



CAPACITIES IN U.S. BARRELS

FOR MANUAL GAUGING AT 10" GAUGE HATCH LOCATED ON DECK NEAR EXPANSION TRUNK

IN	8 FT	9 FT	10 FT	11 FT	12 FT	13 FT	14 FT	15 FT
0	1941.01	2233.92	2526.83	2818.93	3110.27	3402.51	3689.74	3972.19
1/4	1947.11	2240.02	2532.93	2825.00	3116.34	3408.54	3695.77	3977.03
1/2	1953.22	2246.13	2539.04	2831.06	3122.41	3414.56	3701.79	3981.70
3/4	1959.32	2252.23	2545.14	2837.13	3128.48	3420.59	3707.82	3986.20
1	1965.42	2258.33	2551.24	2843.20	3134.54	3426.61	3713.85	3990.53
1/4	1971.52	2264.43	2557.34	2849.27	3140.61	3432.64	3719.87	3994.69
1/2	1977.63	2270.54	2563.45	2855.34	3146.68	3438.66	3725.90	3998.68
3/4	1983.73	2276.64	2569.55	2861.41	3152.75	3444.69	3731.92	4002.50
2	1989.83	2282.74	2575.65	2867.48	3158.82	3450.72	3737.95	4006.16
1/4	1995.93	2288.84	2581.75	2873.55	3164.89	3456.74	3743.97	4009.64
1/2	2002.03	2294.95	2587.86	2879.62	3170.96	3462.77	3750.00	4012.95
3/4	2008.14	2301.05	2593.96	2885.69	3177.03	3468.79	3756.03	4016.09
1	2014.24	2307.15	2600.06	2891.75	3183.10	3474.82	3762.05	4019.06
1/4	2020.34	2313.25	2606.16	2897.83	3189.17	3480.84	3768.08	4021.87
1/2	2026.44	2319.35	2612.26	2903.90	3195.24	3486.87	3774.10	4024.50
3/4	2032.55	2325.46	2618.37	2909.97	3201.31	3492.90	3780.13	4026.94
4	2038.65	2331.56	2624.47	2916.04	3207.38	3498.92	3786.15	4029.26
1/4	2044.75	2337.66	2630.57	2922.11	3213.45	3504.95	3792.18	4031.38
1/2	2050.85	2343.76	2636.67	2928.18	3219.52	3510.97	3798.21	4033.34
3/4	2056.96	2349.87	2642.78	2934.25	3225.59	3516.00	3804.23	4035.13
5	2063.06	2355.97	2648.88	2940.32	3231.66	3521.02	3810.26	4036.74
1/4	2069.16	2362.07	2654.98	2946.39	3237.73	3527.05	3816.28	4038.19
1/2	2075.26	2368.17	2661.08	2952.46	3243.80	3533.07	3822.31	4039.47
3/4	2081.36	2374.28	2667.19	2958.53	3249.87	3539.10	3828.33	4040.57
6	2087.47	2380.38	2673.26	2964.60	3255.92	3545.13	3834.34	4041.61
1/4	2093.57	2386.48	2679.32	2970.67	3261.99	3551.16	3840.35	4042.58
1/2	2099.67	2392.58	2685.39	2976.74	3267.94	3557.18	3846.30	4042.88
3/4	2105.77	2398.68	2691.46	2982.80	3273.97	3563.20	3852.28	4043.31
7	2111.88	2404.79	2697.53	2988.87	3279.97	3569.23	3858.27	4043.57
1/4	2117.98	2410.89	2703.60	2994.94	3286.00	3575.25	3864.27	4043.65
1/2	2124.08	2416.98	2709.67	3001.01	3292.05	3581.28	3870.28	4043.57
3/4	2130.18	2423.09	2715.74	3007.08	3298.07	3587.31	3876.28	4043.18
8	2136.29	2429.20	2721.81	3013.15	3304.10	3593.33	3882.28	4042.61
1/4	2142.39	2435.30	2727.88	3019.22	3310.12	3599.36	3888.25	4041.85
1/2	2148.49	2441.40	2733.95	3025.29	3316.15	3605.38	3894.21	4040.93
3/4	2154.59	2447.50	2740.02	3031.36	3322.18	3611.41	3900.16	4039.86
9	2160.69	2453.60	2746.09	3037.43	3328.20	3617.43	3906.11	4038.64
1/4	2166.80	2459.71	2752.16	3043.50	3334.23	3623.46	3912.06	4037.27
1/2	2172.90	2465.81	2758.23	3049.57	3340.26	3629.49	3918.00	4035.74
3/4	2179.00	2471.91	2764.30	3055.64	3346.28	3635.51	3923.93	4034.06
10	2185.10	2478.01	2770.37	3061.71	3352.30	3641.54	3929.85	4032.24
1/4	2191.21	2484.12	2776.44	3067.78	3358.33	3647.56	3935.76	4030.28
1/2	2197.31	2490.22	2782.51	3073.85	3364.36	3653.59	3941.66	4028.18
3/4	2203.41	2496.32	2788.58	3079.92	3370.38	3659.61	3947.54	4025.94
11	2209.51	2502.42	2794.65	3085.99	3376.41	3665.64	3953.41	4023.56
1/4	2215.62	2508.53	2800.72	3092.06	3382.43	3671.67	3959.26	4021.04
1/2	2221.72	2514.63	2806.79	3098.13	3388.46	3677.69	3965.10	4018.38
3/4	2227.82	2520.73	2812.86	3104.20	3394.48	3683.72	3970.93	4015.58

