROM ULLAGE.

FOR TRIM BY THE STERN, THE CORRECTION IS ADDED TO OBSERVED ULLAGES.

* CORRECTION ONLY APPLIES TO ULLAGES LESS THAN 4' 4 1/2".

** CORRECTION ONLY APPLIES TO ULLAGES GREATER THAN 4' 4 1/2".

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

NOTE: CAPACITY TABLE APPLIES ONLY TO ULLAGE GAUGES OBTAINED WITH "MMC" GAUGE DEVICE.

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: 8/9/08 BY: JF
 DATE COMPUTED: 8/14/08 BY: WHF
 DATE RE-ISSUED: 8/26/08 FOR MMC GAUGE NOTES

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT - PORT: 6' 7"

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	15	0	933	0	1,945	0	2,957	0	3,969	0		0		0		0		0	
1/4	21	1/4	954	1/4	1,966	1/4	2,978	1/4	3,990	1/4		1/4		1/4		1/4		1/4	
1/2	28	1/2	975	1/2	1,987	1/2	2,999	1/2	4,012	1/2		1/2		1/2		1/2		1/2	
3/4	37	3/4	996	3/4	2,008	3/4	3,021	3/4	4,033	3/4		3/4		3/4		3/4		3/4	
1	47	1	1,017	1	2,030	1	3,042	1	4,054	1		1		1		1		1	
1/4	58	1/4	1,038	1/4	2,051	1/4	3,063	1/4	4,075	1/4		1/4		1/4		1/4		1/4	
1/2	71	1/2	1,060	1/2	2,072	1/2	3,084	1/2	4,096	1/2		1/2		1/2		1/2		1/2	
3/4	84	3/4	1,081	3/4	2,093	3/4	3,105	3/4	4,117	3/4		3/4		3/4		3/4		3/4	
2	99	2	1,102	2	2,114	2	3,126	2	4,138	2		2		2		2		2	
1/4	116	1/4	1,123	1/4	2,135	1/4	3,147	1/4	4,159	1/4		1/4		1/4		1/4		1/4	
1/2	134	1/2	1,144	1/2	2,156	1/2	3,168	1/2	4,180	1/2		1/2		1/2		1/2		1/2	
3/4	153	3/4	1,165	3/4	2,177	3/4	3,189	3/4	4,201	3/4		3/4		3/4		3/4		3/4	
3	174	3	1,186	3	2,198	3	3,210	3	4,222	3		3		3		3		3	
1/4	195	1/4	1,207	1/4	2,219	1/4	3,231	1/4	4,244	1/4		1/4		1/4		1/4		1/4	
1/2	216	1/2	1,228	1/2	2,240	1/2	3,252	1/2	4,265	1/2		1/2		1/2		1/2		1/2	
3/4	237	3/4	1,249	3/4	2,261	3/4	3,274	3/4	4,286	3/4		3/4		3/4		3/4		3/4	
4	258	4	1,270	4	2,283	4	3,295	4	4,307	4		4		4		4		4	
1/4	279	1/4	1,292	1/4	2,304	1/4	3,316	1/4	4,328	1/4		1/4		1/4		1/4		1/4	
1/2	300	1/2	1,313	1/2	2,325	1/2	3,337	1/2	4,349	1/2		1/2		1/2		1/2		1/2	
3/4	322	3/4	1,334	3/4	2,346	3/4	3,358	3/4	4,370	3/4		3/4		3/4		3/4		3/4	
5	343	5	1,355	5	2,367	5	3,379	5	4,391	5		5		5		5		5	
1/4	364	1/4	1,376	1/4	2,388	1/4	3,400	1/4	4,412	1/4		1/4		1/4		1/4		1/4	
1/2	385	1/2	1,397	1/2	2,409	1/2	3,421	1/2	4,433	1/2		1/2		1/2		1/2		1/2	
3/4	406	3/4	1,418	3/4	2,430	3/4	3,442	3/4	4,454	3/4		3/4		3/4		3/4		3/4	
6	427	6	1,439	6	2,451	6	3,463	6	4,475	6		6		6		6		6	
1/4	448	1/4	1,460	1/4	2,472	1/4	3,484	1/4	4,497	1/4		1/4		1/4		1/4		1/4	
1/2	469	1/2	1,481	1/2	2,493	1/2	3,506	1/2	4,518	1/2		1/2		1/2		1/2		1/2	
3/4	490	3/4	1,502	3/4	2,514	3/4	3,527	3/4	4,539	3/4		3/4		3/4		3/4		3/4	
7	511	7	1,523	7	2,536	7	3,548	7	4,560	7		7		7		7		7	
1/4	532	1/4	1,545	1/4	2,557	1/4	3,569	1/4	4,581	1/4		1/4		1/4		1/4		1/4	
1/2	554	1/2	1,566	1/2	2,578	1/2	3,590	1/2	4,602	1/2		1/2		1/2		1/2		1/2	
3/4	575	3/4	1,587	3/4	2,599	3/4	3,611	3/4	4,623	3/4		3/4		3/4		3/4		3/4	
8	596	8	1,608	8	2,620	8	3,632	8	4,644	8		8		8		8		8	
1/4	617	1/4	1,629	1/4	2,641	1/4	3,653	1/4	4,665	1/4		1/4		1/4		1/4		1/4	
1/2	638	1/2	1,650	1/2	2,662	1/2	3,674	1/2	4,686	1/2		1/2		1/2		1/2		1/2	
3/4	659	3/4	1,671	3/4	2,683	3/4	3,695	3/4	4,707	3/4		3/4		3/4		3/4		3/4	
9	680	9	1,692	9	2,704	9	3,716	9	4,728	9		9		9		9		9	
1/4	701	1/4	1,713	1/4	2,725	1/4	3,737	1/4	4,750	1/4		1/4		1/4		1/4		1/4	
1/2	722	1/2	1,734	1/2	2,746	1/2	3,759	1/2	4,771	1/2		1/2		1/2		1/2		1/2	
3/4	743	3/4	1,755	3/4	2,768	3/4	3,780	3/4	4,792	3/4		3/4		3/4		3/4		3/4	
10	764	10	1,776	10	2,789	10	3,801	10	4,813	10		10		10		10		10	
1/4	785	1/4	1,798	1/4	2,810	1/4	3,822	1/4	4,834	1/4		1/4		1/4		1/4		1/4	
1/2	807	1/2	1,819	1/2	2,831	1/2	3,843	1/2	4,855	1/2		1/2		1/2		1/2		1/2	
3/4	828	3/4	1,840	3/4	2,852	3/4	3,864	3/4	4,876	3/4		3/4		3/4		3/4		3/4	
11	849	11	1,861	11	2,873	11	3,885	11	4,897	11		11		11		11		11	
1/4	870	1/4	1,882	1/4	2,894	1/4	3,906	1/4	4,918	1/4		1/4		1/4		1/4		1/4	
1/2	891	1/2	1,903	1/2	2,915	1/2	3,927	1/2	4,939	1/2		1/2		1/2		1/2		1/2	
3/4	912	3/4	1,924	3/4	2,936	3/4	3,948	3/4		3/4		3/4		3/4		3/4		3/4	

