

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT: 16' 3/4"

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.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15.00
0	0.56	0	238.02	0	481.44	0	724.22	0	967.36	0	1,210.66	0	1,453.98	0	1,697.29	0	1,940.68	0	2,184.13	0	2,427.56	0	2,665.82	0	2,878.61	0	3,091.41	0	3,304.21	0	3,479.93
1/4	4.96	1/4	243.09	1/4	486.51	1/4	729.27	1/4	972.43	1/4	1,215.73	1/4	1,459.04	1/4	1,702.36	1/4	1,945.75	1/4	2,189.20	1/4	2,432.63	1/4	2,670.25	1/4	2,883.05	1/4	3,095.85	1/4	3,308.64	1/4	3,490.08
1/2	9.37	1/2	248.16	1/2	491.58	1/2	734.33	1/2	977.49	1/2	1,220.80	1/2	1,464.11	1/2	1,707.43	1/2	1,950.82	1/2	2,194.27	1/2	2,437.70	1/2	2,674.68	1/2	2,887.48	1/2	3,100.28	1/2	3,313.08	1/2	3,491.45
3/4	13.77	3/4	253.23	3/4	496.65	3/4	739.38	3/4	982.56	3/4	1,225.87	3/4	1,469.18	3/4	1,712.50	3/4	1,955.89	3/4	2,199.34	3/4	2,442.77	3/4	2,679.12	3/4	2,891.91	3/4	3,104.71	3/4	3,317.51	3/4	3,492.82
1	18.18	1	258.30	1	501.72	1	744.43	1	987.63	1	1,230.94	1	1,474.25	1	1,717.57	1	1,960.96	1	2,204.42	1	2,447.84	1	2,683.55	1	2,896.35	1	3,109.15	1	3,321.94	1	3,494.18
1/4	22.78	1/4	263.37	1/4	506.79	1/4	749.48	1/4	992.69	1/4	1,236.00	1/4	1,479.32	1/4	1,722.64	1/4	1,966.04	1/4	2,209.49	1/4	2,452.91	1/4	2,687.98	1/4	2,900.78	1/4	3,113.58	1/4	3,326.38	1/4	3,497.11
1/2	27.39	1/2	268.44	1/2	511.86	1/2	754.54	1/2	997.76	1/2	1,241.07	1/2	1,484.39	1/2	1,727.71	1/2	1,971.11	1/2	2,214.56	1/2	2,457.98	1/2	2,692.42	1/2	2,905.21	1/2	3,118.01	1/2	3,330.81	1/2	3,500.12
3/4	31.99	3/4	273.52	3/4	516.93	3/4	759.59	3/4	1,002.83	3/4	1,246.14	3/4	1,489.46	3/4	1,732.78	3/4	1,976.18	3/4	2,219.63	3/4	2,463.05	3/4	2,696.85	3/4	2,909.65	3/4	3,122.45	3/4	3,335.24	3/4	3,503.34
2	36.60	2	278.59	2	522.00	2	764.64	2	1,007.89	2	1,251.21	2	1,494.53	2	1,737.85	2	1,981.25	2	2,224.70	2	2,468.12	2	2,701.28	2	2,914.08	2	3,126.88	2	3,339.68	2	3,506.11
1/4	41.40	1/4	283.66	1/4	527.07	1/4	769.71	1/4	1,012.96	1/4	1,256.28	1/4	1,499.60	1/4	1,742.91	1/4	1,986.32	1/4	2,229.77	1/4	2,473.19	1/4	2,705.72	1/4	2,918.51	1/4	3,131.31	1/4	3,344.11	1/4	3,508.44
1/2	46.20	1/2	288.73	1/2	532.14	1/2	774.78	1/2	1,018.03	1/2	1,261.35	1/2	1,504.67	1/2	1,747.98	1/2	1,991.40	1/2	2,234.85	1/2	2,478.26	1/2	2,710.15	1/2	2,922.95	1/2	3,135.75	1/2	3,348.54	1/2	3,511.27
3/4	51.01	3/4	293.80	3/4	537.20	3/4	779.85	3/4	1,023.10	3/4	1,266.42	3/4	1,509.74	3/4	1,753.05	3/4	1,996.47	3/4	2,239.92	3/4	2,483.33	3/4	2,714.58	3/4	2,927.38	3/4	3,140.18	3/4	3,352.98	3/4	3,516.51
3	55.81	3	298.87	3	542.27	3	784.91	3	1,028.17	3	1,271.49	3	1,514.80	3	1,758.12	3	2,001.54	3	2,244.99	3	2,488.40	3	2,719.02	3	2,931.81	3	3,144.61	3	3,357.41	3	3,520.14
1/4	60.80	1/4	303.94	1/4	547.34	1/4	789.98	1/4	1,033.24	1/4	1,276.56	1/4	1,519.87	1/4	1,763.19	1/4	2,006.61	1/4	2,250.06	1/4	2,493.47	1/4	2,723.45	1/4	2,936.25	1/4	3,149.05	1/4	3,361.84	1/4	3,525.37
1/2	65.79	1/2	309.01	1/2	552.41	1/2	795.05	1/2	1,038.31	1/2	1,281.63	1/2	1,524.94	1/2	1,768.26	1/2	2,011.68	1/2	2,255.13	1/2	2,498.54	1/2	2,727.88	1/2	2,940.68	1/2	3,153.48	1/2	3,366.28	1/2	3,530.81
3/4	70.77	3/4	314.08	3/4	557.47	3/4	800.12	3/4	1,043.38	3/4	1,286.70	3/4	1,530.01	3/4	1,773.33	3/4	2,016.75	3/4	2,260.21	3/4	2,503.61	3/4	2,732.32	3/4	2,945.11	3/4	3,157.91	3/4	3,370.71	3/4	3,536.14
4	75.76	4	319.15	4	562.54	4	805.19	4	1,048.45	4	1,291.76	4	1,535.08	4	1,778.40	4	2,021.83	4	2,265.28	4	2,508.68	4	2,736.75	4	2,949.55	4	3,162.35	4	3,375.14	4	3,541.47
1/4	80.81	1/4	324.22	1/4	567.59	1/4	810.25	1/4	1,053.52	1/4	1,296.83	1/4	1,540.15	1/4	1,783.47	1/4	2,026.90	1/4	2,270.35	1/4	2,513.75	1/4	2,741.18	1/4	2,953.98	1/4	3,166.78	1/4	3,379.58	1/4	3,546.11
1/2	85.89	1/2	329.30	1/2	572.65	1/2	815.32	1/2	1,058.59	1/2	1,301.90	1/2	1,545.22	1/2	1,788.54	1/2	2,031.97	1/2	2,275.42	1/2	2,518.82	1/2	2,745.61	1/2	2,958.41	1/2	3,171.21	1/2	3,384.01	1/2	3,551.34
3/4	90.96	3/4	334.37	3/4	577.70	3/4	820.39	3/4	1,063.65	3/4	1,306.97	3/4	1,550.29	3/4	1,793.61	3/4	2,037.04	3/4	2,280.49	3/4	2,523.89	3/4	2,750.05	3/4	2,962.85	3/4	3,175.65	3/4	3,388.44	3/4	3,557.57
5	96.03	5	339.44	5	582.75	5	825.46	5	1,068.72	5	1,312.04	5	1,555.36	5	1,798.67	5	2,042.11	5	2,285.57	5	2,528.96	5	2,754.48	5	2,967.28	5	3,180.08	5	3,392.88	5	3,562.01
1/4	101.10	1/4	344.51	1/4	587.80	1/4	830.53	1/4	1,073.79	1/4	1,317.11	1/4	1,560.43	1/4	1,803.74	1/4	2,047.19	1/4	2,290.64	1/4	2,534.02	1/4	2,758.91	1/4	2,971.71	1/4	3,184.51	1/4	3,397.31	1/4	3,567.44
1/2	106.17	1/2	349.58	1/2	592.86	1/2	835.60	1/2	1,078.86	1/2	1,322.18	1/2	1,565.50	1/2	1,808.81	1/2	2,052.26	1/2	2,295.71	1/2	2,539.09	1/2	2,763.35	1/2	2,976.15	1/2	3,188.95	1/2	3,401.74	1/2	3,572.87
3/4	111.25	3/4	354.65	3/4	597.91	3/4	840.66	3/4	1,083.93	3/4	1,327.25	3/4	1,570.56	3/4	1,813.88	3/4	2,057.33	3/4	2,300.78	3/4	2,544.16	3/4	2,767.78	3/4	2,980.58	3/4	3,193.38	3/4	3,406.18	3/4	3,578.31
6	116.32	6	359.72	6	602.96	6	845.73	6	1,089.00	6	1,332.32	6	1,575.63	6	1,818.95	6	2,062.40	6	2,305.85	6	2,549.23	6	2,772.21	6	2,985.01	6	3,197.81	6	3,410.61	6	3,583.54
1/4	121.39	1/4	364.79	1/4	608.01	1/4	850.80	1/4	1,094.07	1/4	1,337.39	1/4	1,580.70	1/4	1,824.02	1/4	2,067.47	1/4	2,310.93	1/4	2,554.30	1/4	2,776.65	1/4	2,989.45	1/4	3,202.24	1/4	3,415.04	1/4	3,589.97
1/2	126.46	1/2	369.87	1/2	613.07	1/2	855.87	1/2	1,099.14	1/2	1,342.46	1/2	1,585.77	1/2	1,829.09	1/2	2,072.55	1/2	2,316.00	1/2	2,559.37	1/2	2,781.08	1/2	2,993.88	1/2	3,206.68	1/2	3,419.48	1/2	3,595.10
3/4	131.53	3/4	374.94	3/4	618.12	3/4	860.94	3/4	1,104.21	3/4	1,347.52	3/4	1,590.84	3/4	1,834.17	3/4	2,077.62	3/4	2,321.07	3/4	2,564.44	3/4	2,785.51	3/4	2,998.31	3/4	3,211.11	3/4	3,423.91	3/4	3,602.44
7	136.60	7	380.01	7	623.17	7	866.00	7	1,109.28	7	1,352.59	7	1,595.91	7	1,839.24	7	2,082.69	7	2,326.14	7	2,569.51	7	2,789.95	7	3,002.75	7	3,215.54	7	3,428.34	7	3,609.87
1/4	141.67	1/4	385.08	1/4	628.22	1/4	871.07	1/4	1,114.35	1/4	1,357.66	1/4	1,600.98	1/4	1,844.31	1/4	2,087.76	1/4	2,331.21	1/4	2,574.58	1/4	2,794.38	1/4	3,007.18	1/4	3,219.98	1/4	3,432.78	1/4	3,614.31
1/2	146.74	1/2	390.16	1/2	633.28	1/2	876.14	1/2	1,119.42	1/2	1,362.73	1/2	1,606.05	1/2	1,849.38	1/2	2,092.83	1/2	2,336.28	1/2	2,579.65	1/2	2,798.81	1/2	3,011.61	1/2	3,224.41	1/2	3,437.21	1/2	3,620.74
3/4	151.81	3/4	395.23	3/4	638.33	3/4	881.21	3/4	1,124.48	3/4	1,367.80	3/4	1,611.12	3/4	1,854.45	3/4	2,097.91	3/4	2,341.36	3/4	2,584.72	3/4	2,803.25	3/4	3,016.05	3/4	3,228.84	3/4	3,441.64	3/4	3,626.07
8	156.88	8	400.30	8	643.38	8	886.28	8	1,129.55	8	1,372.87	8	1,616.19	8	1,859.53	8	2,102.98	8	2,346.43	8	2,589.79	8	2,807.68	8	3,020.48	8	3,233.28	8	3,446.08	8	3,631.61
1/4	161.96	1/4	405.37	1/4	648.43	1/4	891.34	1/4	1,134.62	1/4	1,377.94	1/4	1,621.26	1/4	1,864.60	1/4	2,108.05	1/4	2,351.50	1/4	2,594.86	1/4	2,812.11	1/4	3,024.91	1/4	3,237.71	1/4	3,449.88	1/4	3,635.21
1/2	167.03	1/2	410.44	1/2	653.49	1/2	896.41	1/2	1,139.69	1/2	1,383.01	1/2	1,626.32	1/2	1,869.67	1/2	2,113.12	1/2	2,356.57	1/2	2,599.93	1/2	2,816.55	1/2	3,029.35	1/2	3,242.14	1/2	3,453.69	1/2	3,640.02
3/4	172.10	3/4	415.52	3/4	658.54	3/4	901.48	3/4	1,144.76	3/4	1,388.08	3/4	1,631.39	3/4	1,874.74	3/4	2,118.19	3/4	2,361.64	3/4	2,605.00	3/4	2,820.98	3/4	3,033.78	3/4	3,246.58	3/4	3,457.50	3/4	3,645.34
9	177.17	9	420.59	9</																											