NOTE: GAUGE POINT: TOP OF BALL VALVE OR 18 DEGREE TRIM  
 NOTE: GAUGE POINT LOCATED OFF CENTER OF TANK - APPLY TRIM CORRECTION WHEN NOT ON CENTER  
 REFERENCE GAUGE HEIGHT FROM: 17'2 1/4"  
 REFERENCE GAUGE HEIGHT STARBOARD: 17'2 1/2"

Calculated: JHF 3/8/75  
 Calculation: WHF 3/17/2006  
 Re-issued: AUGUST 6, 2006  
 F.O.T. Revised trim correction







**Intertek**  
Caleb Brett

CAPACITIES IN U.S. BARRELS

FOR MANUAL GAUGING AT 10" GAUGE HATCH LOCATED ON DECK NEAR EXPANSION TRUNK

**INNAGE TABLE**  
**TANK: 3 P/S**  
TANK NO. 05-2528

IN	8 FT	9 FT	10 FT	11 FT	12 FT	13 FT	14 FT	15 FT	16 FT
0	1848.04	2200.61	2352.94	2505.01	2657.09	2809.18	2961.27	3113.35	3265.44
1/4	1853.30	2205.87	2358.19	2510.26	2662.35	2814.43	2966.52	3118.60	3270.69
1/2	1858.56	2211.14	2363.44	2515.51	2667.60	2819.68	2971.77	3123.86	3275.95
3/4	1863.82	2216.40	2368.69	2520.76	2672.85	2824.94	2977.02	3129.11	3281.20
1	1869.08	2221.66	2373.94	2526.01	2678.10	2830.19	2982.27	3134.36	3286.45
1 1/4	1874.35	2226.92	2379.19	2531.27	2683.35	2835.44	2987.52	3139.61	3291.70
1 1/2	1879.61	2232.18	2384.44	2536.52	2688.60	2840.69	2992.77	3144.86	3296.95
1 3/4	1884.87	2237.45	2389.70	2541.77	2693.85	2845.94	2998.02	3150.11	3302.20
2	1890.13	2242.71	2394.95	2547.02	2699.10	2851.19	3003.27	3155.36	3307.45
1 1/4	1895.39	2247.97	2400.20	2552.27	2704.35	2856.44	3008.52	3160.61	3312.70
1 1/2	1900.66	2253.23	2405.45	2557.52	2709.60	2861.69	3013.77	3165.86	3317.95
1 3/4	1905.92	2258.49	2410.70	2562.77	2714.85	2866.94	3019.02	3171.11	3323.20
3	1911.18	2263.75	2415.95	2568.02	2720.10	2872.19	3024.27	3176.36	3328.45
1 1/4	1916.44	2269.01	2421.20	2573.27	2725.35	2877.44	3029.52	3181.61	3333.70
1 1/2	1921.70	2274.27	2426.45	2578.52	2730.60	2882.69	3034.77	3186.86	3338.95
1 3/4	1926.97	2279.52	2431.70	2583.77	2735.85	2887.94	3040.02	3192.11	3344.20
4	1932.23	2284.78	2436.95	2589.02	2741.10	2893.19	3045.27	3197.36	3349.45
1 1/4	1937.49	2290.04	2442.20	2594.27	2746.35	2898.44	3050.52	3202.61	3354.70
1 1/2	1942.75	2295.29	2447.45	2599.52	2751.60	2903.69	3055.77	3207.86	3359.95
1 3/4	1948.01	2300.55	2452.70	2604.77	2756.85	2908.94	3061.02	3213.11	3365.20
5	1953.28	2305.81	2457.95	2610.02	2762.10	2914.19	3066.27	3218.36	3370.45
1 1/4	1958.54	2311.07	2463.20	2615.27	2767.35	2919.44	3071.52	3223.61	3375.70
