

BARGE GRIFCO 3809

INNAGE TABLE TANK: 1 P/S

CAPACITIES IN U.S. BARRELS

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

HULL No. 05-2540

IN	0 FT	IN	1 FT	IN	2 FT	IN	3 FT	IN	4 FT	IN	5 FT	IN	6 FT	IN	7 FT
0	0.00	0	56.39	0	251.14	0	489.60	0	772.85	0	1065.32	0	1356.61	0	1649.10
1/4	0.05	1/4	60.02	1/4	255.61	1/4	495.10	1/4	778.95	1/4	1071.41	1/4	1362.70	1/4	1655.20
1/2	0.09	1/2	63.67	1/2	260.10	1/2	500.62	1/2	785.04	1/2	1077.50	1/2	1368.80	1/2	1661.29
3/4	0.14	3/4	67.34	3/4	264.61	3/4	506.16	3/4	791.13	3/4	1083.59	3/4	1374.89	3/4	1667.38
1	0.19	1	71.02	1	269.14	1	511.72	1	797.23	1	1089.68	1	1380.98	1	1673.48
1/4	0.23	1/4	74.73	1/4	273.66	1/4	517.30	1/4	803.32	1/4	1095.72	1/4	1387.08	1/4	1679.57
1/2	0.28	1/2	78.46	1/2	278.21	1/2	522.90	1/2	809.41	1/2	1101.76	1/2	1393.17	1/2	1685.66
3/4	0.33	3/4	82.21	3/4	282.78	3/4	528.51	3/4	815.51	3/4	1107.80	3/4	1399.26	3/4	1691.76
2	0.37	2	85.97	2	287.36	2	534.15	2	821.60	2	1113.85	2	1405.36	2	1697.85
1/4	0.42	1/4	89.76	1/4	291.97	1/4	539.81	1/4	827.69	1/4	1119.89	1/4	1411.45	1/4	1703.94
1/2	0.47	1/2	93.57	1/2	296.59	1/2	545.49	1/2	833.79	1/2	1125.93	1/2	1417.54	1/2	1710.04
3/4	0.51	3/4	97.39	3/4	301.24	3/4	551.19	3/4	839.88	3/4	1131.97	3/4	1423.64	3/4	1716.13
3	0.56	3	101.24	3	305.92	3	556.90	3	845.97	3	1138.01	3	1429.73	3	1722.22
1/4	0.61	1/4	105.11	1/4	310.63	1/4	562.64	1/4	852.07	1/4	1144.06	1/4	1435.83	1/4	1728.32
1/2	0.65	1/2	108.99	1/2	315.36	1/2	568.40	1/2	858.16	1/2	1150.10	1/2	1441.92	1/2	1734.41
3/4	0.70	3/4	112.89	3/4	320.10	3/4	574.17	3/4	864.25	3/4	1156.14	3/4	1448.01	3/4	1740.51
4	0.75	4	116.82	4	324.86	4	579.97	4	870.35	4	1162.18	4	1454.11	4	1746.60
1/4	0.79	1/4	120.76	1/4	329.65	1/4	585.78	1/4	876.44	1/4	1168.22	1/4	1460.20	1/4	1752.69
1/2	0.84	1/2	124.73	1/2	334.45	1/2	591.61	1/2	882.53	1/2	1174.27	1/2	1466.29	1/2	1758.79
3/4	0.89	3/4	128.71	3/4	339.28	3/4	597.47	3/4	888.63	3/4	1180.31	3/4	1472.39	3/4	1764.88
5	0.93	5	132.71	5	344.12	5	603.34	5	894.72	5	1186.35	5	1478.48	5	1770.97
1/4	0.98	1/4	136.73	1/4	348.98	1/4	609.23	1/4	900.82	1/4	1192.39	1/4	1484.57	1/4	1777.07
1/2	1.03	1/2	140.77	1/2	353.86	1/2	615.15	1/2	906.91	1/2	1198.43	1/2	1490.67	1/2	1783.16
3/4	1.07	3/4	144.84	3/4	358.76	3/4	621.08	3/4	913.00	3/4	1204.48	3/4	1496.76	3/4	1789.25
6	1.12	6	148.92	6	363.68	6	627.03	6	919.10	6	1210.52	6	1502.86	6	1795.35
1/4	1.31	1/4	153.02	1/4	368.62	1/4	633.00	1/4	925.19	1/4	1216.56	1/4	1508.95	1/4	1801.44
1/2	1.71	1/2	157.14	1/2	373.58	1/2	638.99	1/2	931.28	1/2	1222.60	1/2	1515.04	1/2	1807.54
3/4	2.31	3/4	161.28	3/4	378.56	3/4	645.00	3/4	937.38	3/4	1228.64	3/4	1521.14	3/4	1813.63
7	3.11	7	165.43	7	383.66	7	651.03	7	943.47	7	1234.74	7	1527.23	7	1819.72
1/4	4.12	1/4	169.39	1/4	388.77	1/4	657.08	1/4	949.56	1/4	1240.83	1/4	1533.32	1/4	1825.82
1/2	5.34	1/2	173.36	1/2	393.91	1/2	663.15	1/2	955.66	1/2	1246.92	1/2	1539.42	1/2	1831.91
3/4	6.77	3/4	177.36	3/4	399.07	3/4	669.24	3/4	961.75	3/4	1253.02	3/4	1545.51	3/4	1838.00
8	8.42	8	181.37	8	404.24	8	675.36	8	967.84	8	1259.11	8	1551.60	8	1844.10
1/4	10.06	1/4	185.40	1/4	409.43	1/4	681.45	1/4	973.94	1/4	1265.20	1/4	1557.70	1/4	1850.19
1/2	11.92	1/2	189.46	1/2	414.64	1/2	687.54	1/2	980.03	1/2	1271.30	1/2	1563.79	1/2	1856.28
3/4	14.00	3/4	193.53	3/4	419.87	3/4	693.64	3/4	986.12	3/4	1277.39	3/4	1569.88	3/4	1862.38
9	16.31	9	197.84	9	425.12	9	699.73	9	992.22	9	1283.49	9	1575.98	9	1868.47
1/4	18.84	1/4	202.18	1/4	430.38	1/4	705.82	1/4	998.31	1/4	1289.58	1/4	1582.07	1/4	1874.56
1/2	21.60	1/2	206.53	1/2	435.67	1/2	711.92	1/2	1004.40	1/2	1295.67	1/2	1588.17	1/2	1880.66
3/4	24.60	3/4	210.91	3/4	440.97	3/4	718.01	3/4	1010.50	3/4	1301.77	3/4	1594.26	3/4	1886.75
10	28.05	10	215.30	10	446.30	10	724.10	10	1016.59	10	1307.86	10	1600.35	10	1892.85
1/4	31.53	1/4	219.71	1/4	451.64	1/4	730.20	1/4	1022.68	1/4	1313.95	1/4	1606.45	1/4	1898.94
1/2	35.02	1/2	224.14	1/2	457.01	1/2	736.29	1/2	1028.77	1/2	1320.05	1/2	1612.54	1/2	1905.03
3/4	38.53	3/4	228.59	3/4	462.39	3/4	742.38	3/4	1034.87	3/4	1326.14	3/4	1618.63	3/4	1911.13
11	42.07	11	233.06	11	467.79	11	748.48	11	1040.96	11	1332.23	11	1624.73	11	1917.22
1/4	45.62	1/4	237.55	1/4	473.22	1/4	754.57	1/4	1047.05	1/4	1338.33	1/4	1630.82	1/4	1923.31
1/2	49.19	1/2	242.06	1/2	478.66	1/2	760.66	1/2	1053.14	1/2	1344.42	1/2	1636.91	1/2	1929.41
3/4	52.78	3/4	246.59	3/4	484.12	3/4	766.76	3/4	1059.23	3/4	1350.52	3/4	1643.01	3/4	1935.50