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT: 16' 2 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.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15.00
0	0.56	0	275.12	0	551.76	0	827.64	0	1,103.98	0	1,380.51	0	1,657.06	0	1,933.60	0	2,210.22	0	2,486.91	0	2,763.59	0	3,040.18	0	3,316.79	0	3,593.41	0	3,870.02	0	4,103.33
1/4	6.12	1/4	280.88	1/4	557.52	1/4	833.38	1/4	1,109.74	1/4	1,386.27	1/4	1,662.82	1/4	1,939.36	1/4	2,215.99	1/4	2,492.68	1/4	2,769.35	1/4	3,045.94	1/4	3,322.55	1/4	3,599.17	1/4	3,875.78	1/4	4,103.91
1/2	11.68	1/2	286.65	1/2	563.29	1/2	839.12	1/2	1,115.50	1/2	1,392.03	1/2	1,668.58	1/2	1,945.13	1/2	2,221.75	1/2	2,498.44	1/2	2,775.11	1/2	3,051.70	1/2	3,328.32	1/2	3,604.93	1/2	3,881.55	1/2	4,104.49
3/4	17.24	3/4	292.41	3/4	569.05	3/4	844.86	3/4	1,121.25	3/4	1,397.79	3/4	1,674.34	3/4	1,950.89	3/4	2,227.52	3/4	2,504.21	3/4	2,780.87	3/4	3,057.47	3/4	3,334.08	3/4	3,610.69	3/4	3,887.31	3/4	4,105.08
1	22.80	1	298.17	1	574.81	1	850.60	1	1,127.01	1	1,403.55	1	1,680.10	1	1,956.65	1	2,233.28	1	2,509.97	1	2,786.64	1	3,063.23	1	3,339.84	1	3,616.46	1	3,893.07	1	4,105.66
1/4	28.41	1/4	303.93	1/4	580.57	1/4	856.34	1/4	1,132.77	1/4	1,409.32	1/4	1,685.86	1/4	1,962.41	1/4	2,239.04	1/4	2,515.74	1/4	2,792.40	1/4	3,068.99	1/4	3,345.61	1/4	3,622.22	1/4	3,898.83	1/4	4,106.25
1/2	34.03	1/2	309.70	1/2	586.34	1/2	862.08	1/2	1,138.53	1/2	1,415.08	1/2	1,691.62	1/2	1,968.17	1/2	2,244.81	1/2	2,521.50	1/2	2,798.16	1/2	3,074.75	1/2	3,351.37	1/2	3,627.98	1/2	3,904.60	1/2	4,106.88
3/4	39.65	3/4	315.46	3/4	592.10	3/4	867.82	3/4	1,144.29	3/4	1,420.84	3/4	1,697.39	3/4	1,973.93	3/4	2,250.57	3/4	2,527.26	3/4	2,803.92	3/4	3,080.52	3/4	3,357.13	3/4	3,633.75	3/4	3,910.36	3/4	4,107.51
2	45.26	2	321.22	2	597.86	2	873.56	2	1,150.05	2	1,426.60	2	1,703.15	2	1,979.69	2	2,256.34	2	2,533.03	2	2,809.68	2	3,086.28	2	3,362.89	2	3,639.51	2	3,916.12	2	4,108.14
1/4	50.93	1/4	326.99	1/4	603.62	1/4	879.32	1/4	1,155.81	1/4	1,432.36	1/4	1,708.91	1/4	1,985.46	1/4	2,262.10	1/4	2,538.79	1/4	2,815.45	1/4	3,092.04	1/4	3,368.66	1/4	3,645.27	1/4	3,921.89	1/4	4,108.72
1/2	56.60	1/2	332.75	1/2	609.38	1/2	885.08	1/2	1,161.58	1/2	1,438.12	1/2	1,714.67	1/2	1,991.22	1/2	2,267.87	1/2	2,544.56	1/2	2,821.21	1/2	3,097.81	1/2	3,374.42	1/2	3,651.03	1/2	3,927.65	1/2	4,109.30
3/4	62.27	3/4	338.51	3/4	615.14	3/4	890.84	3/4	1,167.34	3/4	1,443.88	3/4	1,720.43	3/4	1,996.98	3/4	2,273.63	3/4	2,550.32	3/4	2,826.97	3/4	3,103.57	3/4	3,380.18	3/4	3,656.80	3/4	3,933.41	3/4	4,109.87
3	67.94	3	344.27	3	620.90	3	896.60	3	1,173.10	3	1,449.65	3	1,726.19	3	2,002.74	3	2,279.40	3	2,556.09	3	2,832.73	3	3,109.33	3	3,385.95	3	3,662.56	3	3,939.17	3	4,110.44
1/4	73.65	1/4	350.04	1/4	626.66	1/4	902.36	1/4	1,178.86	1/4	1,455.41	1/4	1,731.95	1/4	2,008.50	1/4	2,285.16	1/4	2,561.85	1/4	2,838.50	1/4	3,115.09	1/4	3,391.71	1/4	3,668.32	1/4	3,944.94	1/4	4,111.01
1/2	79.36	1/2	355.80	1/2	632.42	1/2	908.12	1/2	1,184.62	1/2	1,461.17	1/2	1,737.72	1/2	2,014.26	1/2	2,290.92	1/2	2,567.62	1/2	2,844.26	1/2	3,120.86	1/2	3,397.47	1/2	3,674.09	1/2	3,950.70	1/2	4,111.58
3/4	85.07	3/4	361.56	3/4	638.18	3/4	913.88	3/4	1,190.38	3/4	1,466.93	3/4	1,743.48	3/4	2,020.02	3/4	2,296.69	3/4	2,573.38	3/4	2,850.02	3/4	3,126.62	3/4	3,403.23	3/4	3,679.85	3/4	3,956.46	3/4	4,112.15
4	90.78	4	367.32	4	643.94	4	919.64	4	1,196.14	4	1,472.69	4	1,749.24	4	2,025.79	4	2,302.45	4	2,579.14	4	2,855.78	4	3,132.38	4	3,409.00	4	3,685.61	4	3,962.23	4	4,112.72
1/4	96.52	1/4	373.09	1/4	649.68	1/4	925.41	1/4	1,201.91	1/4	1,478.45	1/4	1,755.00	1/4	2,031.55	1/4	2,308.22	1/4	2,584.91	1/4	2,861.54	1/4	3,138.15	1/4	3,414.76	1/4	3,691.37	1/4	3,967.99	1/4	4,113.29
1/2	102.27	1/2	378.85	1/2	655.42	1/2	931.17	1/2	1,207.67	1/2	1,484.21	1/2	1,760.76	1/2	2,037.31	1/2	2,313.98	1/2	2,590.67	1/2	2,867.31	1/2	3,143.91	1/2	3,420.52	1/2	3,697.14	1/2	3,973.75	1/2	4,113.86
3/4	108.01	3/4	384.61	3/4	661.17	3/4	938.93	3/4	1,213.43	3/4	1,489.98	3/4	1,766.52	3/4	2,043.07	3/4	2,319.75	3/4	2,596.44	3/4	2,873.07	3/4	3,149.67	3/4	3,426.29	3/4	3,702.90	3/4	3,979.51	3/4	4,114.43
5	113.76	5	390.38	5	666.91	5	942.69	5	1,219.19	5	1,495.74	5	1,772.28	5	2,048.83	5	2,325.51	5	2,602.20	5	2,878.83	5	3,155.43	5	3,432.05	5	3,708.66	5	3,985.28	5	4,115.00
1/4	119.52	1/4	396.14	1/4	672.65	1/4	948.45	1/4	1,224.95	1/4	1,501.50	1/4	1,778.05	1/4	2,054.59	1/4	2,331.27	1/4	2,607.97	1/4	2,884.59	1/4	3,161.20	1/4	3,437.81	1/4	3,714.43	1/4	3,991.04	1/4	4,115.57
1/2	125.29	1/2	401.90	1/2	678.31	1/2	954.21	1/2	1,230.71	1/2	1,507.26	1/2	1,783.81	1/2	2,060.35	1/2	2,337.04	1/2	2,613.73	1/2	2,890.36	1/2	3,166.96	1/2	3,443.57	1/2	3,720.19	1/2	3,996.80	1/2	4,116.14
3/4	131.05	3/4	407.66	3/4	684.13	3/4	959.97	3/4	1,236.47	3/4	1,513.02	3/4	1,789.57	3/4	2,066.12	3/4	2,342.80	3/4	2,619.49	3/4	2,896.12	3/4	3,172.72	3/4	3,449.34	3/4	3,725.95	3/4	4,002.57	3/4	4,116.71
6	136.81	6	413.43	6	689.87	6	965.73	6	1,242.24	6	1,518.78	6	1,795.33	6	2,071.88	6	2,348.57	6	2,625.26	6	2,901.88	6	3,178.48	6	3,455.10	6	3,731.71	6	4,008.33	6	4,117.28
1/4	142.58	1/4	419.19	1/4	695.61	1/4	971.49	1/4	1,248.00	1/4	1,524.54	1/4	1,801.09	1/4	2,077.64	1/4	2,354.33	1/4	2,631.02	1/4	2,907.64	1/4	3,184.25	1/4	3,460.86	1/4	3,737.48	1/4	4,014.09	1/4	4,117.85
1/2	148.34	1/2	424.96	1/2	701.35	1/2	977.25	1/2	1,253.76	1/2	1,530.31	1/2	1,806.85	1/2	2,083.41	1/2	2,360.10	1/2	2,636.79	1/2	2,913.40	1/2	3,190.01	1/2	3,466.62	1/2	3,743.24	1/2	4,019.85	1/2	4,118.42
3/4	154.10	3/4	430.72	3/4	707.09	3/4	983.01	3/4	1,259.52	3/4	1,536.07	3/4	1,812.61	3/4	2,089.17	3/4	2,365.86	3/4	2,642.55	3/4	2,919.17	3/4	3,195.77	3/4	3,472.39	3/4	3,749.00	3/4	4,025.62	3/4	4,119.00
7	159.86	7	436.48	7	712.83	7	988.77	7	1,265.28	7	1,541.83	7	1,818.38	7	2,094.93	7	2,371.63	7	2,648.32	7	2,924.93	7	3,201.54	7	3,478.15	7	3,754.76	7	4,031.38	7	4,119.57
1/4	165.63	1/4	442.25	1/4	718.57	1/4	994.53	1/4	1,271.04	1/4	1,547.59	1/4	1,824.14	1/4	2,100.70	1/4	2,377.39	1/4	2,654.08	1/4	2,930.69	1/4	3,207.30	1/4	3,483.91	1/4	3,760.53	1/4	4,037.14	1/4	4,120.14
1/2	171.39	1/2	448.01	1/2	724.31	1/2	1,000.29	1/2	1,276.80	1/2	1,553.35	1/2	1,829.90	1/2	2,106.46	1/2	2,383.15	1/2	2,659.85	1/2	2,936.45	1/2	3,213.06	1/2	3,489.68	1/2	3,766.29	1/2	4,042.90	1/2	4,120.71
3/4	177.15	3/4	453.78	3/4	730.05	3/4	1,006.05	3/4	1,282.57	3/4	1,559.11	3/4	1,835.66	3/4	2,112.23	3/4	2,388.92	3/4	2,665.61	3/4	2,942.22	3/4	3,218.82	3/4	3,495.44	3/4	3,772.05	3/4	4,048.67	3/4	4,121.28
8	182.92	8	459.54	8	735.79	8	1,011.81	8	1,288.33	8	1,564.87	8	1,841.42	8	2,117.99	8	2,394.68	8	2,671.37	8	2,947.98	8	3,224.59	8	3,501.20	8	3,777.82	8	4,054.43	8	4,121.85
1/4	188.68	1/4	465.31	1/4	741.53	1/4	1,017.58	1/4	1,294.09	1/4	1,570.64	1/4	1,847.18	1/4	2,123.76	1/4	2,400.45	1/4	2,677.14	1/4	2,953.74	1/4	3,230.35	1/4	3,506.96	1/4	3,783.58	1/4	4,059.46	1/4	4,122.42
1/2	194.44	1/2	471.07	1/2	747.27	1/2	1,023.34	1/2	1,299.85	1/2	1,576.40	1/2	1,852.94	1/2	2,129.52	1/2	2,406.21	1/2	2,682.90	1/2	2,959.50	1/2	3,236.11	1/2	3,512.73	1/2	3,789.34	1/2	4,064.50	1/2	4,123.00
3/4	200.20	3/4	476.84	3/4	753.01	3/4	1,029.10	3/4	1,305.61	3/4	1,582.16	3/4	1,858.71	3/4	2,135.29	3/4	2,411.98	3/4	2,688.67	3/4	2,965.26	3/4	3,241.88	3/4	3,518.49	3/4	3,795.10	3/4	4,069.53	3/4	4,123.57
9																															