1 1/2	1963.80	2316.33	2468.45	2620.52	2772.60	2924.69	3076.77	3228.86	3380.95
1 3/4	1969.06	2321.59	2473.70	2625.77	2777.85	2929.94	3082.02	3234.11	3386.20
6	1974.32	2326.85	2478.95	2631.02	2783.10	2935.19	3087.27	3239.36	3391.45
1 1/4	1979.59	2332.11	2484.20	2636.27	2788.35	2940.44	3092.52	3244.61	3396.70
1 1/2	1984.85	2337.37	2489.45	2641.52	2793.60	2945.69	3097.77	3249.86	3401.95
1 3/4	1990.11	2342.63	2494.70	2646.77	2798.85	2950.94	3103.02	3255.11	3407.20
7	1995.37	2347.89	2499.95	2652.02	2804.10	2956.19	3108.27	3260.36	3412.45
1 1/4	2000.63	2353.15	2505.20	2657.27	2809.35	2961.44	3113.52	3265.61	3417.70
1 1/2	2005.90	2358.41	2510.45	2662.52	2814.60	2966.69	3118.77	3270.86	3422.95
1 3/4	2011.16	2363.67	2515.70	2667.77	2819.85	2971.94	3124.02	3276.11	3428.20
8	2016.42	2368.93	2520.95	2673.02	2825.10	2977.19	3129.27	3281.36	3433.45
1 1/4	2021.68	2374.19	2526.20	2678.27	2830.35	2982.44	3134.52	3286.61	3438.70
1 1/2	2026.94	2379.45	2531.45	2683.52	2835.60	2987.69	3139.77	3291.86	3443.95
1 3/4	2032.21	2384.71	2536.70	2688.77	2840.85	2992.94	3145.02	3297.11	3449.20
9	2037.47	2389.97	2541.95	2694.02	2846.10	2998.19	3150.27	3302.36	3454.45
1 1/4	2042.73	2395.23	2547.20	2699.27	2851.35	3003.44	3155.52	3307.70	3459.70
1 1/2	2047.99	2400.49	2552.45	2704.52	2856.60	3008.69	3160.77	3312.95	3464.95
1 3/4	2053.25	2405.75	2557.70	2709.77	2861.85	3013.94	3166.02	3318.20	3470.20
10	2058.52	2411.01	2562.95	2715.02	2867.10	3019.19	3171.27	3323.45	3475.45
1 1/4	2063.78	2416.27	2568.20	2720.27	2872.35	3024.44	3176.52	3328.70	3480.70
1 1/2	2069.04	2421.53	2573.45	2725.52	2877.60	3029.69	3181.77	3333.95	3485.95
1 3/4	2074.30	2426.79	2578.70	2730.77	2882.85	3034.94	3187.02	3339.20	3491.20
11	2079.56	2432.05	2583.95	2736.02	2888.10	3040.19	3192.27	3344.45	3496.45
1 1/4	2084.83	2437.31	2589.20	2741.27	2893.35	3045.44	3197.52	3349.70	3501.70
1 1/2	2090.09	2442.57	2594.45	2746.52	2898.60	3050.69	3202.77	3354.95	3506.95
1 3/4	2095.35	2447.83	2599.70	2751.77	2903.85	3055.94	3208.02	3360.20	3512.20

NOTE: GAUGE POINT IS TO TOP OF BALL VALVE ON 1.5" DUCK PIPE.  
NOTE: GAUGE POINT IS TO TOP OF BALL VALVE ON 1.5" DUCK PIPE.  
NOTE: GAUGE POINT IS TO TOP OF BALL VALVE ON 1.5" DUCK PIPE.  
REFERENCE GAUGE HEIGHT: 57.99 INCHES @ 17.2

Calibrated: JF 3/8/28  
Calculations: WMF 1/24/2008  
Responsible: August 6, 2008  
For: Standard tank correction