NOTE: GAUGE POINT: TO TOP LIP OF 10" GAUGE HATCH, ON EXPANSION TRUNK

NOTE: GAUGE POINT LOCATED AFT END OF TANK - APPLY TRIM CORRECTION WHEN NOT ON EVEN KEEL

REFERENCE GAUGE HEIGHT PORT: 17' 2"

REFERENCE GAUGE HEIGHT STARBOARD: 17' 2"

Calibrated: JF 1/15/2009

Calculation: WHF 1/31/2009

Re-issued: August 6, 2009

For: Revised trim correction

BARGE GRIFCO 3809

INNAGE TABLE TANK: 1 P/S

CAPACITIES IN U.S. BARRELS

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

HULL No. 05-2538

IN	8 FT	IN	9 FT	IN	10 FT	IN	11 FT	IN	12 FT	IN	13 FT	IN	14 FT	IN	15 FT
0	1941.59	0	2234.09	0	2526.58	0	2819.05	0	3111.51	0	3403.11	0	3694.00	0	3980.18
1/4	1947.69	1/4	2240.18	1/4	2532.67	1/4	2825.14	1/4	3117.60	1/4	3409.17	1/4	3700.06	1/4	3985.01
1/2	1953.78	1/2	2246.27	1/2	2538.77	1/2	2831.24	1/2	3123.69	1/2	3415.23	1/2	3706.12	1/2	3989.68
3/4	1959.88	3/4	2252.37	3/4	2544.86	3/4	2837.33	3/4	3129.78	3/4	3421.29	3/4	3712.18	3/4	3994.17
1	1965.97	1	2258.46	1	2550.95	1	2843.42	1	3135.88	1	3427.35	1	3718.24	1	3998.49
1/4	1972.06	1/4	2264.56	1/4	2557.05	1/4	2849.52	1/4	3141.97	1/4	3433.41	1/4	3724.30	1/4	4002.65
1/2	1978.16	1/2	2270.65	1/2	2563.14	1/2	2855.61	1/2	3148.06	1/2	3439.47	1/2	3730.36	1/2	4006.63
3/4	1984.25	3/4	2276.74	3/4	2569.24	3/4	2861.70	3/4	3154.16	3/4	3445.53	3/4	3736.42	3/4	4010.45
2	1990.34	2	2282.84	2	2575.33	2	2867.79	2	3160.25	2	3451.59	2	3742.48	2	4014.09
1/4	1996.44	1/4	2288.93	1/4	2581.42	1/4	2873.89	1/4	3166.34	1/4	3457.65	1/4	3748.54	1/4	4017.57
1/2	2002.53	1/2	2295.02	1/2	2587.52	1/2	2879.98	1/2	3172.43	1/2	3463.71	1/2	3754.60	1/2	4020.87
3/4	2008.62	3/4	2301.12	3/4	2593.61	3/4	2886.07	3/4	3178.53	3/4	3469.77	3/4	3760.66	3/4	4024.01
3	2014.72	3	2307.21	3	2599.70	3	2892.17	3	3184.62	3	3475.83	3	3766.72	3	4026.98
1/4	2020.81	1/4	2313.30	1/4	2605.80	1/4	2898.26	1/4	3190.71	1/4	3481.89	1/4	3772.78	1/4	4029.78
1/2	2026.90	1/2	2319.40	1/2	2611.89	1/2	2904.35	1/2	3196.81	1/2	3487.95	1/2	3778.84	1/2	4032.41
3/4	2033.00	3/4	2325.49	3/4	2617.98	3/4	2910.44	3/4	3202.90	3/4	3494.01	3/4	3784.90	3/4	4041.23
4	2039.09	4	2331.58	4	2624.08	4	2916.54	4	3208.99	4	3500.07	4	3790.96	4	4037.16
1/4	2045.19	1/4	2337.68	1/4	2630.17	1/4	2922.63	1/4	3215.08	1/4	3506.13	1/4	3797.02	1/4	4039.28
1/2	2051.28	1/2	2343.77	1/2	2636.26	1/2	2928.72	1/2	3221.18	1/2	3512.19	1/2	3803.08	1/2	4041.23
3/4	2057.37	3/4	2349.87	3/4	2642.36	3/4	2934.82	3/4	3227.27	3/4	3518.25	3/4	3809.14	3/4	4043.02
5	2063.47	5	2355.96	5	2648.45	5	2940.91	5	3233.36	5	3524.31	5	3815.20	5	4044.63
1/4	2069.56	1/4	2362.05	1/4	2654.55	1/4	2947.00	1/4	3239.46	1/4	3530.37	1/4	3821.26	1/4	4046.08
1/2	2075.65	1/2	2368.15	1/2	2660.64	1/2	2953.09	1/2	3245.55	1/2	3536.43	1/2	3827.32	1/2	4047.35
3/4	2081.75	3/4	2374.24	3/4	2666.73	3/4	2959.19	3/4	3251.61	3/4	3542.49	3/4	3833.33	3/4	4048.46
6	2087.84	6	2380.33	6	2672.82	6	2965.28	6	3257.67	6	3548.55	6	3839.35	6	4049.39
1/4	2093.93	1/4	2386.43	1/4	2678.92	1/4	2971.37	1/4	3263.73	1/4	3554.61	1/4	3845.37	1/4	4050.16
1/2	2100.03	1/2	2392.52	1/2	2685.01	1/2	2977.46	1/2	3269.79	1/2	3560.67	1/2	3851.38	1/2	4050.76
3/4	2106.12	3/4	2398.61	3/4	2691.10	3/4	2983.56	3/4	3275.85	3/4	3566.73	3/4	3857.40	3/4	4051.18
7	2112.22	7	2404.71	7	2697.20	7	2989.65	7	3281.91	7	3572.79	7	3863.41	7	4051.44
1/4	2118.31	1/4	2410.80	1/4	2703.29	1/4	2995.74	1/4	3287.97	1/4	3578.85	1/4	3869.43	1/4	4051.53
1/2	2124.40	1/2	2416.90	1/2	2709.38	1/2	3001.84	1/2	3294.03	1/2	3584.91	1/2	3875.45	1/2	
3/4	2130.50	3/4	2422.99	3/4	2715.47	3/4	3007.93	3/4	3300.09	3/4	3590.97	3/4	3881.46	3/4	
8	2136.59	8	2429.08	8	2721.57	8	3014.02	8	3306.15	8	3597.03	8	3887.48	Trim Correction	
1/4	2142.68	1/4	2435.18	1/4	2727.66	1/4	3020.11	1/4	3312.21	1/4	3603.09	1/4	3893.50	+12"	1 3/8
1/2	2148.78	1/2	2441.27	1/2	2733.75	1/2	3026.21	1/2	3318.27	1/2	3609.15	1/2	3899.51	+6"	5/8
3/4	2154.87	3/4	2447.36	3/4	2739.85	3/4	3032.30	3/4	3324.33	3/4	3615.21	3/4	3905.53	EVEN	0
9	2160.96	9	2453.46	9	2745.94	9	3038.39	9	3330.39	9	3621.27	9	3911.54	-6"	-5/8
1/4	2167.06	1/4	2459.55	1/4	2752.03	1/4	3044.49	1/4	3336.45	1/4	3627.33	1/4	3917.56	-1' 0"	-1 3/8
1/2	2173.15	1/2	2465.64	1/2	2758.12	1/2	3050.58	1/2	3342.51	1/2	3633.39	1/2	3923.58	-1'-6"	-2
3/4	2179.24	3/4	2471.74	3/4	2764.22	3/4	3056.67	3/4	3348.57	3/4	3639.45	3/4	3929.59	-2' 0"	-2 3/4
10	2185.34	10	2477.83	10	2770.31	10	3062.76	10	3354.63	10	3645.51	10	3935.61	-2'-6"	-3 3/8
1/4	2191.43	1/4	2483.92	1/4	2776.40	1/4	3068.86	1/4	3360.69	1/4	3651.57	1/4	3941.63	-3' 0"	-4
1/2	2197.53	1/2	2490.02	1/2	2782.50	1/2	3074.95	1/2	3366.75	1/2	3657.63	1/2	3947.64	-3'-6"	-4 3/4
3/4	2203.62	3/4	2496.11	3/4	2788.59	3/4	3081.04	3/4	3372.81	3/4	3663.70	3/4	3953.49	-4' 0"	-5 3/8
11	2209.71	11	2502.21	11	2794.68	11	3087.14	11	3378.87	11	3669.76	11	3959.17	-4'-6"	-6
1/4	2215.81	1/4	2508.30	1/4	2800.77	1/4	3093.23	1/4	3384.93	1/4	3675.82	1/4	3964.67	-5' 0"	-6 3/4
1/2	2221.90	1/2	2514.39	1/2	2806.87	1/2	3099.32	1/2	3390.99	1/2	3681.88	1/2	3970.01	-5'-6"	-7 3/8
3/4	2227.99	3/4	2520.49	3/4	2812.96	3/4	3105.41	3/4	3397.05	3/4	3687.94	3/4	3975.18	-6' 0"	-8 1/8