NOTE: TANKS 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 4. FT FROM FORWARD BULKHEAD OF TANK AND A DISTANCE TO CENTERLINE OF: 6.0 Feet
 NOTE: FOR GREATEST 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

DATE STRAPPED: 8/9/08 BY: JF
 DATE COMPUTED: 8/14/08 BY: WHF
 DATE ISSUED: 8/18/08

INTERTEK - CALEB BRETT



CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT - STBD: 6' 6 1/2"

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	15	0	904	0	1,884	0	2,864	0	3,844	0		0		0		0		0	
1/4	20	1/4	924	1/4	1,904	1/4	2,884	1/4	3,864	1/4		1/4		1/4		1/4		1/4	
1/2	28	1/2	944	1/2	1,924	1/2	2,905	1/2	3,885	1/2		1/2		1/2		1/2		1/2	
3/4	36	3/4	965	3/4	1,945	3/4	2,925	3/4	3,905	3/4		3/4		3/4		3/4		3/4	
1	45	1	985	1	1,965	1	2,945	1	3,925	1		1		1		1		1	
1/4	56	1/4	1,006	1/4	1,986	1/4	2,966	1/4	3,946	1/4		1/4		1/4		1/4		1/4	
1/2	68	1/2	1,026	1/2	2,006	1/2	2,986	1/2	3,966	1/2		1/2		1/2		1/2		1/2	
3/4	82	3/4	1,046	3/4	2,027	3/4	3,007	3/4	3,987	3/4		3/4		3/4		3/4		3/4	
2	96	2	1,067	2	2,047	2	3,027	2	4,007	2		2		2		2		2	
1/4	112	1/4	1,087	1/4	2,067	1/4	3,047	1/4	4,028	1/4		1/4		1/4		1/4		1/4	
1/2	130	1/2	1,108	1/2	2,088	1/2	3,068	1/2	4,048	1/2		1/2		1/2		1/2		1/2	
3/4	148	3/4	1,128	3/4	2,108	3/4	3,088	3/4	4,068	3/4		3/4		3/4		3/4		3/4	
3	168	3	1,149	3	2,129	3	3,109	3	4,089	3		3		3		3		3	
1/4	189	1/4	1,169	1/4	2,149	1/4	3,129	1/4	4,109	1/4		1/4		1/4		1/4		1/4	
1/2	209	1/2	1,189	1/2	2,169	1/2	3,150	1/2	4,130	1/2		1/2		1/2		1/2		1/2	
3/4	230	3/4	1,210	3/4	2,190	3/4	3,170	3/4	4,150	3/4		3/4		3/4		3/4		3/4	
4	250	4	1,230	4	2,210	4	3,190	4	4,170	4		4		4		4		4	
1/4	271	1/4	1,251	1/4	2,231	1/4	3,211	1/4	4,191	1/4		1/4		1/4		1/4		1/4	
1/2	291	1/2	1,271	1/2	2,251	1/2	3,231	1/2	4,211	1/2		1/2		1/2		1/2		1/2	
3/4	311	3/4	1,291	3/4	2,272	3/4	3,252	3/4	4,232	3/4		3/4		3/4		3/4		3/4	
5	332	5	1,312	5	2,292	5	3,272	5	4,252	5		5		5		5		5	
1/4	352	1/4	1,332	1/4	2,312	1/4	3,292	1/4	4,273	1/4		1/4		1/4		1/4		1/4	
1/2	373	1/2	1,353	1/2	2,333	1/2	3,313	1/2	4,293	1/2		1/2		1/2		1/2		1/2	