TEMP CORRECTION	1 1/8	5/8	0	-1/8	-3/8	-5/8	-1 1/8	-1 3/4	-2 1/4	-2 3/4	-3 1/4	-4 1/8	-4 5/8	-5 1/4	-5 7/8	-6 1/4	-6 7/8
TEMP CORRECTION	1 1/8	5/8	0	-1/8	-3/8	-5/8	-1 1/8	-1 3/4	-2 1/4	-2 3/4	-3 1/4	-4 1/8	-4 5/8	-5 1/4	-5 7/8	-6 1/4	-6 7/8



**BARGE GRIFCO 3812**

**INNAGE TABLE**  
**TANK: 4 P/S**

CAPACITIES IN U.S. BARRELS

FOR MANUAL GAGGING AT TOP GAUGE HATCH LOCATED ON DECK WEAR EXPANSION TANK

HULL No. 05-2535

IN	8 FT	9 FT	10 FT	11 FT	12 FT	13 FT	14 FT	15 FT
0	1849.58	2102.37	2354.91	2607.19	2859.49	3111.78	3364.08	3616.31
1/4	1864.86	2107.64	2360.16	2612.45	2864.74	3117.04	3369.34	3621.54
1/2	1866.12	2112.90	2365.42	2617.70	2870.00	3122.30	3374.59	3626.79
3/4	1866.38	2118.17	2370.68	2622.96	2875.26	3127.55	3379.85	3632.04
1	1870.65	2123.44	2375.93	2628.21	2880.51	3132.81	3385.11	3637.29
1 1/4	1875.92	2128.70	2381.19	2633.47	2885.77	3138.07	3390.36	3642.54
1 1/2	1881.18	2133.97	2386.44	2638.73	2891.02	3143.32	3395.62	3647.79
1 3/4	1886.45	2139.24	2391.70	2643.98	2896.28	3148.58	3400.88	3653.04
2	1891.72	2144.50	2396.95	2649.24	2901.54	3153.83	3406.13	3658.29
2 1/4	1896.98	2149.77	2402.21	2654.50	2906.79	3159.09	3411.39	3663.54
2 1/2	1902.25	2155.04	2407.47	2659.75	2912.05	3164.35	3416.64	3668.79
2 3/4	1907.52	2160.30	2412.72	2665.01	2917.31	3169.60	3421.90	3674.04
3	1912.78	2165.57	2417.98	2670.26	2922.56	3174.86	3427.16	3679.29
3 1/4	1918.05	2170.84	2423.23	2675.52	2927.82	3180.12	3432.41	3684.54
3 1/2	1923.31	2176.10	2428.49	2680.78	2933.07	3185.37	3437.67	3689.79
3 3/4	1928.58	2181.37	2433.75	2686.03	2938.33	3190.63	3442.93	3695.04
4	1933.85	2186.63	2439.00	2691.29	2943.59	3195.88	3448.18	3700.29
4 1/4	1939.11	2191.90	2444.26	2696.55	2948.84	3201.14	3453.44	3705.54
4 1/2	1944.38	2197.17	2449.51	2701.80	2954.10	3206.40	3458.69	3710.79
4 3/4	1949.65	2202.43	2454.77	2707.06	2959.36	3211.65	3463.95	3716.04
5	1954.91	2207.70	2460.03	2712.31	2964.61	3216.91	3469.21	3721.29
5 1/4	1960.18	2212.97	2465.28	2717.57	2969.87	3222.17	3474.46	3726.54
5 1/2	1965.45	2218.23	2470.54	2722.83	2975.12	3227.42	3479.72	3731.79
5 3/4	1970.71	2223.50	2475.79	2728.08	2980.38	3232.68	3484.98	3737.04
6	1975.98	2228.77	2481.05	2733.34	2985.64	3237.93	3490.23	3742.29
6 1/4	1981.24	2234.02	2486.30	2738.59	2990.89	3243.19	3495.49	3747.54
6 1/2	1986.51	2239.28	2491.56	2743.85	2996.15	3248.45	3500.74	3752.79
6 3/4	1991.78	2244.53	2496.82	2749.11	3001.40	3253.70	3506.00	3758.04
7	1997.04	2249.79	2502.07	2754.36	3006.66	3258.96	3511.26	3763.29
7 1/4	2002.31	2255.05	2507.33	2759.62	3011.92	3264.21	3516.51	3768.54
7 1/2	2007.58	2260.30	2512.58	2764.88	3017.17	3269.47	3521.77	3773.79
7 3/4	2012.84	2265.56	2517.84	2770.13	3022.43	3274.73	3527.02	3779.04
8	2018.11	2270.81	2523.10	2775.39	3027.69	3279.98	3532.28	3784.29
8 1/4	2023.38	2276.07	2528.35	2780.64	3032.94	3285.24	3537.54	3789.54
8 1/2	2028.64	2281.32	2533.61	2785.90	3038.20	3290.50	3542.79	3794.79
8 3/4	2033.91	2286.58	2538.86	2791.16	3043.46	3295.76	3548.05	3800.04
9	2039.18	2291.84	2544.12	2796.41	3048.71	3301.01	3553.31	3805.29
9 1/4	2044.44	2297.09	2549.38	2801.67	3053.97	3306.26	3558.56	3810.54
9 1/2	2049.71	2302.35	2554.64	2806.93	3059.22	3311.52	3563.82	3815.79
9 3/4	2054.97	2307.60	2559.89	2812.18	3064.48	3316.78	3569.07	3821.04
10	2060.24	2312.86	2565.14	2817.44	3069.74	3322.03	3574.33	3826.29
10 1/4	2065.51	2318.12	2570.40	2822.69	3074.99	3327.29	3579.59	3831.54
10 1/2	2070.77	2323.37	2575.66	2827.95	3080.25	3332.55	3584.84	3836.79
10 3/4	2076.04	2328.63	2580.91	2833.21	3085.50	3337.80	3590.09	3842.04
11	2081.31	2333.88	2586.17	2838.46	3090.76	3343.06	3595.35	3847.29
11 1/4	2086.57	2339.14	2591.42	2843.72	3096.02	3348.31	3600.60	3852.54
11 1/2	2091.84	2344.40	2596.66	2848.97	3101.27	3353.57	3605.86	3857.79
11 3/4	2097.11	2349.65	2601.93	2854.23	3106.53	3358.83	3611.11	3863.04