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT: 16" 3"

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.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15.00
0	0.56	0	246.78	0	494.86	0	742.25	0	990.05	0	1,238.03	0	1,486.02	0	1,734.01	0	1,982.07	0	2,230.21	0	2,478.33	0	2,726.36	0	2,974.42	0	3,222.48	0	3,470.54	0	3,682.75
1/4	5.55	1/4	251.94	1/4	500.02	1/4	747.39	1/4	995.21	1/4	1,243.19	1/4	1,491.18	1/4	1,739.18	1/4	1,987.24	1/4	2,235.38	1/4	2,483.50	1/4	2,731.53	1/4	2,979.59	1/4	3,227.65	1/4	3,475.71	1/4	3,683.22
1/2	10.53	1/2	257.11	1/2	505.19	1/2	752.54	1/2	1,000.38	1/2	1,248.36	1/2	1,496.35	1/2	1,744.34	1/2	1,992.41	1/2	2,240.55	1/2	2,488.66	1/2	2,736.70	1/2	2,984.76	1/2	3,232.82	1/2	3,480.88	1/2	3,683.70
3/4	15.52	3/4	262.28	3/4	510.36	3/4	757.69	3/4	1,005.54	3/4	1,253.53	3/4	1,501.52	3/4	1,749.51	3/4	1,997.58	3/4	2,245.72	3/4	2,493.83	3/4	2,741.87	3/4	2,989.93	3/4	3,237.99	3/4	3,486.05	3/4	3,684.18
1	20.50	1	267.45	1	515.53	1	762.84	1	1,010.71	1	1,258.69	1	1,506.68	1	1,754.68	1	2,002.75	1	2,250.89	1	2,499.00	1	2,747.04	1	2,995.09	1	3,243.15	1	3,491.21	1	3,684.65
1/4	25.54	1/4	272.62	1/4	520.70	1/4	767.99	1/4	1,015.87	1/4	1,263.86	1/4	1,511.85	1/4	1,759.84	1/4	2,007.92	1/4	2,256.06	1/4	2,504.17	1/4	2,752.20	1/4	3,000.26	1/4	3,248.32	1/4	3,496.38	1/4	
1/2	30.58	1/2	277.78	1/2	525.86	1/2	773.13	1/2	1,021.04	1/2	1,269.03	1/2	1,517.02	1/2	1,765.01	1/2	2,013.09	1/2	2,261.23	1/2	2,509.33	1/2	2,757.37	1/2	3,005.43	1/2	3,253.49	1/2	3,501.55	1/2	
3/4	35.61	3/4	282.95	3/4	531.03	3/4	778.28	3/4	1,026.20	3/4	1,274.19	3/4	1,522.18	3/4	1,770.18	3/4	2,018.26	3/4	2,266.40	3/4	2,514.50	3/4	2,762.54	3/4	3,010.60	3/4	3,258.66	3/4	3,506.72	3/4	
2	40.65	2	288.12	2	536.20	2	783.43	2	1,031.37	2	1,279.36	2	1,527.35	2	1,775.34	2	2,023.43	2	2,271.57	2	2,519.67	2	2,767.71	2	3,015.77	2	3,263.83	2	3,511.88	2	
1/4	45.73	1/4	293.29	1/4	541.36	1/4	788.59	1/4	1,036.53	1/4	1,284.52	1/4	1,532.52	1/4	1,780.51	1/4	2,028.60	1/4	2,276.74	1/4	2,524.83	1/4	2,772.87	1/4	3,020.93	1/4	3,268.99	1/4	3,517.05	1/4	
1/2	50.82	1/2	298.45	1/2	546.53	1/2	793.76	1/2	1,041.70	1/2	1,289.69	1/2	1,537.68	1/2	1,785.68	1/2	2,033.77	1/2	2,281.91	1/2	2,530.00	1/2	2,778.04	1/2	3,026.10	1/2	3,274.16	1/2	3,522.22	1/2	
3/4	55.90	3/4	303.62	3/4	551.70	3/4	798.93	3/4	1,046.87	3/4	1,294.86	3/4	1,542.85	3/4	1,790.84	3/4	2,038.94	3/4	2,287.07	3/4	2,535.17	3/4	2,783.21	3/4	3,031.27	3/4	3,279.33	3/4	3,527.39	3/4	
3	60.99	3	308.79	3	556.86	3	804.09	3	1,052.03	3	1,300.02	3	1,548.02	3	1,796.01	3	2,044.11	3	2,292.24	3	2,540.34	3	2,788.38	3	3,036.44	3	3,284.50	3	3,532.56	3	
1/4	66.11	1/4	313.96	1/4	562.03	1/4	809.26	1/4	1,057.20	1/4	1,305.19	1/4	1,553.18	1/4	1,801.17	1/4	2,049.28	1/4	2,297.41	1/4	2,545.50	1/4	2,793.55	1/4	3,041.61	1/4	3,289.66	1/4	3,537.72	1/4	
1/2	71.23	1/2	319.12	1/2	567.19	1/2	814.42	1/2	1,062.37	1/2	1,310.36	1/2	1,558.35	1/2	1,806.34	1/2	2,054.45	1/2	2,302.58	1/2	2,550.67	1/2	2,798.71	1/2	3,046.77	1/2	3,294.83	1/2	3,542.89	1/2	
3/4	76.35	3/4	324.29	3/4	572.36	3/4	819.59	3/4	1,067.53	3/4	1,315.52	3/4	1,563.52	3/4	1,811.51	3/4	2,059.62	3/4	2,307.75	3/4	2,555.84	3/4	2,803.88	3/4	3,051.94	3/4	3,300.00	3/4	3,548.06	3/4	
4	81.46	4	329.46	4	577.52	4	824.75	4	1,072.70	4	1,320.69	4	1,568.68	4	1,816.67	4	2,064.79	4	2,312.92	4	2,561.01	4	2,809.05	4	3,057.11	4	3,305.17	4	3,553.23	4	
1/4	86.62	1/4	334.63	1/4	582.67	1/4	829.92	1/4	1,077.86	1/4	1,325.86	1/4	1,573.85	1/4	1,821.84	1/4	2,069.96	1/4	2,318.09	1/4	2,566.17	1/4	2,814.22	1/4	3,062.28	1/4	3,310.34	1/4	3,558.40	1/4	
1/2	91.77	1/2	339.80	1/2	587.82	1/2	835.09	1/2	1,083.03	1/2	1,331.02	1/2	1,579.02	1/2	1,827.01	1/2	2,075.13	1/2	2,323.26	1/2	2,571.34	1/2	2,819.39	1/2	3,067.45	1/2	3,315.50	1/2	3,563.56	1/2	
3/4	96.92	3/4	344.96	3/4	592.96	3/4	840.25	3/4	1,088.20	3/4	1,336.19	3/4	1,584.18	3/4	1,832.17	3/4	2,080.29	3/4	2,328.43	3/4	2,576.51	3/4	2,824.55	3/4	3,072.61	3/4	3,320.67	3/4	3,568.73	3/4	
5	102.07	5	350.13	5	598.11	5	845.42	5	1,093.36	5	1,341.36	5	1,589.35	5	1,837.34	5	2,085.46	5	2,333.60	5	2,581.67	5	2,829.72	5	3,077.78	5	3,325.84	5	3,573.90	5	
1/4	107.24	1/4	355.30	1/4	603.26	1/4	850.58	1/4	1,098.53	1/4	1,346.52	1/4	1,594.51	1/4	1,842.51	1/4	2,090.63	1/4	2,338.77	1/4	2,586.84	1/4	2,834.89	1/4	3,082.95	1/4	3,331.01	1/4	3,579.07	1/4	
1/2	112.41	1/2	360.47	1/2	608.41	1/2	855.75	1/2	1,103.70	1/2	1,351.69	1/2	1,599.68	1/2	1,847.67	1/2	2,095.80	1/2	2,343.94	1/2	2,592.01	1/2	2,840.06	1/2	3,088.12	1/2	3,336.18	1/2	3,584.24	1/2	
3/4	117.58	3/4	365.63	3/4	613.55	3/4	860.91	3/4	1,108.86	3/4	1,356.86	3/4	1,604.85	3/4	1,852.84	3/4	2,100.97	3/4	2,349.11	3/4	2,597.18	3/4	2,845.23	3/4	3,093.28	3/4	3,341.34	3/4	3,589.40	3/4	
6	122.75	6	370.80	6	618.70	6	866.08	6	1,114.03	6	1,362.02	6	1,610.01	6	1,858.01	6	2,106.14	6	2,354.28	6	2,602.34	6	2,850.39	6	3,098.45	6	3,346.51	6	3,594.57	6	
1/4	127.91	1/4	375.97	1/4	623.85	1/4	871.25	1/4	1,119.20	1/4	1,367.19	1/4	1,615.18	1/4	1,863.18	1/4	2,111.31	1/4	2,359.45	1/4	2,607.51	1/4	2,855.56	1/4	3,103.62	1/4	3,351.68	1/4	3,599.74	1/4	
1/2	133.08	1/2	381.14	1/2	629.00	1/2	876.41	1/2	1,124.36	1/2	1,372.36	1/2	1,620.35	1/2	1,868.35	1/2	2,116.48	1/2	2,364.62	1/2	2,612.68	1/2	2,860.73	1/2	3,108.79	1/2	3,356.85	1/2	3,604.91	1/2	
3/4	138.25	3/4	386.31	3/4	634.15	3/4	881.58	3/4	1,129.53	3/4	1,377.52	3/4	1,625.51	3/4	1,873.51	3/4	2,121.65	3/4	2,369.79	3/4	2,617.85	3/4	2,865.90	3/4	3,113.96	3/4	3,362.02	3/4	3,610.07	3/4	
7	143.42	7	391.48	7	639.29	7	886.74	7	1,134.70	7	1,382.69	7	1,630.68	7	1,878.68	7	2,126.82	7	2,374.96	7	2,623.01	7	2,871.07	7	3,119.12	7	3,367.18	7	3,615.24	7	
1/4	148.59	1/4	396.65	1/4	644.44	1/4	891.91	1/4	1,139.86	1/4	1,387.85	1/4	1,635.85	1/4	1,883.85	1/4	2,131.99	1/4	2,380.13	1/4	2,628.18	1/4	2,876.23	1/4	3,124.29	1/4	3,372.35	1/4	3,620.41	1/4	
1/2	153.75	1/2	401.82	1/2	649.59	1/2	897.07	1/2	1,145.03	1/2	1,393.02	1/2	1,641.01	1/2	1,889.02	1/2	2,137.16	1/2	2,385.30	1/2	2,633.35	1/2	2,881.40	1/2	3,129.46	1/2	3,377.52	1/2	3,625.58	1/2	
3/4	158.92	3/4	406.99	3/4	654.74	3/4	902.24	3/4	1,150.20	3/4	1,398.19	3/4	1,646.18	3/4	1,894.19	3/4	2,142.33	3/4	2,390.46	3/4	2,638.51	3/4	2,886.57	3/4	3,134.63	3/4	3,382.69	3/4	3,630.75	3/4	
8	164.09	8	412.16	8	659.88	8	907.41	8	1,155.36	8	1,403.35	8	1,651.35	8	1,899.36	8	2,147.50	8	2,395.63	8	2,643.68	8	2,891.74	8	3,139.80	8	3,387.86	8	3,635.91	8	
1/4	169.26	1/4	417.33	1/4	665.03	1/4	912.57	1/4	1,160.53	1/4	1,408.52	1/4	1,656.51	1/4	1,904.53	1/4	2,152.67	1/4	2,400.80	1/4	2,648.85	1/4	2,896.90	1/4	3,144.96	1/4	3,393.02	1/4	3,640.48	1/4	
1/2	174.43	1/2	422.50	1/2	670.18	1/2	917.74	1/2	1,165.70	1/2	1,413.69	1/2	1,661.68	1/2	1,909.70	1/2	2,157.84	1/2	2,405.97	1/2	2,654.02	1/2	2,902.07	1/2	3,150.13	1/2	3,398.19	1/2	3,645.04	1/2	
3/4	179.59	3/4	427.67	3/4	675.33	3/4	922.90	3/4	1,170.86	3/4	1,418.85	3/4	1,666.85	3/4	1,914.87	3/4	2,163.01	3/4	2,411.14	3/4	2,659.18	3/4	2,907.24	3/4	3,155.30	3/4	3,403.36	3/4	3,649.60	3/4	
9	184.76	9	432.84	9	680.47	9	928.07	9	1,176.03	9	1,424.02	9	1,672.01	9	1,920.04	9	2,168.18	9	2,416.31	9	2,664.35	9	2,912.41	9	3,160.47	9	3,408.53	9	3,654.16	9	
1																															

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR GAUGING WITH MMC GAUGE TAPE ONLY

CLOSED GAUGING  
GAUGE HEIGHT: 17'-3 1/4"