3/4	393	3/4	1,373	3/4	2,353	3/4	3,333	3/4	4,313	3/4		3/4		3/4		3/4		3/4	
6	413	6	1,394	6	2,374	6	3,354	6	4,334	6		6		6		6		6	
1/4	434	1/4	1,414	1/4	2,394	1/4	3,374	1/4	4,354	1/4		1/4		1/4		1/4		1/4	
1/2	454	1/2	1,434	1/2	2,414	1/2	3,395	1/2	4,375	1/2		1/2		1/2		1/2		1/2	
3/4	475	3/4	1,455	3/4	2,435	3/4	3,415	3/4	4,395	3/4		3/4		3/4		3/4		3/4	
7	495	7	1,475	7	2,455	7	3,435	7	4,415	7		7		7		7		7	
1/4	516	1/4	1,496	1/4	2,476	1/4	3,456	1/4	4,436	1/4		1/4		1/4		1/4		1/4	
1/2	536	1/2	1,516	1/2	2,496	1/2	3,476	1/2	4,456	1/2		1/2		1/2		1/2		1/2	
3/4	556	3/4	1,536	3/4	2,517	3/4	3,497	3/4	4,477	3/4		3/4		3/4		3/4		3/4	
8	577	8	1,557	8	2,537	8	3,517	8	4,497	8		8		8		8		8	
1/4	597	1/4	1,577	1/4	2,557	1/4	3,537	1/4	4,518	1/4		1/4		1/4		1/4		1/4	
1/2	618	1/2	1,598	1/2	2,578	1/2	3,558	1/2	4,538	1/2		1/2		1/2		1/2		1/2	
3/4	638	3/4	1,618	3/4	2,598	3/4	3,578	3/4	4,558	3/4		3/4		3/4		3/4		3/4	
9	658	9	1,639	9	2,619	9	3,599	9	4,579	9		9		9		9		9	
1/4	679	1/4	1,659	1/4	2,639	1/4	3,619	1/4	4,599	1/4		1/4		1/4		1/4		1/4	
1/2	699	1/2	1,679	1/2	2,659	1/2	3,640	1/2	4,620	1/2		1/2		1/2		1/2		1/2	
3/4	720	3/4	1,700	3/4	2,680	3/4	3,660	3/4	4,640	3/4		3/4		3/4		3/4		3/4	
10	740	10	1,720	10	2,700	10	3,680	10	4,661	10		10		10		10		10	
1/4	761	1/4	1,741	1/4	2,721	1/4	3,701	1/4	4,681	1/4		1/4		1/4		1/4		1/4	
1/2	781	1/2	1,761	1/2	2,741	1/2	3,721	1/2	4,701	1/2		1/2		1/2		1/2		1/2	
3/4	801	3/4	1,782	3/4	2,762	3/4	3,742	3/4	4,722	3/4		3/4		3/4		3/4		3/4	
11	822	11	1,802	11	2,782	11	3,762	11	4,742	11		11		11		11		11	
1/4	842	1/4	1,822	1/4	2,802	1/4	3,783	1/4	4,763	1/4		1/4		1/4		1/4		1/4	
1/2	863	1/2	1,843	1/2	2,823	1/2	3,803	1/2	4,783	1/2		1/2		1/2		1/2		1/2	
3/4	883	3/4	1,863	3/4	2,843	3/4	3,823	3/4		3/4		3/4		3/4		3/4		3/4	

NOTE: TANKS 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 4. FT FROM FORWARD BULKHEAD OF TANK AND A DISTANCE TO CENTERLINE OF: 5.0 FEET

NOTE: FOR GREATEST 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

DATE STRAPPED: 8/9/08 BY: JF
DATE COMPUTED: 8/14/08 BY: WHF
DATE ISSUED: 8/18/08

INTERTEK - CALEB BRETT