NOTE: GAUGE POINTS TO TOP OF BALL VALVES ON THE DISC DESCRIBED.  
NOTE: GAUGE POINT LOCATED AT CENTER OF TANK-APPROX TRIM CORRECTION WHEN NOT ON EVEN FEET.  
REFERENCE GAUGE HEIGHT STANDARD IS 17.136

Calibrated: \_\_\_\_\_  
Checked: \_\_\_\_\_  
Revised: \_\_\_\_\_

Wife: 1/31/2008  
Date: August 6, 2005  
Not Revised in trim correction

Trim Correction  
1 1/8  
6/8



**Intertek**  
Caleb Brett

**BARGE GRIFCO 3812**  
**INNAGE TABLE**  
**TANK: 5 P/S**

CAPACITIES IN U.S. BARRELS

FOR MANUAL GAUGING AT 1<sup>ST</sup> GAUGE HATCH LOCATED ON DECK NEAR EXPANSION TRUNK

HULL No. 06-2541

IN	0 FT		1 FT		2 FT		3 FT		4 FT		5 FT		6 FT		7 FT	
	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0.00	0	102.66	0	405.39	0	708.78	0	1072.81	0	1317.70	0	1622.72	0	1927.75	0
1/4	0.05	1/4	108.82	1/4	411.71	1/4	715.10	1/4	1019.15	1/4	1324.05	1/4	1629.07	1/4	1934.10	1/4
1/2	0.09	1/2	116.00	1/2	418.03	1/2	721.42	1/2	1025.50	1/2	1330.40	1/2	1635.43	1/2	1940.46	1/2
3/4	0.14	3/4	121.20	3/4	424.35	3/4	727.74	3/4	1031.84	3/4	1336.76	3/4	1641.78	3/4	1946.81	3/4
1	0.19	1	127.43	1	430.67	1	734.06	1	1038.18	1	1343.11	1	1648.14	1	1953.17	1
1/4	0.23	1/4	133.68	1/4	436.99	1/4	740.37	1/4	1044.52	1/4	1349.47	1/4	1654.49	1/4	1959.52	1/4
1/2	0.28	1/2	139.95	1/2	443.31	1/2	746.66	1/2	1050.86	1/2	1355.82	1/2	1660.84	1/2	1965.86	1/2
3/4	0.33	3/4	146.25	3/4	449.63	3/4	752.99	3/4	1057.20	3/4	1362.18	3/4	1667.20	3/4	1972.23	3/4
2	0.37	2	152.57	2	455.95	2	759.30	2	1063.55	2	1368.53	2	1673.56	2	1978.59	2
1/4	0.42	1/4	158.89	1/4	462.27	1/4	765.61	1/4	1069.89	1/4	1374.89	1/4	1679.91	1/4	1984.94	1/4
1/2	0.47	1/2	165.21	1/2	468.59	1/2	771.92	1/2	1076.23	1/2	1381.24	1/2	1686.26	1/2	1991.31	1/2
3/4	0.51	3/4	171.53	3/4	474.92	3/4	778.23	3/4	1082.57	3/4	1387.60	3/4	1692.62	3/4	1997.65	3/4
3	0.56	3	177.85	3	481.24	3	784.54	3	1088.93	3	1393.95	3	1698.97	3	2004.01	3
1/4	0.61	1/4	184.17	1/4	487.56	1/4	790.85	1/4	1095.28	1/4	1400.31	1/4	1705.33	1/4	2010.36	1/4
1/2	0.65	1/2	190.49	1/2	493.88	1/2	797.16	1/2	1101.64	1/2	1406.66	1/2	1711.68	1/2	2016.72	1/2
3/4	0.70	3/4	196.81	3/4	500.20	3/4	803.48	3/4	1107.99	3/4	1413.02	3/4	1718.04	3/4	2023.07	3/4
4	0.75	4	203.13	4	506.52	4	809.83	4	1114.34	4	1419.37	4	1724.39	4	2029.43	4
1/4	0.79	1/4	209.45	1/4	512.84	1/4	816.18	1/4	1120.70	1/4	1425.72	1/4	1730.74	1/4	2035.78	1/4
1/2	0.84	1/2	215.77	1/2	519.16	1/2	822.54	1/2	1127.05	1/2	1432.08	1/2	1737.10	1/2	2042.14	1/2
3/4	0.89	3/4	222.09	3/4	525.48	3/4	828.90	3/4	1133.41	3/4	1438.43	3/4	1743.45	3/4	2048.49	3/4