NOTE: GAUGE POINT: TO TOP LIP OF BALL VALVE, ON 19" DECK PIPE.

GAUGE FROM MMC/UTI STANDPIPE LOCATED NEAR GEOMETRIC CENTER OF TANK

NOTE: GAUGE POINT LOCATED OFF CENTER OF TANK - APPLY TRIM CORRECTION WHEN NOT ON EVEN KEEL.

REFERENCE GAUGE HEIGHT PORT: 17' 2"

REFERENCE GAUGE HEIGHT STARBOARD: 17' 2"

Calibrated: JF 1/22/2009

Calculation: WHF 3/20/2009

Re-issued: August 6, 2009

For: Revised trim correction

BARGE GRIFCO 3809

INNAGE TABLE TANK: 2 P/S

CAPACITIES IN U.S. BARRELS

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

HULL No. 05-2538

IN	8 FT	IN	9 FT	IN	10 FT	IN	11 FT	IN	12 FT	IN	13 FT	IN	14 FT	IN	15 FT
0	2037.98	0	2316.45	0	2594.68	0	2872.65	0	3150.64	0	3428.62	0	3706.61	0	3981.21
1/4	2043.78	1/4	2322.25	1/4	2600.47	1/4	2878.44	1/4	3156.43	1/4	3434.41	1/4	3712.40	1/4	3985.88
1/2	2049.58	1/2	2328.06	1/2	2606.26	1/2	2884.23	1/2	3162.22	1/2	3440.21	1/2	3718.19	1/2	3990.56
3/4	2055.38	3/4	2333.86	3/4	2612.05	3/4	2890.02	3/4	3168.01	3/4	3446.00	3/4	3723.98	3/4	3994.72
1	2061.18	1	2339.66	1	2617.84	1	2895.81	1	3173.80	1	3451.79	1	3729.78	1	3998.90
1/4	2066.98	1/4	2345.46	1/4	2623.63	1/4	2901.61	1/4	3179.59	1/4	3457.58	1/4	3735.57	1/4	4002.92
1/2	2072.78	1/2	2351.26	1/2	2629.42	1/2	2907.40	1/2	3185.38	1/2	3463.37	1/2	3741.36	1/2	4006.77
3/4	2078.59	3/4	2357.06	3/4	2635.21	3/4	2913.19	3/4	3191.18	3/4	3469.16	3/4	3747.15	3/4	4010.47
2	2084.39	2	2362.86	2	2641.01	2	2918.98	2	3196.97	2	3474.95	2	3752.94	2	4014.01
1/4	2090.19	1/4	2368.67	1/4	2646.80	1/4	2924.77	1/4	3202.76	1/4	3480.75	1/4	3758.73	1/4	4017.38
1/2	2095.99	1/2	2374.47	1/2	2652.59	1/2	2930.56	1/2	3208.55	1/2	3486.54	1/2	3764.52	1/2	4020.59
3/4	2101.79	3/4	2380.27	3/4	2658.38	3/4	2936.35	3/4	3214.34	3/4	3492.33	3/4	3770.32	3/4	4023.64
3	2107.59	3	2386.07	3	2664.17	3	2942.15	3	3220.13	3	3498.12	3	3776.11	3	4026.53
1/4	2113.40	1/4	2391.87	1/4	2669.96	1/4	2947.94	1/4	3225.92	1/4	3503.91	1/4	3781.90	1/4	4029.26
1/2	2119.20	1/2	2397.67	1/2	2675.75	1/2	2953.73	1/2	3231.72	1/2	3509.70	1/2	3787.69	1/2	4031.83
3/4	2125.00	3/4	2403.48	3/4	2681.54	3/4	2959.52	3/4	3237.51	3/4	3515.49	3/4	3793.48	3/4	4034.49
4	2130.80	4	2409.28	4	2687.33	4	2965.31	4	3243.30	4	3521.29	4	3799.27	4	4036.48
1/4	2136.60	1/4	2415.08	1/4	2693.13	1/4	2971.10	1/4	3249.09	1/4	3527.08	1/4	3805.06	1/4	4038.57
1/2	2142.40	1/2	2420.88	1/2	2698.92	1/2	2976.89	1/2	3254.88	1/2	3532.87	1/2	3810.86	1/2	4040.49
3/4	2148.21	3/4	2426.68	3/4	2704.71	3/4	2982.69	3/4	3260.67	3/4	3538.66	3/4	3816.65	3/4	4042.25
5	2154.01	5	2432.48	5	2710.50	5	2988.48	5	3266.46	5	3544.45	5	3822.44	5	4043.86
1/4	2159.81	1/4	2438.29	1/4	2716.29	1/4	2994.27	1/4	3272.26	1/4	3550.24	1/4	3828.23	1/4	4045.30
1/2	2165.61	1/2	2444.09	1/2	2722.08	1/2	3000.06	1/2	3278.05	1/2	3556.03	1/2	3834.02	1/2	4046.57
3/4	2171.41	3/4	2449.89	3/4	2727.87	3/4	3005.85	3/4	3283.84	3/4	3561.83	3/4	3839.81	3/4	4047.69
6	2177.21	6	2455.69	6	2733.66	6	3011.64	6	3289.63	6	3567.62	6	3845.60	6	4048.65
1/4	2183.02	1/4	2461.48	1/4	2739.45	1/4	3017.43	1/4	3295.42	1/4	3573.41	1/4	3851.40	1/4	4049.44
1/2	2188.82	1/2	2467.27	1/2	2745.25	1/2	3023.23	1/2	3301.21	1/2	3579.20	1/2	3857.19	1/2	4050.08
3/4	2194.62	3/4	2473.06	3/4	2751.04	3/4	3029.02	3/4	3307.00	3/4	3584.99	3/4	3862.98	3/4	4050.55
7	2200.42	7	2478.85	7	2756.83	7	3034.81	7	3312.80	7	3590.78	7	3868.77	7	4050.86
1/4	2206.22	1/4	2484.65	1/4	2762.62	1/4	3040.60	1/4	3318.59	1/4	3596.57	1/4	3874.56	1/4	4051.01
1/2	2212.02	1/2	2490.44	1/2	2768.41	1/2	3046.39	1/2	3324.38	1/2	3602.37	1/2	3880.35	1/2	4051.08
3/4	2217.82	3/4	2496.23	3/4	2774.20	3/4	3052.18	3/4	3330.17	3/4	3608.16	3/4	3886.14	3/4	4051.08
8	2223.63	8	2502.02	8	2779.99	8	3057.97	8	3335.96	8	3613.95	8	3891.94	Trim Correction	
1/4	2229.43	1/4	2507.81	1/4	2785.78	1/4	3063.76	1/4	3341.75	1/4	3619.74	1/4	3897.73	+12"	1 1/4
1/2	2235.23	1/2	2513.60	1/2	2791.57	1/2	3069.56	1/2	3347.54	1/2	3625.53	1/2	3903.52	+6"	5/8
3/4	2241.03	3/4	2519.39	3/4	2797.37	3/4	3075.35	3/4	3353.33	3/4	3631.32	3/4	3909.31	EVEN	0
9	2246.83	9	2525.18	9	2803.16	9	3081.14	9	3359.13	9	3637.11	9	3915.10	-6"	-5/8
1/4	2252.63	1/4	2530.97	1/4	2808.95	1/4	3086.93	1/4	3364.92	1/4	3642.90	1/4	3920.89	-1' 0"	-1 1/4
1/2	2258.44	1/2	2536.77	1/2	2814.74	1/2	3092.72	1/2	3370.71	1/2	3648.70	1/2	3926.68	-1'-6"	-1 7/8
3/4	2264.24	3/4	2542.56	3/4	2820.53	3/4	3098.51	3/4	3376.50	3/4	3654.49	3/4	3932.47	-2' 0"	-2 1/2
10	2270.04	10	2548.35	10	2826.32	10	3104.30	10	3382.29	10	3660.28	10	3938.27	-2'-6"	-3 1/8
1/4	2275.84	1/4	2554.14	1/4	2832.11	1/4	3110.10	1/4	3388.08	1/4	3666.07	1/4	3944.06	-3' 0"	-3 7/8
1/2	2281.64	1/2	2559.93	1/2	2837.90	1/2	3115.89	1/2	3393.87	1/2	3671.86	1/2	3949.85	-3'-6"	-4 1/2
3/4	2287.44	3/4	2565.72	3/4	2843.69	3/4	3121.68	3/4	3399.67	3/4	3677.65	3/4	3955.48	-4' 0"	-5 1/8
11	2293.25	11	2571.51	11	2849.49	11	3127.47	11	3405.46	11	3683.44	11	3960.95	-4'-6"	-5 3/4
1/4	2299.05	1/4	2577.30	1/4	2855.28	1/4	3133.26	1/4	3411.25	1/4	3689.24	1/4	3966.26	-5' 0"	-6 3/8
1/2	2304.85	1/2	2583.09	1/2	2861.07	1/2	3139.05	1/2	3417.04	1/2	3695.03	1/2	3971.40	-5'-6"	-7
3/4	2310.65	3/4	2588.89	3/4	2866.86	3/4	3144.84	3/4	3422.83	3/4	3700.82	3/4	3976.39	-6' 0"	-7 5/8