2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0	3,361.84	0	3,149.05	0	2,936.25	0	2,723.45	0	2,493.47	0	2,250.06	0	2,006.61	0	1,763.19	0	1,519.87	0	1,276.56	0	1,033.24	0	789.98	0	547.34	0	303.94	0	60.80
1/4		1/4	3,357.41	1/4	3,144.61	1/4	2,931.81	1/4	2,719.02	1/4	2,488.40	1/4	2,244.99	1/4	2,001.54	1/4	1,758.12	1/4	1,514.80	1/4	1,271.49	1/4	1,028.17	1/4	784.91	1/4	542.27	1/4	298.87	1/4	55.81
1/2		1/2	3,352.98	1/2	3,140.18	1/2	2,927.38	1/2	2,714.58	1/2	2,483.33	1/2	2,239.92	1/2	1,996.47	1/2	1,753.05	1/2	1,509.74	1/2	1,266.42	1/2	1,023.10	1/2	779.85	1/2	537.20	1/2	293.80	1/2	51.01
3/4		3/4	3,348.54	3/4	3,135.75	3/4	2,922.95	3/4	2,710.15	3/4	2,478.26	3/4	2,234.85	3/4	1,991.40	3/4	1,747.98	3/4	1,504.67	3/4	1,261.35	3/4	1,018.03	3/4	774.78	3/4	532.14	3/4	288.73	3/4	46.20
1		1	3,344.11	1	3,131.31	1	2,918.51	1	2,705.72	1	2,473.19	1	2,229.77	1	1,986.32	1	1,742.91	1	1,499.60	1	1,256.28	1	1,012.96	1	769.71	1	527.07	1	283.66	1	41.40
1/4		1/4	3,339.68	1/4	3,126.88	1/4	2,914.08	1/4	2,701.28	1/4	2,468.12	1/4	2,224.70	1/4	1,981.25	1/4	1,737.85	1/4	1,494.53	1/4	1,251.21	1/4	1,007.89	1/4	764.64	1/4	522.00	1/4	278.59	1/4	36.60
1/2		1/2	3,335.24	1/2	3,122.45	1/2	2,909.65	1/2	2,696.85	1/2	2,463.05	1/2	2,219.63	1/2	1,976.18	1/2	1,732.78	1/2	1,489.46	1/2	1,246.14	1/2	1,002.83	1/2	759.59	1/2	516.93	1/2	273.52	1/2	31.99
3/4		3/4	3,330.81	3/4	3,118.01	3/4	2,905.21	3/4	2,692.42	3/4	2,457.98	3/4	2,214.56	3/4	1,971.11	3/4	1,727.71	3/4	1,484.39	3/4	1,241.07	3/4	997.76	3/4	754.54	3/4	511.86	3/4	268.44	3/4	27.39
2		2	3,326.38	2	3,113.58	2	2,900.78	2	2,687.98	2	2,452.91	2	2,209.49	2	1,966.04	2	1,722.64	2	1,479.32	2	1,236.00	2	992.69	2	749.48	2	506.79	2	263.37	2	22.78
1/4	3,494.18	1/4	3,321.94	1/4	3,109.15	1/4	2,896.35	1/4	2,683.55	1/4	2,447.84	1/4	2,204.42	1/4	1,960.96	1/4	1,717.57	1/4	1,474.25	1/4	1,230.94	1/4	987.63	1/4	744.43	1/4	501.72	1/4	258.30	1/4	18.18
1/2	3,492.82	1/2	3,317.51	1/2	3,104.71	1/2	2,891.91	1/2	2,679.12	1/2	2,442.77	1/2	2,199.34	1/2	1,955.89	1/2	1,712.50	1/2	1,469.18	1/2	1,225.87	1/2	982.56	1/2	739.38	1/2	496.65	1/2	253.23	1/2	13.77
3/4	3,491.45	3/4	3,313.08	3/4	3,100.28	3/4	2,887.48	3/4	2,674.68	3/4	2,437.70	3/4	2,194.27	3/4	1,950.82	3/4	1,707.43	3/4	1,464.11	3/4	1,220.80	3/4	977.49	3/4	734.33	3/4	491.58	3/4	248.16	3/4	9.37
3		3	3,308.64	3	3,095.85	3	2,883.05	3	2,670.25	3	2,432.63	3	2,189.20	3	1,945.75	3	1,702.36	3	1,459.04	3	1,215.73	3	972.43	3	729.27	3	486.51	3	243.09	3	4.96
1/4	3,479.93	1/4	3,304.21	1/4	3,091.41	1/4	2,878.61	1/4	2,665.82	1/4	2,427.56	1/4	2,184.13	1/4	1,940.68	1/4	1,697.29	1/4	1,453.98	1/4	1,210.66	1/4	967.36	1/4	724.22	1/4	481.44	1/4	238.02	1/4	0.56
1/2	3,479.50	1/2	3,299.78	1/2	3,086.98	1/2	2,874.18	1/2	2,661.38	1/2	2,422.49	1/2	2,179.06	1/2	1,935.60	1/2	1,692.22	1/2	1,448.91	1/2	1,205.59	1/2	962.29	1/2	719.17	1/2	476.37	1/2	232.95	1/2	
3/4	3,479.08	3/4	3,295.34	3/4	3,082.55	3/4	2,869.75	3/4	2,656.95	3/4	2,417.42	3/4	2,173.98	3/4	1,930.53	3/4	1,687.15	3/4	1,443.84	3/4	1,200.52	3/4	957.22	3/4	714.12	3/4	471.30	3/4	227.88	3/4	
4		4	3,290.91	4	3,078.11	4	2,865.31	4	2,652.52	4	2,412.35	4	2,168.91	4	1,925.46	4	1,682.09	4	1,438.77	4	1,195.45	4	952.16	4	709.06	4	466.23	4	222.81	4	
1/4	3,478.23	1/4	3,286.48	1/4	3,073.68	1/4	2,860.88	1/4	2,648.08	1/4	2,407.28	1/4	2,163.84	1/4	1,920.39	1/4	1,677.02	1/4	1,433.70	1/4	1,190.38	1/4	947.09	1/4	704.01	1/4	461.16	1/4	217.74	1/4	
1/2	3,476.68	1/2	3,282.04	1/2	3,069.25	1/2	2,856.45	1/2	2,643.65	1/2	2,402.21	1/2	2,158.77	1/2	1,915.32	1/2	1,671.95	1/2	1,428.63	1/2	1,185.31	1/2	942.02	1/2	698.96	1/2	456.09	1/2	212.66	1/2	
3/4	3,475.13	3/4	3,277.61	3/4	3,064.81	3/4	2,852.01	3/4	2,639.22	3/4	2,397.14	3/4	2,153.70	3/4	1,910.24	3/4	1,666.88	3/4	1,423.56	3/4	1,180.24	3/4	936.96	3/4	693.91	3/4	451.02	3/4	207.59	3/4	
5		5	3,273.18	5	3,060.38	5	2,847.58	5	2,634.78	5	2,392.07	5	2,148.62	5	1,905.17	5	1,661.81	5	1,418.49	5	1,175.18	5	931.89	5	688.85	5	445.95	5	202.52	5	
1/4	3,472.03	1/4	3,268.74	1/4	3,055.95	1/4	2,843.15	1/4	2,630.35	1/4	2,387.00	1/4	2,143.55	1/4	1,900.10	1/4	1,656.74	1/4	1,413.42	1/4	1,170.11	1/4	926.82	1/4	683.80	1/4	440.88	1/4	197.45	1/4	
1/2	3,469.35	1/2	3,264.31	1/2	3,051.51	1/2	2,838.71	1/2	2,625.28	1/2	2,381.93	1/2	2,138.48	1/2	1,895.03	1/2	1,651.67	1/2	1,408.35	1/2	1,165.04	1/2	921.75	1/2	678.75	1/2	435.80	1/2	192.38	1/2	
3/4	3,466.67	3/4	3,259.88	3/4	3,047.08	3/4	2,834.28	3/4	2,620.21	3/4	2,376.86	3/4	2,133.41	3/4	1,889.96	3/4	1,646.60	3/4	1,403.28	3/4	1,159.97	3/4	916.68	3/4	673.70	3/4	430.73	3/4	187.31	3/4	
6		6	3,255.44	6	3,042.65	6	2,829.85	6	2,615.14	6	2,371.79	6	2,128.34	6	1,884.89	6	1,641.53	6	1,398.22	6	1,154.90	6	911.62	6	668.64	6	425.66	6	182.24	6	
1/4	3,461.31	1/4	3,251.01	1/4	3,038.21	1/4	2,825.41	1/4	2,610.07	1/4	2,366.72	1/4	2,123.26	1/4	1,879.81	1/4	1,636.46	1/4	1,393.15	1/4	1,149.83	1/4	906.55	1/4	663.59	1/4	420.59	1/4	177.17	1/4	
1/2	3,457.50	1/2	3,246.58	1/2	3,033.78	1/2	2,820.98	1/2	2,605.00	1/2	2,361.64	1/2	2,118.19	1/2	1,874.74	1/2	1,631.39	1/2	1,388.08	1/2	1,144.76	1/2	901.48	1/2	658.54	1/2	415.52	1/2	172.10	1/2	
3/4	3,453.69	3/4	3,242.14	3/4	3,029.35	3/4	2,816.55	3/4	2,599.93	3/4	2,356.57	3/4	2,113.12	3/4	1,869.67	3/4	1,626.32	3/4	1,383.01	3/4	1,139.69	3/4	896.41	3/4	653.49	3/4	410.44	3/4	167.03	3/4	
7		7	3,237.71	7	3,024.91	7	2,812.11	7	2,594.86	7	2,351.50	7	2,108.05	7	1,864.60	7	1,621.26	7	1,377.94	7	1,134.62	7	891.34	7	648.43	7	405.37	7	161.96	7	
1/4	3,446.08	1/4	3,233.28	1/4	3,020.48	1/4	2,807.68	1/4	2,589.79	1/4	2,346.43	1/4	2,102.98	1/4	1,859.53	1/4	1,616.19	1/4	1,372.87	1/4	1,129.55	1/4	886.28	1/4	643.38	1/4	400.30	1/4	156.88	1/4	
1/2	3,441.64	1/2	3,228.84	1/2	3,016.05	1/2	2,803.25	1/2	2,584.72	1/2	2,341.36	1/2	2,097.91	1/2	1,854.45	1/2	1,611.12	1/2	1,367.80	1/2	1,124.48	1/2	881.21	1/2	638.33	1/2	395.23	1/2	151.81	1/2	
3/4	3,437.21	3/4	3,224.41	3/4	3,011.61	3/4	2,798.81	3/4	2,579.65	3/4	2,336.28	3/4	2,092.83	3/4	1,849.38	3/4	1,606.05	3/4	1,362.73	3/4	1,119.42	3/4	876.14	3/4	633.28	3/4	390.16	3/4	146.74	3/4	
8		8	3,219.98	8	3,007.18	8	2,794.38	8	2,574.58	8	2,331.21	8	2,087.76	8	1,844.31	8	1,600.98	8	1,357.66	8	1,114.35	8	871.07	8	628.22	8	385.08	8	141.67	8	
1/4	3,428.34	1/4	3,215.54	1/4	3,002.75	1/																									