5	0.93	5	228.41	5	531.80	5	835.25	5	1139.76	5	1444.79	5	1749.81	5	2054.85	5
1/4	0.98	1/4	234.73	1/4	538.12	1/4	841.59	1/4	1146.12	1/4	1451.14	1/4	1756.16	1/4	2061.20	1/4
1/2	1.03	1/2	241.05	1/2	544.44	1/2	847.94	1/2	1152.47	1/2	1457.50	1/2	1762.52	1/2	2067.56	1/2
3/4	1.07	3/4	247.37	3/4	550.76	3/4	854.28	3/4	1158.83	3/4	1463.85	3/4	1768.87	3/4	2073.91	3/4
6	1.12	6	253.69	6	557.08	6	860.62	6	1165.18	6	1470.21	6	1775.23	6	2080.27	6
1/4	1.16	1/4	260.01	1/4	563.40	1/4	866.96	1/4	1171.54	1/4	1476.56	1/4	1781.58	1/4	2086.62	1/4
1/2	1.21	1/2	266.34	1/2	569.72	1/2	873.30	1/2	1177.89	1/2	1482.92	1/2	1787.94	1/2	2092.98	1/2
3/4	1.25	3/4	272.66	3/4	576.04	3/4	879.64	3/4	1184.25	3/4	1489.27	3/4	1794.29	3/4	2099.33	3/4
7	1.29	7	278.98	7	582.37	7	885.99	7	1190.60	7	1495.63	7	1800.65	7	2105.69	7
1/4	1.34	1/4	285.30	1/4	588.69	1/4	892.33	1/4	1196.96	1/4	1501.98	1/4	1807.00	1/4	2112.04	1/4
1/2	1.39	1/2	291.62	1/2	595.01	1/2	898.67	1/2	1203.31	1/2	1508.34	1/2	1813.36	1/2	2118.40	1/2
3/4	1.43	3/4	297.94	3/4	601.33	3/4	905.01	3/4	1209.67	3/4	1514.69	3/4	1819.71	3/4	2124.75	3/4
8	1.48	8	304.26	8	607.65	8	911.36	8	1216.02	8	1521.05	8	1826.07	8	2131.11	8
1/4	1.52	1/4	310.58	1/4	613.97	1/4	917.69	1/4	1222.37	1/4	1527.40	1/4	1832.42	1/4	2137.46	1/4
1/2	1.57	1/2	316.90	1/2	620.29	1/2	924.03	1/2	1228.73	1/2	1533.75	1/2	1838.78	1/2	2143.82	1/2
3/4	1.61	3/4	323.22	3/4	626.61	3/4	930.38	3/4	1235.08	3/4	1540.11	3/4	1845.13	3/4	2150.17	3/4
9	1.66	9	329.54	9	632.93	9	936.72	9	1241.44	9	1546.46	9	1851.48	9	2156.53	9
1/4	1.70	1/4	335.86	1/4	639.25	1/4	943.06	1/4	1247.79	1/4	1552.82	1/4	1857.84	1/4	2162.88	1/4
1/2	1.75	1/2	342.18	1/2	645.57	1/2	949.40	1/2	1254.15	1/2	1559.17	1/2	1864.20	1/2	2169.24	1/2
3/4	1.79	3/4	348.50	3/4	651.89	3/4	955.74	3/4	1260.50	3/4	1565.53	3/4	1870.55	3/4	2175.59	3/4
10	1.84	10	354.82	10	658.21	10	962.08	10	1266.86	10	1571.88	10	1876.91	10	2181.95	10
1/4	1.88	1/4	361.14	1/4	664.53	1/4	968.42	1/4	1273.21	1/4	1578.24	1/4	1883.26	1/4	2188.30	1/4
1/2	1.93	1/2	367.46	1/2	670.85	1/2	974.77	1/2	1279.57	1/2	1584.59	1/2	1889.62	1/2	2194.66	1/2
3/4	1.97	3/4	373.79	3/4	677.17	3/4	981.11	3/4	1285.92	3/4	1590.95	3/4	1895.97	3/4	2201.01	3/4
11	1.99	11	380.11	11	683.49	11	987.45	11	1292.28	11	1597.30	11	1902.33	11	2207.37	11
1/4	2.04	1/4	386.43	1/4	689.82	1/4	993.79	1/4	1298.63	1/4	1603.65	1/4	1908.68	1/4	2213.72	1/4
1/2	2.08	1/2	392.75	1/2	696.14	1/2	1000.13	1/2	1304.99	1/2	1610.01	1/2	1915.04	1/2	2220.08	1/2
3/4	2.12	3/4	399.07	3/4	702.46	3/4	1006.47	3/4	1311.34	3/4	1616.36	3/4	1921.39	3/4	2226.43	3/4