NOTE: GAUGE POINT: TO TOP LIP OF BALL VALVE, ON 19" DECK PIPE.

GAUGE FROM MMC/UTI STANDPIPE LOCATED NEAR GEOMETRIC CENTER OF TANK

NOTE: GAUGE POINT LOCATED OFF CENTER OF TANK - APPLY TRIM CORRECTION WHEN NOT ON EVEN KEEL.

REFERENCE GAUGE HEIGHT PORT: 17' 2"

REFERENCE GAUGE HEIGHT STARBOARD: 17' 2"

Calibrated: JF 1/15/2009

Calculation: WHF 1/31/2009

Re-issued: August 6, 2009

For: Revised trim correction

BARGE GRIFCO 3809

INNAGE TABLE TANK: 3 P/S

CAPACITIES IN U.S. BARRELS

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

HULL No. 05-2538

IN	8 FT	IN	9 FT	IN	10 FT	IN	11 FT	IN	12 FT	IN	13 FT	IN	14 FT	IN	15 FT
0	1847.30	0	2099.77	0	2351.99	0	2603.97	0	2855.95	0	3107.94	0	3359.92	0	3608.84
1/4	1852.56	1/4	2105.03	1/4	2357.24	1/4	2609.22	1/4	2861.20	1/4	3113.19	1/4	3365.17	1/4	3613.07
1/2	1857.82	1/2	2110.29	1/2	2362.49	1/2	2614.46	1/2	2866.45	1/2	3118.44	1/2	3370.42	1/2	3617.15
3/4	1863.08	3/4	2115.55	3/4	2367.74	3/4	2619.71	3/4	2871.70	3/4	3123.69	3/4	3375.67	3/4	3621.08
1	1868.34	1	2120.81	1	2372.99	1	2624.96	1	2876.95	1	3128.94	1	3380.92	1	3624.87
1/4	1873.60	1/4	2126.07	1/4	2378.24	1/4	2630.21	1/4	2882.20	1/4	3134.18	1/4	3386.17	1/4	3628.51
1/2	1878.86	1/2	2131.33	1/2	2383.49	1/2	2635.46	1/2	2887.45	1/2	3139.43	1/2	3391.42	1/2	3632.01
3/4	1884.12	3/4	2136.59	3/4	2388.74	3/4	2640.71	3/4	2892.70	3/4	3144.68	3/4	3396.67	3/4	3635.36
2	1889.38	2	2141.85	2	2393.99	2	2645.96	2	2897.95	2	3149.93	2	3401.92	2	3638.56
1/4	1894.64	1/4	2147.11	1/4	2399.24	1/4	2651.21	1/4	2903.20	1/4	3155.18	1/4	3407.17	1/4	3641.62
1/2	1899.90	1/2	2152.37	1/2	2404.49	1/2	2656.46	1/2	2908.45	1/2	3160.43	1/2	3412.42	1/2	3644.53
3/4	1905.16	3/4	2157.63	3/4	2409.74	3/4	2661.71	3/4	2913.70	3/4	3165.68	3/4	3417.67	3/4	3647.30
3	1910.42	3	2162.89	3	2414.99	3	2666.96	3	2918.95	3	3170.93	3	3422.92	3	3649.92
1/4	1915.68	1/4	2168.15	1/4	2420.24	1/4	2672.21	1/4	2924.20	1/4	3176.18	1/4	3428.17	1/4	3652.39
1/2	1920.93	1/2	2173.41	1/2	2425.49	1/2	2677.46	1/2	2929.45	1/2	3181.43	1/2	3433.42	1/2	3654.72
3/4	1926.19	3/4	2178.67	3/4	2430.74	3/4	2682.71	3/4	2934.70	3/4	3186.68	3/4	3438.67	3/4	3662.57
4	1931.45	4	2183.93	4	2435.99	4	2687.96	4	2939.95	4	3191.93	4	3443.92	4	3658.93
1/4	1936.71	1/4	2189.19	1/4	2441.23	1/4	2693.21	1/4	2945.20	1/4	3197.18	1/4	3449.17	1/4	3660.82
1/2	1941.97	1/2	2194.45	1/2	2446.48	1/2	2698.46	1/2	2950.45	1/2	3202.43	1/2	3454.42	1/2	3662.57
3/4	1947.23	3/4	2199.71	3/4	2451.73	3/4	2703.71	3/4	2955.69	3/4	3207.68	3/4	3459.67	3/4	3664.16
5	1952.49	5	2204.97	5	2456.98	5	2708.96	5	2960.94	5	3212.93	5	3464.92	5	3665.61
1/4	1957.75	1/4	2210.23	1/4	2462.23	1/4	2714.21	1/4	2966.19	1/4	3218.18	1/4	3470.17	1/4	3666.92