Caleb Brett

IB1035

HULL NO. C&C Marine # 98

Tank 2

ULLAGE TABLE

CLOSED GAUGING

GAUGE HEIGHT: 17'-3"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR GAUGING WITH MMC GAUGE TAPE ONLY

IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.
0		0	3,939.17	0	3,662.56	0	3,385.95	0	3,109.33	0	2,832.73	0	2,556.09	0	2,279.40	0	2,002.74	0	1,726.19	0	1,449.65	0	1,173.10	0	896.60	0	620.90	0	344.27	0	67.94
1/4		1/4	3,933.41	1/4	3,656.80	1/4	3,380.18	1/4	3,103.57	1/4	2,826.97	1/4	2,550.32	1/4	2,273.63	1/4	1,996.98	1/4	1,720.43	1/4	1,443.88	1/4	1,167.34	1/4	890.84	1/4	615.14	1/4	338.51	1/4	62.27
1/2		1/2	3,927.65	1/2	3,651.03	1/2	3,374.42	1/2	3,097.81	1/2	2,821.21	1/2	2,544.56	1/2	2,267.87	1/2	1,991.22	1/2	1,714.67	1/2	1,438.12	1/2	1,161.58	1/2	885.08	1/2	609.38	1/2	332.75	1/2	56.60
3/4		3/4	3,921.89	3/4	3,645.27	3/4	3,368.66	3/4	3,092.04	3/4	2,815.45	3/4	2,538.79	3/4	2,262.10	3/4	1,985.46	3/4	1,708.91	3/4	1,432.36	3/4	1,155.81	3/4	879.32	3/4	603.62	3/4	326.99	3/4	50.93
1		1	3,916.12	1	3,639.51	1	3,362.89	1	3,086.28	1	2,809.68	1	2,533.03	1	2,256.34	1	1,979.69	1	1,703.15	1	1,426.60	1	1,150.05	1	873.56	1	597.86	1	321.22	1	45.26
1/4		1/4	3,910.36	1/4	3,633.75	1/4	3,357.13	1/4	3,080.52	1/4	2,803.92	1/4	2,527.26	1/4	2,250.57	1/4	1,973.93	1/4	1,697.39	1/4	1,420.84	1/4	1,144.29	1/4	867.82	1/4	592.10	1/4	315.46	1/4	39.65
1/2		1/2	3,904.60	1/2	3,627.98	1/2	3,351.37	1/2	3,074.75	1/2	2,798.16	1/2	2,521.50	1/2	2,244.81	1/2	1,968.17	1/2	1,691.62	1/2	1,415.08	1/2	1,138.53	1/2	862.08	1/2	586.34	1/2	309.70	1/2	34.03
3/4		3/4	3,898.83	3/4	3,622.22	3/4	3,345.61	3/4	3,068.99	3/4	2,792.40	3/4	2,515.74	3/4	2,239.04	3/4	1,962.41	3/4	1,685.86	3/4	1,409.32	3/4	1,132.77	3/4	856.34	3/4	580.57	3/4	303.93	3/4	28.41
2	4,105.66	2	3,893.07	2	3,616.46	2	3,339.84	2	3,063.23	2	2,786.64	2	2,509.97	2	2,233.28	2	1,956.65	2	1,680.10	2	1,403.55	2	1,127.01	2	850.60	2	574.81	2	298.17	2	22.80
1/4	4,105.08	1/4	3,887.31	1/4	3,610.69	1/4	3,334.08	1/4	3,057.47	1/4	2,780.87	1/4	2,504.21	1/4	2,227.52	1/4	1,950.89	1/4	1,674.34	1/4	1,397.79	1/4	1,121.25	1/4	844.86	1/4	569.05	1/4	292.41	1/4	17.24
1/2	4,104.49	1/2	3,881.55	1/2	3,604.93	1/2	3,328.32	1/2	3,051.70	1/2	2,775.11	1/2	2,498.44	1/2	2,221.75	1/2	1,945.13	1/2	1,668.58	1/2	1,392.03	1/2	1,115.50	1/2	839.12	1/2	563.29	1/2	286.65	1/2	11.68
3/4	4,103.91	3/4	3,875.78	3/4	3,599.17	3/4	3,322.55	3/4	3,045.94	3/4	2,769.35	3/4	2,492.68	3/4	2,215.99	3/4	1,939.36	3/4	1,662.82	3/4	1,386.27	3/4	1,109.74	3/4	833.38	3/4	557.52	3/4	280.88	3/4	6.12
3	4,103.33	3	3,870.02	3	3,593.41	3	3,316.79	3	3,040.18	3	2,763.59	3	2,486.91	3	2,210.22	3	1,933.60	3	1,657.06	3	1,380.51	3	1,103.98	3	827.64	3	551.76	3	275.12	3	0.56
1/4	4,102.25	1/4	3,864.26	1/4	3,587.64	1/4	3,311.03	1/4	3,034.41	1/4	2,757.83	1/4	2,481.15	1/4	2,204.46	1/4	1,927.84	1/4	1,651.29	1/4	1,374.75	1/4	1,098.22	1/4	821.90	1/4	546.00	1/4	269.36	1/4	
1/2	4,101.17	1/2	3,858.50	1/2	3,581.88	1/2	3,305.27	1/2	3,028.65	1/2	2,752.06	1/2	2,475.38	1/2	2,198.69	1/2	1,922.08	1/2	1,645.53	1/2	1,368.99	1/2	1,092.46	1/2	816.16	1/2	540.23	1/2	263.59	1/2	
3/4	4,100.09	3/4	3,852.73	3/4	3,576.12	3/4	3,299.50	3/4	3,022.89	3/4	2,746.30	3/4	2,469.62	3/4	2,192.93	3/4	1,916.32	3/4	1,639.77	3/4	1,363.22	3/4	1,086.70	3/4	810.42	3/4	534.47	3/4	257.83	3/4	
4	4,099.01	4	3,846.97	4	3,570.36	4	3,293.74	4	3,017.13	4	2,740.54	4	2,463.86	4	2,187.16	4	1,910.56	4	1,634.01	4	1,357.46	4	1,080.94	4	804.68	4	528.71	4	252.07	4	
1/4	4,096.62	1/4	3,841.21	1/4	3,564.59	1/4	3,287.98	1/4	3,011.36	1/4	2,734.78	1/4	2,458.09	1/4	2,181.40	1/4	1,904.80	1/4	1,628.25	1/4	1,351.70	1/4	1,075.18	1/4	798.93	1/4	522.95	1/4	246.31	1/4	
1/2	4,094.22	1/2	3,835.44	1/2	3,558.83	1/2	3,282.22	1/2	3,005.60	1/2	2,729.01	1/2	2,452.33	1/2	2,175.64	1/2	1,899.03	1/2	1,622.49	1/2	1,345.94	1/2	1,069.42	1/2	793.19	1/2	517.18	1/2	240.54	1/2	
3/4	4,091.82	3/4	3,829.68	3/4	3,553.07	3/4	3,276.45	3/4	2,999.84	3/4	2,723.25	3/4	2,446.56	3/4	2,169.87	3/4	1,893.27	3/4	1,616.73	3/4	1,340.18	3/4	1,063.66	3/4	787.45	3/4	511.42	3/4	234.78	3/4	
5	4,089.43	5	3,823.92	5	3,547.30	5	3,270.69	5	2,994.08	5	2,717.49	5	2,440.80	5	2,164.11	5	1,887.51	5	1,610.96	5	1,334.42	5	1,057.90	5	781.71	5	505.66	5	229.02	5	
1/4	4,085.71	1/4	3,818.16	1/4	3,541.54	1/4	3,264.93	1/4	2,988.31	1/4	2,711.73	1/4	2,435.03	1/4	2,158.34	1/4	1,881.75	1/4	1,605.20	1/4	1,328.66	1/4	1,052.14	1/4	775.97	1/4	499.89	1/4	223.25	1/4	
1/2	4,082.00	1/2	3,812.39	1/2	3,535.78	1/2	3,259.16	1/2	2,982.55	1/2	2,705.96	1/2	2,429.27	1/2	2,152.58	1/2	1,875.99	1/2	1,599.44	1/2	1,322.89	1/2	1,046.38	1/2	770.23	1/2	494.13	1/2	217.49	1/2	
3/4	4,078.28	3/4	3,806.63	3/4	3,530.02	3/4	3,253.40	3/4	2,976.79	3/4	2,700.20	3/4	2,423.51	3/4	2,146.81	3/4	1,870.23	3/4	1,593.68	3/4	1,317.13	3/4	1,040.62	3/4	764.49	3/4	488.36	3/4	211.73	3/4	
6	4,074.57	6	3,800.87	6	3,524.25	6	3,247.64	6	2,971.03	6	2,694.43	6	2,417.74	6	2,141.05	6	1,864.47	6	1,587.92	6	1,311.37	6	1,034.86	6	758.75	6	482.60	6	205.97	6	
1/4	4,069.53	1/4	3,795.10	1/4	3,518.49	1/4	3,241.88	1/4	2,965.26	1/4	2,688.67	1/4	2,411.98	1/4	2,135.29	1/4	1,858.71	1/4	1,582.16	1/4	1,305.61	1/4	1,029.10	1/4	753.01	1/4	476.84	1/4	200.20	1/4	
1/2	4,064.50	1/2	3,789.34	1/2	3,512.73	1/2	3,236.11	1/2	2,959.50	1/2	2,682.90	1/2	2,406.21	1/2	2,129.52	1/2	1,852.94	1/2	1,576.40	1/2	1,299.85	1/2	1,023.34	1/2	747.27	1/2	471.07	1/2	194.44	1/2	
3/4	4,059.46	3/4	3,783.58	3/4	3,506.96	3/4	3,230.35	3/4	2,953.74	3/4	2,677.14	3/4	2,400.45	3/4	2,123.76	3/4	1,847.18	3/4	1,570.64	3/4	1,294.09	3/4	1,017.58	3/4	741.53	3/4	465.31	3/4	188.68	3/4	
7	4,054.43	7	3,777.82	7	3,501.20	7	3,224.59	7	2,947.98	7	2,671.37	7	2,394.68	7	2,117.99	7	1,841.42	7	1,564.87	7	1,288.33	7	1,011.81	7	735.79	7	459.54	7	182.92	7	
1/4	4,048.67	1/4	3,772.05	1/4	3,495.44	1/4	3,218.82	1/4	2,942.22	1/4	2,665.61	1/4	2,388.92	1/4	2,112.23	1/4	1,835.66	1/4	1,559.11	1/4	1,282.57	1/4	1,006.05	1/4	730.05	1/4	453.78	1/4	177.15	1/4	
1/2	4,042.90	1/2	3,766.29	1/2	3,489.68	1/2	3,213.06	1/2	2,936.45	1/2	2,659.85	1/2	2,383.15	1/2	2,106.46	1/2	1,829.90	1/2	1,553.35	1/2	1,276.80	1/2	1,000.29	1/2	724.31	1/2	448.01	1/2	171.39	1/2	
3/4	4,037.14	3/4	3,760.53	3/4	3,483.91	3/4	3,207.30	3/4	2,930.69	3/4	2,654.08	3/4	2,377.39	3/4	2,100.70	3/4	1,824.14	3/4	1,547.59	3/4	1,271.04	3/4	994.53	3/4	718.57	3/4	442.25	3/4	165.63	3/4	
8	4,031.38	8	3,754.76	8	3,478.15	8	3,201.54	8	2,924.93	8	2,648.32	8	2,371.63	8	2,094.93	8	1,818.38	8	1,541.83	8	1,265.28	8	988.77	8	712.83	8	436.48	8	159.86	8	
1/4	4,025.62	1/4	3,749.00	1/4	3,472.39	1/4	3,195.77	1/4	2,919.17	1/4	2,642.55	1/4	2,365.86	1/4	2,089.17	1/4	1,812.61	1/4	1,536.07	1/4	1,259.52	1/4	983.01	1/4	707.09	1/4	430.72	1/4	154.10	1/4	
1/2	4,019.85	1/2	3,743.24	1/2	3,466.62	1/2	3,190.01	1/2	2,913.40	1/2	2,636.79	1/2	2,360.10	1/2	2,083.41	1/2	1,806.85	1/2	1,530.31	1/2	1,253.76	1/2	977.25	1/2	701.35	1/2	424.96	1/2	148.34	1/2	
3/4	4,014.09	3/4	3,737.48	3/4	3,460.86	3/4	3,184.25	3/4	2,907.64	3/4	2,631.02	3/4	2,354.33	3/4	2,077.64	3/4	1,801.09	3/4	1,524.54	3/4	1,248.00	3/4	971.49	3/4	695.61	3/4	419.19	3/4	142.58	3/4	
9	4,008.33	9	3,731.71	9	3,455.10	9	3,178.48	9	2,901.88	9	2,625.26	9	2,348.57	9	2,071.88																