NOTE: GAUGE POINT TO TOP OF 1<sup>ST</sup> GAUGE HATCH ON EXPANSION TRUNK.  
NOTE: GAUGE POINT LOCATED FORWARD END OF TANK. AFT 1<sup>ST</sup> TRAIL CONNECTION WHEN NOT ON EVEN KEEL.  
REFERENCE GAUGE HEIGHT PORT: 11.2

Calculated: 38828  
Cautions: WHF 1/31/2008  
Re-issued: August 6, 2008

**Intertek**  
Caleb Brett

# BARGE GRIFCO 3812

**INNAGE TABLE**  
**TANK: 5 P/S**

CAPACITIES IN U.S. BARRELS

FOR MANUAL GAUGING AT 10" GAUGE HATCH LOCATED ON DECK NEAR EXPANSION TRUNK

HULL No. 05-2535

IN	8 FT	9 FT	10 FT	11 FT	12 FT	13 FT	14 FT	15 FT
0	2232.79	2537.83	2842.87	3147.91	3381.34	3412.87	3463.51	3514.15
1/4	2239.14	2544.18	2849.22	3154.26	3387.69	3419.22	3469.86	3520.44
1/2	2245.50	2550.54	2855.58	3160.61	3394.04	3425.57	3476.21	3526.71
3/4	2251.85	2556.89	2861.93	3166.96	3400.39	3431.92	3482.56	3532.98
1	2258.21	2563.25	2868.28	3173.31	3406.74	3438.27	3488.91	3539.25
1/4	2264.56	2569.60	2874.63	3179.66	3413.09	3444.62	3495.26	3545.52
1/2	2270.92	2575.96	2880.98	3186.01	3419.44	3450.97	3501.61	3551.79
3/4	2277.27	2582.31	2887.33	3192.36	3425.79	3457.32	3507.96	3558.06
2	2283.63	2588.67	2893.68	3198.71	3432.14	3463.67	3514.31	3564.33
1/4	2289.98	2595.02	2899.93	3205.06	3438.49	3470.02	3520.66	3570.60
1/2	2296.34	2601.38	2906.28	3211.41	3444.84	3476.37	3527.01	3576.87
3/4	2302.69	2607.73	2912.63	3217.76	3451.19	3482.72	3533.36	3583.14
3	2309.05	2614.09	2918.98	3224.11	3457.54	3489.07	3539.71	3589.41
1/4	2315.40	2620.44	2925.33	3230.46	3463.89	3495.42	3546.06	3595.68
1/2	2321.76	2626.80	2931.68	3236.81	3470.24	3501.77	3552.41	3601.95
3/4	2328.11	2633.15	2938.03	3243.16	3476.59	3508.12	3558.76	3608.22
4	2334.47	2639.51	2944.38	3249.51	3482.94	3514.47	3565.11	3614.49
1/4	2340.82	2645.86	2950.73	3255.86	3489.29	3520.82	3571.46	3620.76
1/2	2347.18	2652.22	2957.08	3262.21	3495.64	3527.17	3577.81	3627.03
3/4	2353.53	2658.57	2963.43	3268.56	3501.99	3533.52	3584.16	3633.30
5	2359.89	2664.93	2969.78	3274.91	3508.34	3539.87	3590.51	3639.57
1/4	2366.24	2671.28	2976.13	3281.26	3514.69	3546.22	3596.86	3645.84