1/2	1963.01	1/2	2215.49	1/2	2467.48	1/2	2719.46	1/2	2971.44	1/2	3223.43	1/2	3475.42	1/2	3668.08
3/4	1968.27	3/4	2220.75	3/4	2472.73	3/4	2724.71	3/4	2976.69	3/4	3228.68	3/4	3480.66	3/4	3669.09
6	1973.53	6	2226.01	6	2477.98	6	2729.96	6	2981.94	6	3233.93	6	3485.91	6	3669.95
1/4	1978.79	1/4	2231.26	1/4	2483.23	1/4	2735.21	1/4	2987.19	1/4	3239.18	1/4	3491.16	1/4	3670.67
1/2	1984.05	1/2	2236.51	1/2	2488.48	1/2	2740.46	1/2	2992.44	1/2	3244.43	1/2	3496.41	1/2	3671.25
3/4	1989.31	3/4	2241.76	3/4	2493.73	3/4	2745.71	3/4	2997.69	3/4	3249.68	3/4	3501.66	3/4	3671.68
7	1994.57	7	2247.01	7	2498.98	7	2750.96	7	3002.94	7	3254.93	7	3506.91	7	3671.96
1/4	1999.83	1/4	2252.26	1/4	2504.23	1/4	2756.21	1/4	3008.19	1/4	3260.18	1/4	3512.16	1/4	3672.09
1/2	2005.09	1/2	2257.51	1/2	2509.48	1/2	2761.46	1/2	3013.44	1/2	3265.43	1/2	3517.41	1/2	3672.16
3/4	2010.35	3/4	2262.75	3/4	2514.73	3/4	2766.71	3/4	3018.69	3/4	3270.68	3/4	3522.66	3/4	3672.16
8	2015.61	8	2268.00	8	2519.98	8	2771.96	8	3023.94	8	3275.93	8	3527.91	Trim Correction	
1/4	2020.87	1/4	2273.25	1/4	2525.22	1/4	2777.21	1/4	3029.19	1/4	3281.18	1/4	3533.16	+12"	1 1/8
1/2	2026.13	1/2	2278.50	1/2	2530.47	1/2	2782.45	1/2	3034.44	1/2	3286.43	1/2	3538.41	+6"	5/8
3/4	2031.39	3/4	2283.75	3/4	2535.72	3/4	2787.70	3/4	3039.69	3/4	3291.68	3/4	3543.66	EVEN	0
9	2036.65	9	2289.00	9	2540.97	9	2792.95	9	3044.94	9	3296.93	9	3548.91	-6"	-5/8
1/4	2041.91	1/4	2294.25	1/4	2546.22	1/4	2798.20	1/4	3050.19	1/4	3302.18	1/4	3554.16	-1' 0"	-1 1/8
1/2	2047.17	1/2	2299.50	1/2	2551.47	1/2	2803.45	1/2	3055.44	1/2	3307.42	1/2	3559.41	-1'-6"	-1 3/4
3/4	2052.43	3/4	2304.75	3/4	2556.72	3/4	2808.70	3/4	3060.69	3/4	3312.67	3/4	3564.66	-2' 0"	-2 1/4
10	2057.69	10	2310.00	10	2561.97	10	2813.95	10	3065.94	10	3317.92	10	3569.91	-2'-6"	-2 7/8
1/4	2062.95	1/4	2315.25	1/4	2567.22	1/4	2819.20	1/4	3071.19	1/4	3323.17	1/4	3575.16	-3' 0"	-3 3/8
1/2	2068.21	1/2	2320.50	1/2	2572.47	1/2	2824.45	1/2	3076.44	1/2	3328.42	1/2	3580.41	-3'-6"	-4
3/4	2073.47	3/4	2325.75	3/4	2577.72	3/4	2829.70	3/4	3081.69	3/4	3333.67	3/4	3585.66	-4' 0"	-4 5/8
11	2078.73	11	2331.00	11	2582.97	11	2834.95	11	3086.94	11	3338.92	11	3590.91	-4'-6"	-5 1/8
1/4	2083.99	1/4	2336.25	1/4	2588.22	1/4	2840.20	1/4	3092.19	1/4	3344.17	1/4	3596.16	-5' 0"	-5 3/4
1/2	2089.25	1/2	2341.50	1/2	2593.47	1/2	2845.45	1/2	3097.44	1/2	3349.42	1/2	3599.95	-5'-6"	-6 1/4
3/4	2094.51	3/4	2346.75	3/4	2598.72	3/4	2850.70	3/4	3102.69	3/4	3354.67	3/4	3604.47	-6' 0"	-6 7/8

NOTE: GAUGE POINT: TO TOP LIP OF BALL VALVE, ON 19" DECK PIPE.

GAUGE FROM MMC/UTI STANDPIPE LOCATED NEAR GEOMETRIC CENTER OF TANK

NOTE: GAUGE POINT LOCATED OFF CENTER OF TANK - APPLY TRIM CORRECTION WHEN NOT ON EVEN KEEL.

REFERENCE GAUGE HEIGHT PORT: 17' 2"

REFERENCE GAUGE HEIGHT STARBOARD: 17' 2"