IB1035

HULL NO. C&C Marine # 98

**Tank 3**  
ULLAGE TABLE  
CLOSED GAUGING  
GAUGE HEIGHT: 17'-3 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR GAUGING WITH MMC GAUGE TAPE ONLY

IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.
0		0	3,542.89	0	3,294.83	0	3,046.77	0	2,798.71	0	2,550.67	0	2,302.58	0	2,054.45	0	1,806.34	0	1,558.35	0	1,310.36	0	1,062.37	0	814.42	0	567.19	0	319.12	0	71.23
1/4		1/4	3,537.72	1/4	3,289.66	1/4	3,041.61	1/4	2,793.55	1/4	2,545.50	1/4	2,297.41	1/4	2,049.28	1/4	1,801.17	1/4	1,553.18	1/4	1,305.19	1/4	1,057.20	1/4	809.26	1/4	562.03	1/4	313.96	1/4	66.11
1/2		1/2	3,532.56	1/2	3,284.50	1/2	3,036.44	1/2	2,788.38	1/2	2,540.34	1/2	2,292.24	1/2	2,044.11	1/2	1,796.01	1/2	1,548.02	1/2	1,300.02	1/2	1,052.03	1/2	804.09	1/2	556.86	1/2	308.79	1/2	60.99
3/4		3/4	3,527.39	3/4	3,279.33	3/4	3,031.27	3/4	2,783.21	3/4	2,535.17	3/4	2,287.07	3/4	2,038.94	3/4	1,790.84	3/4	1,542.85	3/4	1,294.86	3/4	1,046.87	3/4	798.93	3/4	551.70	3/4	303.62	3/4	55.90
1		1	3,522.22	1	3,274.16	1	3,026.10	1	2,778.04	1	2,530.00	1	2,281.91	1	2,033.77	1	1,785.68	1	1,537.68	1	1,289.69	1	1,041.70	1	793.76	1	546.53	1	298.45	1	50.82
1/4		1/4	3,517.05	1/4	3,268.99	1/4	3,020.93	1/4	2,772.87	1/4	2,524.83	1/4	2,276.74	1/4	2,028.60	1/4	1,780.51	1/4	1,532.52	1/4	1,284.52	1/4	1,036.53	1/4	788.59	1/4	541.36	1/4	293.29	1/4	45.73
1/2		1/2	3,511.88	1/2	3,263.83	1/2	3,015.77	1/2	2,767.71	1/2	2,519.67	1/2	2,271.57	1/2	2,023.43	1/2	1,775.34	1/2	1,527.35	1/2	1,279.36	1/2	1,031.37	1/2	783.43	1/2	536.20	1/2	288.12	1/2	40.65
3/4		3/4	3,506.72	3/4	3,258.66	3/4	3,010.60	3/4	2,762.54	3/4	2,514.50	3/4	2,266.40	3/4	2,018.26	3/4	1,770.18	3/4	1,522.18	3/4	1,274.19	3/4	1,026.20	3/4	778.28	3/4	531.03	3/4	282.95	3/4	35.61
2		2	3,501.55	2	3,253.49	2	3,005.43	2	2,757.37	2	2,509.33	2	2,261.23	2	2,013.09	2	1,765.01	2	1,517.02	2	1,269.03	2	1,021.04	2	773.13	2	525.86	2	277.78	2	30.58
1/4		1/4	3,496.38	1/4	3,248.32	1/4	3,000.26	1/4	2,752.20	1/4	2,504.17	1/4	2,256.06	1/4	2,007.92	1/4	1,759.84	1/4	1,511.85	1/4	1,263.86	1/4	1,015.87	1/4	767.99	1/4	520.70	1/4	272.62	1/4	25.54
1/2	3,684.65	1/2	3,491.21	1/2	3,243.15	1/2	2,995.09	1/2	2,747.04	1/2	2,499.00	1/2	2,250.89	1/2	2,002.75	1/2	1,754.68	1/2	1,506.68	1/2	1,258.69	1/2	1,010.71	1/2	762.84	1/2	515.53	1/2	267.45	1/2	20.50
3/4	3,684.18	3/4	3,486.05	3/4	3,237.99	3/4	2,989.93	3/4	2,741.87	3/4	2,493.83	3/4	2,245.72	3/4	1,997.58	3/4	1,749.51	3/4	1,501.52	3/4	1,253.53	3/4	1,005.54	3/4	757.69	3/4	510.36	3/4	262.28	3/4	15.52
3	3,683.70	3	3,480.88	3	3,232.82	3	2,984.76	3	2,736.70	3	2,488.66	3	2,240.55	3	1,992.41	3	1,744.34	3	1,496.35	3	1,248.36	3	1,000.38	3	752.54	3	505.19	3	257.11	3	10.53
1/4	3,683.22	1/4	3,475.71	1/4	3,227.65	1/4	2,979.59	1/4	2,731.53	1/4	2,483.50	1/4	2,235.38	1/4	1,987.24	1/4	1,739.18	1/4	1,491.18	1/4	1,243.19	1/4	995.21	1/4	747.39	1/4	500.02	1/4	251.94	1/4	5.55
1/2	3,682.75	1/2	3,470.54	1/2	3,222.48	1/2	2,974.42	1/2	2,726.36	1/2	2,478.33	1/2	2,230.21	1/2	1,982.07	1/2	1,734.01	1/2	1,486.02	1/2	1,238.03	1/2	990.05	1/2	742.25	1/2	494.86	1/2	246.78	1/2	0.56
3/4	3,681.45	3/4	3,465.37	3/4	3,217.31	3/4	2,969.26	3/4	2,721.20	3/4	2,473.16	3/4	2,225.04	3/4	1,976.90	3/4	1,728.84	3/4	1,480.85	3/4	1,232.86	3/4	984.88	3/4	737.10	3/4	489.69	3/4	241.61	3/4	
4	3,680.16	4	3,460.21	4	3,212.15	4	2,964.09	4	2,716.03	4	2,467.99	4	2,219.87	4	1,971.74	4	1,723.68	4	1,475.69	4	1,227.69	4	979.72	4	731.95	4	484.52	4	236.44	4	
1/4	3,678.87	1/4	3,455.04	1/4	3,206.98	1/4	2,958.92	1/4	2,710.86	1/4	2,462.83	1/4	2,214.70	1/4	1,966.57	1/4	1,718.51	1/4	1,470.52	1/4	1,222.53	1/4	974.55	1/4	726.80	1/4	479.35	1/4	231.27	1/4	