1/2	2372.60	2677.64	2982.48	3287.61	3521.04	3552.57	3603.21	3652.11
3/4	2378.95	2683.99	2988.83	3293.96	3527.39	3558.92	3609.56	3658.38
6	2385.31	2690.35	2995.18	3300.31	3533.74	3565.27	3615.91	3664.65
1/4	2391.66	2696.70	3001.53	3306.66	3540.09	3571.62	3622.26	3670.92
1/2	2398.02	2703.06	3007.88	3313.01	3546.44	3577.97	3628.61	3677.19
3/4	2404.37	2709.41	3014.23	3319.36	3552.79	3584.32	3634.96	3683.46
7	2410.73	2715.77	3020.58	3325.71	3559.14	3590.67	3641.31	3689.73
1/4	2417.08	2722.12	3026.93	3332.06	3565.49	3597.02	3647.66	3696.00
1/2	2423.44	2728.48	3033.28	3338.41	3571.84	3603.37	3654.01	3702.27
3/4	2429.79	2734.83	3039.63	3344.76	3578.19	3609.72	3660.36	3708.54
8	2436.15	2741.19	3045.98	3351.11	3584.54	3616.07	3666.71	3714.81
1/4	2442.50	2747.54	3052.33	3357.46	3590.89	3622.42	3673.06	3721.08
1/2	2448.86	2753.90	3058.68	3363.81	3597.24	3628.77	3679.41	3727.35
3/4	2455.21	2760.25	3065.03	3370.16	3603.59	3635.12	3685.76	3733.62
9	2461.57	2766.61	3071.38	3376.51	3610.00	3641.47	3692.11	3739.89
1/4	2467.92	2772.96	3077.73	3382.86	3616.35	3647.82	3698.46	3746.16
1/2	2474.28	2779.32	3084.08	3389.21	3622.70	3654.17	3704.81	3752.43
3/4	2480.63	2785.67	3090.43	3395.56	3629.05	3660.52	3711.16	3758.70
10	2486.99	2792.03	3096.78	3401.91	3635.40	3666.87	3717.51	3764.97
1/4	2493.34	2798.38	3103.13	3408.26	3641.75	3673.22	3723.86	3771.24
1/2	2499.70	2804.74	3109.48	3414.61	3648.10	3679.57	3730.21	3777.51
3/4	2506.05	2811.09	3115.83	3420.96	3654.45	3685.92	3736.56	3783.78
11	2512.41	2817.45	3122.18	3427.31	3660.80	3692.27	3742.91	3790.05
1/4	2518.76	2823.80	3128.53	3433.66	3667.15	3698.62	3749.26	3796.32
1/2	2525.12	2830.16	3134.88	3440.01	3673.50	3704.97	3755.61	3802.59
3/4	2531.47	2836.51	3141.23	3446.36	3679.85	3711.32	3761.96	3808.86

NOTE: GAUGE POINT: TOP OF BALL VALVE ON 10" GEAR PIPE.  
NOTE: GAUGE POINT LOCATED FORWARD END OF TANK - APPLICABLE CORRECTION WHEN NOT ON CENTERLINE.

Calculated: JF 36828  
VF 1/31/2006  
Checked: D. Howard  
Approved: A. 7006