Calibrated: JF 1/15/2009

Calculation: WHF 1/31/2009

Re-Issued: August 6, 2009

For: Revised trim correction

BARGE GRIFCO 3809

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. 05-2540

IN	0 FT	IN	1 FT	IN	2 FT	IN	3 FT	IN	4 FT	IN	5 FT	IN	6 FT	IN	7 FT
0	0.00	0	102.52	0	404.85	0	707.82	0	1011.46	0	1315.93	0	1620.55	0	1925.18
1/4	0.05	1/4	108.67	1/4	411.16	1/4	714.14	1/4	1017.79	1/4	1322.28	1/4	1626.90	1/4	1931.53
1/2	0.09	1/2	114.85	1/2	417.47	1/2	720.45	1/2	1024.12	1/2	1328.63	1/2	1633.25	1/2	1937.87
3/4	0.14	3/4	121.04	3/4	423.78	3/4	726.76	3/4	1030.46	3/4	1334.97	3/4	1639.59	3/4	1944.22
1	0.19	1	127.26	1	430.10	1	733.07	1	1036.79	1	1341.32	1	1645.94	1	1950.57
1/4	0.23	1/4	133.50	1/4	436.41	1/4	739.37	1/4	1043.12	1/4	1347.67	1/4	1652.28	1/4	1956.91
1/2	0.28	1/2	139.77	1/2	442.72	1/2	745.68	1/2	1049.45	1/2	1354.01	1/2	1658.63	1/2	1963.26
3/4	0.33	3/4	146.06	3/4	449.03	3/4	751.98	3/4	1055.79	3/4	1360.36	3/4	1664.98	3/4	1969.61
2	0.37	2	152.37	2	455.34	2	758.28	2	1062.12	2	1366.70	2	1671.32	2	1975.95
1/4	0.42	1/4	158.68	1/4	461.66	1/4	764.58	1/4	1068.45	1/4	1373.05	1/4	1677.67	1/4	1982.30
1/2	0.47	1/2	164.99	1/2	467.97	1/2	770.88	1/2	1074.79	1/2	1379.40	1/2	1684.01	1/2	1988.65
3/4	0.51	3/4	171.31	3/4	474.28	3/4	777.19	3/4	1081.12	3/4	1385.74	3/4	1690.36	3/4	1994.99
3	0.56	3	177.62	3	480.59	3	783.49	3	1087.47	3	1392.09	3	1696.71	3	2001.34
1/4	0.61	1/4	183.93	1/4	486.90	1/4	789.79	1/4	1093.81	1/4	1398.44	1/4	1703.05	1/4	2007.69
1/2	0.65	1/2	190.24	1/2	493.22	1/2	796.09	1/2	1100.16	1/2	1404.78	1/2	1709.40	1/2	2014.03
3/4	0.70	3/4	196.55	3/4	499.53	3/4	802.40	3/4	1106.51	3/4	1411.13	3/4	1715.75	3/4	2020.38
4	0.75	4	202.87	4	505.84	4	808.74	4	1112.85	4	1417.48	4	1722.09	4	2026.72
1/4	0.79	1/4	209.18	1/4	512.15	1/4	815.09	1/4	1119.20	1/4	1423.82	1/4	1728.44	1/4	2033.07
1/2	0.84	1/2	215.49	1/2	518.46	1/2	821.44	1/2	1125.55	1/2	1430.17	1/2	1734.78	1/2	2039.42
3/4	0.89	3/4	221.80	3/4	524.78	3/4	827.78	3/4	1131.89	3/4	1436.51	3/4	1741.13	3/4	2045.76
5	0.93	5	228.11	5	531.09	5	834.13	5	1138.24	5	1442.86	5	1747.48	5	2052.11
1/4	0.98	1/4	234.42	1/4	537.40	1/4	840.46	1/4	1144.58	1/4	1449.21	1/4	1753.82	1/4	2058.46
1/2	1.03	1/2	240.73	1/2	543.71	1/2	846.80	1/2	1150.93	1/2	1455.55	1/2	1760.17	1/2	2064.80
3/4	1.07	3/4	247.05	3/4	550.02	3/4	853.13	3/4	1157.28	3/4	1461.90	3/4	1766.51	3/4	2071.15
6	1.12	6	253.36	6	556.34	6	859.46	6	1163.62	6	1468.25	6	1772.86	6	2077.50
1/4	1.50	1/4	259.67	1/4	562.65	1/4	865.80	1/4	1169.97	1/4	1474.59	1/4	1779.21	1/4	2083.84
1/2	2.27	1/2	265.98	1/2	568.96	1/2	872.13	1/2	1176.32	1/2	1480.94	1/2	1785.55	1/2	2090.19
3/4	3.43	3/4	272.29	3/4	575.27	3/4	878.46	3/4	1182.66	3/4	1487.28	3/4	1791.90	3/4	2096.54
7	4.98	7	278.61	7	581.58	7	884.80	7	1189.01	7	1493.63	7	1798.25	7	2102.88
1/4	6.93	1/4	284.92	1/4	587.90	1/4	891.13	1/4	1195.35	1/4	1499.98	1/4	1804.59	1/4	2109.23
1/2	9.28	1/2	291.23	1/2	594.21	1/2	897.46	1/2	1201.70	1/2	1506.32	1/2	1810.94	1/2	2115.58
3/4	12.02	3/4	297.54	3/4	600.52	3/4	903.80	3/4	1208.05	3/4	1512.67	3/4	1817.29	3/4	2121.92
8	15.16	8	303.86	8	606.83	8	910.13	8	1214.39	8	1519.02	8	1823.63	8	2128.27
1/4	18.69	1/4	310.17	1/4	613.14	1/4	916.46	1/4	1220.74	1/4	1525.36	1/4	1829.98	1/4	2134.62
1/2	22.62	1/2	316.48	1/2	619.46	1/2	922.79	1/2	1227.09	1/2	1531.71	1/2	1836.33	1/2	2140.96
3/4	26.95	3/4	322.79	3/4	625.77	3/4	929.13	3/4	1233.43	3/4	1538.05	3/4	1842.67	3/4	2147.31
9	31.68	9	329.10	9	632.08	9	935.46	9	1239.78	9	1544.40	9	1849.02	9	2153.66
1/4	36.80	1/4	335.42	1/4	638.39	1/4	941.79	1/4	1246.13	1/4	1550.75	1/4	1855.37	1/4	2160.00
1/2	42.32	1/2	341.73	1/2	644.70	1/2	948.13	1/2	1252.47	1/2	1557.09	1/2	1861.71	1/2	2166.35
3/4	48.23	3/4	348.04	3/4	651.02	3/4	954.46	3/4	1258.82	3/4	1563.44	3/4	1868.06	3/4	2172.70
10	54.17	10	354.35	10	657.33	10	960.79	10	1265.16	10	1569.79	10	1874.41	10	2179.04
1/4	60.14	1/4	360.66	1/4	663.64	1/4	967.13	1/4	1271.51	1/4	1576.13	1/4	1880.75	1/4	2185.39
1/2	66.12	1/2	366.98	1/2	669.95	1/2	973.46	1/2	1277.86	1/2	1582.48	1/2	1887.10	1/2	2191.74
3/4	72.13	3/4	373.29	3/4	676.26	3/4	979.79	3/4	1284.20	3/4	1588.82	3/4	1893.45	3/4	2198.08
11	78.16	11	379.60	11	682.58	11	986.12	11	1290.55	11	1595.17	11	1899.79	11	2204.43
1/4	84.22	1/4	385.91	1/4	688.89	1/4	992.46	1/4	1296.90	1/4	1601.52	1/4	1906.14	1/4	2210.78
1/2	90.30	1/2	392.22	1/2	695.20	1/2	998.79	1/2	1303.24	1/2	1607.86	1/2	1912.49	1/2	2217.12
3/4	96.40	3/4	398.54	3/4	701.51	3/4	1005.12	3/4	1309.59	3/4	1614.21	3/4	1918.83	3/4	2223.47

NOTE: GAUGE POINT: TO TOP LIP OF 10" GAUGE HATCH, ON EXPANSION TRUNK

NOTE: GAUGE POINT LOCATED FORWARD END OF TANK - APPLY TRIM CORRECTION WHEN NOT ON EVEN KEEL.

REFERENCE GAUGE HEIGHT PORT: 17' 2"

REFERENCE GAUGE HEIGHT STARBOARD: 17' 2"