1/2	3,677.57	1/2	3,449.87	1/2	3,201.81	1/2	2,953.75	1/2	2,705.69	1/2	2,457.66	1/2	2,209.53	1/2	1,961.40	1/2	1,713.34	1/2	1,465.35	1/2	1,217.36	1/2	969.39	1/2	721.66	1/2	474.19	1/2	226.11	1/2	
3/4	3,675.19	3/4	3,444.70	3/4	3,196.64	3/4	2,948.58	3/4	2,700.52	3/4	2,452.49	3/4	2,204.36	3/4	1,956.23	3/4	1,708.18	3/4	1,460.19	3/4	1,212.19	3/4	964.23	3/4	716.51	3/4	469.02	3/4	220.94	3/4	
5	3,672.81	5	3,439.53	5	3,191.47	5	2,943.42	5	2,695.36	5	2,447.32	5	2,199.19	5	1,951.06	5	1,703.01	5	1,455.02	5	1,207.03	5	959.06	5	711.36	5	463.85	5	215.77	5	
1/4	3,670.43	1/4	3,434.37	1/4	3,186.31	1/4	2,938.25	1/4	2,690.19	1/4	2,442.16	1/4	2,194.02	1/4	1,945.89	1/4	1,697.84	1/4	1,449.85	1/4	1,201.86	1/4	953.90	1/4	706.21	1/4	458.68	1/4	210.60	1/4	
1/2	3,668.04	1/2	3,429.20	1/2	3,181.14	1/2	2,933.08	1/2	2,685.02	1/2	2,436.99	1/2	2,188.85	1/2	1,940.72	1/2	1,692.68	1/2	1,443.69	1/2	1,196.69	1/2	948.73	1/2	701.07	1/2	453.51	1/2	205.43	1/2	
3/4	3,666.57	3/4	3,424.03	3/4	3,175.97	3/4	2,927.91	3/4	2,679.85	3/4	2,431.82	3/4	2,183.68	3/4	1,935.55	3/4	1,687.51	3/4	1,439.52	3/4	1,191.53	3/4	943.57	3/4	695.92	3/4	448.34	3/4	200.27	3/4	
6	3,661.10	6	3,418.86	6	3,170.80	6	2,922.74	6	2,674.69	6	2,426.65	6	2,178.52	6	1,930.38	6	1,682.35	6	1,434.35	6	1,186.36	6	938.40	6	690.77	6	443.17	6	195.10	6	
1/4	3,657.63	1/4	3,413.69	1/4	3,165.64	1/4	2,917.58	1/4	2,669.52	1/4	2,421.48	1/4	2,173.35	1/4	1,925.21	1/4	1,677.18	1/4	1,429.19	1/4	1,181.19	1/4	933.23	1/4	685.62	1/4	438.00	1/4	189.93	1/4	
1/2	3,654.16	1/2	3,408.53	1/2	3,160.47	1/2	2,912.41	1/2	2,664.35	1/2	2,416.31	1/2	2,168.18	1/2	1,920.04	1/2	1,672.01	1/2	1,424.02	1/2	1,176.03	1/2	928.07	1/2	680.47	1/2	432.84	1/2	184.76	1/2	
3/4	3,649.60	3/4	3,403.36	3/4	3,155.30	3/4	2,907.24	3/4	2,659.18	3/4	2,411.14	3/4	2,163.01	3/4	1,914.87	3/4	1,666.85	3/4	1,418.85	3/4	1,170.86	3/4	922.90	3/4	675.33	3/4	427.67	3/4	179.59	3/4	
7	3,645.04	7	3,398.19	7	3,150.13	7	2,902.07	7	2,654.02	7	2,405.97	7	2,157.84	7	1,909.70	7	1,661.68	7	1,413.69	7	1,165.70	7	917.74	7	670.18	7	422.50	7	174.43	7	
1/4	3,640.48	1/4	3,393.02	1/4	3,144.96	1/4	2,896.90	1/4	2,648.85	1/4	2,400.80	1/4	2,152.67	1/4	1,904.53	1/4	1,656.51	1/4	1,408.52	1/4	1,160.53	1/4	912.57	1/4	665.03	1/4	417.33	1/4	169.26	1/4	
1/2	3,635.91	1/2	3,387.86	1/2	3,139.80	1/2	2,891.74	1/2	2,643.68	1/2	2,395.63	1/2	2,147.50	1/2	1,899.36	1/2	1,651.35	1/2	1,403.35	1/2	1,155.36	1/2	907.41	1/2	659.88	1/2	412.16	1/2	164.09	1/2	
3/4	3,630.75	3/4	3,382.69	3/4	3,134.63	3/4	2,886.57	3/4	2,638.51	3/4	2,390.46	3/4	2,142.33	3/4	1,894.19	3/4	1,646.18	3/4	1,398.19	3/4	1,150.20	3/4	902.24	3/4	654.74	3/4	406.99	3/4	158.92	3/4	
8	3,625.58	8	3,377.52	8	3,129.46	8	2,881.40	8	2,633.35	8	2,385.30	8	2,137.16	8	1,889.02	8	1,641.01	8	1,393.02	8	1,145.03	8	897.07	8	649.59	8	401.82	8	153.75	8	
1/4	3,620.41	1/4	3,372.35	1/4	3,124.29	1/4	2,876.23	1/4	2,628.18	1/4	2,380.13	1/4	2,131.99	1/4	1,883.85	1/4	1,635.85	1/4	1,387.85	1/4	1,139.86	1/4	891.91	1/4	644.44	1/4	396.65	1/4	148.59	1/4	
1/2	3,615.24	1/2	3,367.18	1/2	3,119.12	1/2	2,871.07	1/2	2,623.01	1/2	2,374.96	1/2	2,126.82	1/2	1,878.68	1/2	1,630.68	1/2	1,382.69	1/2	1,134.70	1/2	886.74	1/2	639.29	1/2	391.48	1/2	143.42	1/2	
3/4	3,610.07	3/4	3,362.02	3/4	3,113.96	3/4	2,865.90	3/4	2,617.85	3/4	2,369.79	3/4	2,121.65	3/4	1,873.51	3/4	1,625.51	3/4	1,377.52	3/4	1,129.53	3/4	881.58	3/4	634.15	3/4	386.31	3/4	138.25	3/4	
9	3,604.91	9	3,356.85	9	3,108.79	9	2,860.73	9	2,612.68	9	2,364.62	9	2,116.48	9	1,868.35	9	1,620.35	9	1,372.36	9	1,124.36	9	876.41	9	629.00	9	381.14	9	133.08	9	