Calibrated: JF 1/15/2009

Calculation: WHF 1/31/2009

Re-Issued: August 6, 2009

For: Revised trim correction

BARGE GRIFCO 3809

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. 05-2538

IN	8 FT	IN	9 FT	IN	10 FT	IN	11 FT	IN	12 FT	IN	13 FT	IN	14 FT	IN	15 FT
0	2229.82	0	2534.45	0	2838.84	0	3142.97	0	3357.44	0	3408.38	0	3459.31	0	3509.63
1/4	2236.16	1/4	2540.80	1/4	2845.17	1/4	3149.31	1/4	3358.50	1/4	3409.44	1/4	3460.37	1/4	3510.48
1/2	2242.51	1/2	2547.15	1/2	2851.51	1/2	3155.64	1/2	3359.56	1/2	3410.50	1/2	3461.44	1/2	3511.30
3/4	2248.86	3/4	2553.49	3/4	2857.85	3/4	3161.98	3/4	3360.62	3/4	3411.56	3/4	3462.50	3/4	3512.10
1	2255.20	1	2559.84	1	2864.18	1	3168.32	1	3361.68	1	3412.62	1	3463.56	1	3512.86
1/4	2261.55	1/4	2566.19	1/4	2870.52	1/4	3174.65	1/4	3362.74	1/4	3413.68	1/4	3464.62	1/4	3513.59
1/2	2267.90	1/2	2572.53	1/2	2876.85	1/2	3180.99	1/2	3363.81	1/2	3414.74	1/2	3465.68	1/2	3514.30
3/4	2274.24	3/4	2578.88	3/4	2883.19	3/4	3187.32	3/4	3364.87	3/4	3415.80	3/4	3466.74	3/4	3514.97
2	2280.59	2	2585.23	2	2889.53	2	3193.66	2	3365.93	2	3416.87	2	3467.80	2	3515.61
1/4	2286.94	1/4	2591.57	1/4	2895.86	1/4	3200.00	1/4	3366.99	1/4	3417.93	1/4	3468.86	1/4	3516.23
1/2	2293.28	1/2	2597.92	1/2	2902.20	1/2	3206.33	1/2	3368.05	1/2	3418.99	1/2	3469.93	1/2	3516.81
3/4	2299.63	3/4	2604.27	3/4	2908.53	3/4	3212.67	3/4	3369.11	3/4	3420.05	3/4	3470.99	3/4	3517.37
3	2305.98	3	2610.61	3	2914.87	3	3219.01	3	3370.17	3	3421.11	3	3472.05	3	3517.89
1/4	2312.32	1/4	2616.96	1/4	2921.21	1/4	3225.34	1/4	3371.23	1/4	3422.17	1/4	3473.11	1/4	3518.39
1/2	2318.67	1/2	2623.31	1/2	2927.54	1/2	3231.68	1/2	3372.30	1/2	3423.23	1/2	3474.17	1/2	3518.86
3/4	2325.02	3/4	2629.65	3/4	2933.88	3/4	3238.02	3/4	3373.36	3/4	3424.29	3/4	3475.23	3/4	3520.42
4	2331.36	4	2636.00	4	2940.22	4	3244.35	4	3374.42	4	3425.36	4	3476.29	4	3519.70
1/4	2337.71	1/4	2642.35	1/4	2946.55	1/4	3250.69	1/4	3375.48	1/4	3426.42	1/4	3477.35	1/4	3520.07
1/2	2344.05	1/2	2648.69	1/2	2952.89	1/2	3257.02	1/2	3376.54	1/2	3427.48	1/2	3478.42	1/2	3520.42
3/4	2350.40	3/4	2655.04	3/4	2959.22	3/4	3263.36	3/4	3377.60	3/4	3428.54	3/4	3479.48	3/4	3520.74
5	2356.75	5	2661.38	5	2965.56	5	3269.70	5	3378.66	5	3429.60	5	3480.54	5	3521.03
1/4	2363.09	1/4	2667.73	1/4	2971.90	1/4	3276.03	1/4	3379.72	1/4	3430.66	1/4	3481.60	1/4	3521.28
1/2	2369.44	1/2	2674.08	1/2	2978.23	1/2	3282.37	1/2	3380.78	1/2	3431.72	1/2	3482.66	1/2	3521.51
3/4	2375.79	3/4	2680.42	3/4	2984.57	3/4	3288.71	3/4	3381.85	3/4	3432.78	3/4	3483.72	3/4	3521.71
6	2382.13	6	2686.77	6	2990.90	6	3295.04	6	3382.91	6	3433.84	6	3484.78	6	3521.88
1/4	2388.48	1/4	2693.11	1/4	2997.24	1/4	3301.38	1/4	3383.97	1/4	3434.91	1/4	3485.84	1/4	3522.01
1/2	2394.83	1/2	2699.44	1/2	3003.58	1/2	3307.72	1/2	3385.03	1/2	3435.97	1/2	3486.90	1/2	3522.12
3/4	2401.17	3/4	2705.78	3/4	3009.91	3/4	3314.05	3/4	3386.09	3/4	3437.03	3/4	3487.97	3/4	3522.20
7	2407.52	7	2712.12	7	3016.25	7	3320.39	7	3387.15	7	3438.09	7	3489.03	7	3522.25
1/4	2413.87	1/4	2718.45	1/4	3022.58	1/4	3326.73	1/4	3388.21	1/4	3439.15	1/4	3490.09	1/4	3522.27
1/2	2420.21	1/2	2724.79	1/2	3028.92	1/2	3333.06	1/2	3389.27	1/2	3440.21	1/2	3491.15	1/2	3522.27
3/4	2426.56	3/4	2731.12	3/4	3035.26	3/4	3339.40	3/4	3390.34	3/4	3441.27	3/4	3492.21	3/4	3522.27
8	2432.91	8	2737.46	8	3041.59	8	3340.46	8	3391.40	8	3442.33	8	3493.27	Trim Correction	
1/4	2439.25	1/4	2743.80	1/4	3047.93	1/4	3341.52	1/4	3392.46	1/4	3443.40	1/4	3494.33	+12"	-1 3/8
1/2	2445.60	1/2	2750.13	1/2	3054.27	1/2	3342.58	1/2	3393.52	1/2	3444.46	1/2	3495.39	+6"	-3/4
3/4	2451.95	3/4	2756.47	3/4	3060.60	3/4	3343.64	3/4	3394.58	3/4	3445.52	3/4	3496.46	EVEN	0
9	2458.29	9	2762.80	9	3066.94	9	3344.70	9	3395.64	9	3446.58	9	3497.52	-6"	3/4
1/4	2464.64	1/4	2769.14	1/4	3073.27	1/4	3345.77	1/4	3396.70	1/4	3447.64	1/4	3498.58	-1' 0"	1 3/8
1/2	2470.99	1/2	2775.48	1/2	3079.61	1/2	3346.83	1/2	3397.76	1/2	3448.70	1/2	3499.64	-1'-6"	2 1/8
3/4	2477.33	3/4	2781.81	3/4	3085.95	3/4	3347.89	3/4	3398.83	3/4	3449.76	3/4	3500.70	-2' 0"	2 3/4
10	2483.68	10	2788.15	10	3092.28	10	3348.95	10	3399.89	10	3450.82	10	3501.76	-2'-6"	3 1/2
1/4	2490.03	1/4	2794.48	1/4	3098.62	1/4	3350.01	1/4	3400.95	1/4	3451.89	1/4	3502.82	-3' 0"	4 1/4
1/2	2496.37	1/2	2800.82	1/2	3104.95	1/2	3351.07	1/2	3402.01	1/2	3452.95	1/2	3503.88	-3'-6"	4 7/8
3/4	2502.72	3/4	2807.16	3/4	3111.29	3/4	3352.13	3/4	3403.07	3/4	3454.01	3/4	3504.92	-4' 0"	5 5/8
11	2509.07	11	2813.49	11	3117.63	11	3353.19	11	3404.13	11	3455.07	11	3505.92	-4'-6"	6 3/8
1/4	2515.41	1/4	2819.83	1/4	3123.96	1/4	3354.25	1/4	3405.19	1/4	3456.13	1/4	3506.89	-5' 0"	7
1/2	2521.76	1/2	2826.17	1/2	3130.30	1/2	3355.32	1/2	3406.25	1/2	3457.19	1/2	3507.83	-5'-6"	7 3/4
3/4	2528.11	3/4	2832.50	3/4	3136.63	3/4	3356.38	3/4	3407.31	3/4	3458.25	3/4	3508.74	-6' 0"	8 3/8

NOTE: GAUGE POINT: TO TOP LIP OF BALL VALVE, ON 19" DECK PIPE.

GAUGE FROM MMC/UTI STANDPIPE LOCATED NEAR GEOMETRIC CENTER OF TANK

NOTE: GAUGE POINT LOCATED FORWARD END OF TANK - APPLY TRIM CORRECTION WHEN NOT ON EVEN KEEL.