**Intertek Caleb Brett  
Incremental Factor Sheet**

**IB1035**

BARGE:  
HULL NO. 98

Fore Rake

TANK NO. 1

Gauge Height: 16' 2 3/4"

Given In: BARRELS Per: 1/4 Inch

**INNAGE TABLE**

Dated 04/25/08

Line #	Gauge From	Gauge To	Number of Increments	Incremental Factor	Total BARRELS
1		0'- 0	1	0.5592	0.5592
2	0'- 0	0'- 1	4	4.4051	18.1796
3	0'- 1	0'- 2	4	4.6044	36.5972
4	0'- 2	0'- 3	4	4.8036	55.8116
5	0'- 3	0'- 4	4	4.9867	75.7584
6	0'- 4	0'- 4 1/4	1	5.0555	80.8139
7	0'- 4 1/4	0'- 6	7	5.0719	116.3172
8	0'- 6	1'- 0	24	5.0709	238.0188
9	1'- 0	1'- 6	24	5.0709	359.7204
10	1'- 6	1'- 8	8	5.0725	400.3004
11	1'- 8	1'- 10	8	5.0719	440.8756
12	1'- 10	2'- 2	16	5.0703	522.0004
13	2'- 2	2'- 4	8	5.0677	562.5420
14	2'- 4	3'- 2	40	5.0525	764.6420
15	3'- 2	3'- 10	32	5.0681	926.8212
16	3'- 10	4'- 0	8	5.0671	967.3580
17	4'- 0	4'- 2	8	5.0671	1007.8948
18	4'- 2	7'- 6	160	5.0691	1818.9508
19	7'- 6	9'- 10	112	5.0719	2387.0036
20	9'- 10	10'- 10	48	5.0697	2630.3492
21	10'- 10	14'- 8	184	4.4333	3446.0764
22	14'- 8	14'- 9	4	3.8080	3461.3084
23	14'- 9	14'- 10	4	2.6797	3472.0272
24	14'- 10	14'- 11	4	1.5515	3478.2332
25	14'- 11	15'- 0	4	0.4234	3479.9268

**Intertek Caleb Brett  
Incremental Factor Sheet**

**IB1035**

BARGE:  
HULL NO. 98

TANK NO. 2

Given In: BARRELS Per: 1/4 Inch

Gauge Height: 16' 2 1/2"

**INNAGE TABLE**

Dated 04/25/08

Line #	Gauge From	Gauge To	Number of Increments	Incremental Factor	Total BARRELS
1		0'- 0	1	0.5604	0.5604
2	0'- 0	0'- 1	4	5.5597	22.7992
3	0'- 1	0'- 2	4	5.6154	45.2608
4	0'- 2	0'- 3	4	5.6709	67.9444
5	0'- 3	0'- 4	4	5.7081	90.7768
6	0'- 4	0'- 5	4	5.7452	113.7576
7	0'- 5	0'- 6	4	5.7638	136.8128
8	0'- 6	1'- 0	24	5.7628	275.1200
9	1'- 0	1'- 6	24	5.7628	413.4272
10	1'- 6	1'- 10	16	5.7644	505.6576
11	1'- 10	2'- 2	16	5.7628	597.8624
12	2'- 2	2'- 4	8	5.7602	643.9440
13	2'- 4	3'- 2	40	5.7404	873.5600
14	3'- 2	3'- 10	32	5.7606	1057.8992
15	3'- 10	4'- 0	8	5.7596	1103.9760
16	4'- 0	4'- 2	8	5.7596	1150.0528
17	4'- 2	7'- 6	160	5.7614	2071.8768
18	7'- 6	9'- 10	112	5.7644	2717.4896
19	9'- 10	10'- 10	48	5.7622	2994.0752
20	10'- 10	14'- 8	184	5.7628	4054.4304
21	14'- 8	14'- 9	4	5.0338	4074.5656
22	14'- 9	14'- 10	4	3.7153	4089.4268
23	14'- 10	14'- 11	4	2.3968	4099.0140
24	14'- 11	15'- 0	4	1.0781	4103.3264
25	15'- 0	15'- 1	4	0.5837	4105.6612

**Intertek Caleb Brett**  
**Incremental Factor Sheet**

**IB1035**

BARGE:  
HULL NO. 98

TANK NO. 3

Given In: BARRELS Per: 1/4 Inch

Gauge Height: 16' 3"

**INNAGE TABLE**

Dated 04/25/08

Line #	Gauge From	Gauge To	Number of Increments	Incremental Factor	Total BARRELS
1	0'- 0	0'- 0	1	0.5614	0.5614
2	0'- 0	0'- 1	4	4.9857	20.5042
3	0'- 1	0'- 2	4	5.0357	40.6470
4	0'- 2	0'- 3	4	5.0854	60.9886
5	0'- 3	0'- 4	4	5.1188	81.4638
6	0'- 4	0'- 5	4	5.1521	102.0722
7	0'- 5	0'- 6	4	5.1687	122.7470
8	0'- 6	1'- 0	24	5.1679	246.7766
10	1'- 0	1'- 6	24	5.1677	370.8014
11	1'- 6	1'- 10	16	5.1695	453.5134
12	1'- 10	2'- 2	16	5.1679	536.1998
13	2'- 2	2'- 4	8	5.1651	577.5206
14	2'- 4	3'- 2	40	5.1477	783.4286
15	3'- 2	3'- 10	32	5.1657	948.7310
16	3'- 10	4'- 0	8	5.1647	990.0486
17	4'- 0	4'- 2	8	5.1647	1031.3662
18	4'- 2	7'- 6	160	5.1665	1858.0062
19	7'- 6	9'- 10	112	5.1695	2436.9902
20	9'- 10	10'- 10	48	5.1673	2685.0206
21	10'- 10	14'- 8	184	5.1679	3635.9142
22	14'- 8	14'- 9	4	4.5609	3654.1578
23	14'- 9	14'- 10	4	3.4716	3668.0442
24	14'- 10	14'- 11	4	2.3825	3677.5742
25	14'- 11	15'- 0	4	1.2932	3682.7470
26	15'- 0	15'- 1	4	0.4762	3684.6518