REFERENCE GAUGE HEIGHT PORT: 17' 2"

REFERENCE GAUGE HEIGHT STARBOARD: 17' 2"

Calibrated: JF 1/15/2009

Calculation: WHF 1/31/2009

Re-Issued: August 6, 2009

For: Revised trim correction

BARGE GRIFCO 3809

ULLAGE TABLE TANK: 1 Port

CAPACITIES IN U.S. BARRELS

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

HULL No. 05-2540

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	4014.09	0	3742.48	0	3451.59	0	3160.25	0	2867.79	0	2575.33	0	2282.84	0	1990.34
1/4	4010.45	1/4	3736.42	1/4	3445.53	1/4	3154.16	1/4	2861.70	1/4	2569.24	1/4	2276.74	1/4	1984.25
1/2	4006.63	1/2	3730.36	1/2	3439.47	1/2	3148.06	1/2	2855.61	1/2	2563.14	1/2	2270.65	1/2	1978.16
3/4	4002.65	3/4	3724.30	#N/A	3433.41	3/4	3141.97	3/4	2849.52	3/4	2557.05	3/4	2264.56	3/4	1972.06
1	3998.49	1	3718.24	1	3427.35	1	3135.88	1	2843.42	1	2550.95	1	2258.46	1	1965.97
1/4	3994.17	1/4	3712.18	1/4	3421.29	1/4	3129.78	1/4	2837.33	1/4	2544.86	1/4	2252.37	1/4	1959.88
1/2	3989.68	1/2	3706.12	1/2	3415.23	1/2	3123.69	1/2	2831.24	1/2	2538.77	1/2	2246.27	1/2	1953.78
3/4	3985.01	3/4	3700.06	3/4	3409.17	3/4	3117.60	3/4	2825.14	3/4	2532.67	3/4	2240.18	3/4	1947.69
2	3980.18	2	3694.00	2	3403.11	2	3111.51	2	2819.05	2	2526.58	2	2234.09	2	1941.59
1/4	3975.78	1/4	3687.94	1/4	3397.05	1/4	3105.41	1/4	2812.96	1/4	2520.49	1/4	2227.99	1/4	1935.50
1/2	3970.01	1/2	3681.88	1/2	3390.99	1/2	3099.32	1/2	2806.87	1/2	2514.39	1/2	2221.90	1/2	1929.41
3/4	3964.67	3/4	3675.82	3/4	3384.93	3/4	3093.23	3/4	2800.77	3/4	2508.30	3/4	2215.81	3/4	1923.31
3	3959.17	3	3669.76	3	3378.87	3	3087.14	3	2794.68	3	2502.21	3	2209.71	3	1917.22
1/4	3953.49	1/4	3663.70	1/4	3372.81	1/4	3081.04	1/4	2788.59	1/4	2496.11	1/4	2203.62	1/4	1911.13
1/2	3947.64	1/2	3657.63	1/2	3366.75	1/2	3074.95	1/2	2782.50	1/2	2490.02	1/2	2197.53	1/2	1905.03
3/4	3941.63	3/4	3651.57	3/4	3360.69	3/4	3068.86	3/4	2776.40	3/4	2483.92	3/4	2191.43	3/4	1898.94
4	3935.61	4	3645.51	4	3354.63	4	3062.76	4	2770.31	4	2477.83	4	2185.34	4	1892.85
1/4	3929.59	1/4	3639.45	1/4	3348.57	1/4	3056.67	1/4	2764.22	1/4	2471.74	1/4	2179.24	1/4	1886.75
1/2	3923.58	1/2	3633.39	1/2	3342.51	1/2	3050.58	1/2	2758.12	1/2	2465.64	1/2	2173.15	1/2	1880.66
3/4	3917.56	3/4	3627.33	3/4	3336.45	3/4	3044.49	3/4	2752.03	3/4	2459.55	3/4	2167.06	3/4	1874.56
5	3911.54	5	3621.27	5	3330.39	5	3038.39	5	2745.94	5	2453.46	5	2160.96	5	1868.47
1/4	3905.53	1/4	3615.21	1/4	3324.33	1/4	3032.30	1/4	2739.85	1/4	2447.36	1/4	2154.87	1/4	1862.38
1/2	3899.51	1/2	3609.15	1/2	3318.27	1/2	3026.21	1/2	2733.75	1/2	2441.27	1/2	2148.78	1/2	1856.28
3/4	3893.50	3/4	3603.09	3/4	3312.21	3/4	3020.11	3/4	2727.66	3/4	2435.18	3/4	2142.68	3/4	1850.19
6	3887.48	6	3597.03	6	3306.15	6	3014.02	6	2721.57	6	2429.08	6	2136.59	6	1844.10
1/4	3881.46	1/4	3590.97	1/4	3300.09	1/4	3007.93	1/4	2715.47	1/4	2422.99	1/4	2130.50	1/4	1838.00
1/2	3875.45	1/2	3584.91	1/2	3294.03	1/2	3001.84	1/2	2709.38	1/2	2416.90	1/2	2124.40	1/2	1831.91
3/4	3869.43	3/4	3578.85	3/4	3287.97	3/4	2995.74	3/4	2703.29	3/4	2410.80	3/4	2118.31	3/4	1825.82
7	3863.41	7	3572.79	7	3281.91	7	2989.65	7	2697.20	7	2404.71	7	2112.22	7	1819.72
1/4	3857.40	1/4	3566.73	1/4	3275.85	1/4	2983.56	1/4	2691.10	1/4	2398.61	1/4	2106.12	1/4	1813.63
1/2	3851.38	1/2	3560.67	1/2	3269.79	1/2	2977.46	1/2	2685.01	1/2	2392.52	1/2	2100.03	1/2	1807.54
3/4	3845.37	3/4	3554.61	3/4	3263.73	3/4	2971.37	3/4	2678.92	3/4	2386.43	3/4	2093.93	3/4	1801.44
8	3839.35	8	3548.55	8	3257.67	8	2965.28	8	2672.82	8	2380.33	8	2087.84	8	1795.35
1/4	3833.33	1/4	3542.49	1/4	3251.61	1/4	2959.19	1/4	2666.73	1/4	2374.24	1/4	2081.75	1/4	1789.25
1/2	3827.32	1/2	3536.43	1/2	3245.55	1/2	2953.09	1/2	2660.64	1/2	2368.15	1/2	2075.65	1/2	1783.16
3/4	3821.26	3/4	3530.37	3/4	3239.46	3/4	2947.00	3/4	2654.55	3/4	2362.05	3/4	2069.56	3/4	1777.07
9	3815.20	9	3524.31	9	3233.36	9	2940.91	9	2648.45	9	2355.96	9	2063.47	9	1770.97
1/4	3809.14	1/4	3518.25	1/4	3227.27	1/4	2934.82	1/4	2642.36	1/4	2349.87	1/4	2057.37	1/4	1764.88
1/2	3803.08	1/2	3512.19	1/2	3221.18	1/2	2928.72	1/2	2636.26	1/2	2343.77	1/2	2051.28	1/2	1758.79
3/4	3797.02	3/4	3506.13	3/4	3215.08	3/4	2922.63	3/4	2630.17	3/4	2337.68	3/4	2045.19	3/4	1752.69
10	3790.96	10	3500.07	10	3208.99	10	2916.54	10	2624.08	10	2331.58	10	2039.09	10	1746.60
1/4	3784.90	1/4	3494.01	1/4	3202.90	1/4	2910.44	1/4	2617.98	1/4	2325.49	1/4	2033.00	1/4	1740.51
1/2	3778.84	1/2	3487.95	1/2	3196.81	1/2	2904.35	1/2	2611.89	1/2	2319.40	1/2	2026.90	1/2	1734.41
3/4	3772.78	3/4	3481.89	3/4	3190.71	3/4	2898.26	3/4	2605.80	3/4	2313.30	3/4	2020.81	3/4	1728.32
11	3766.72	11	3475.83	11	3184.62	11	2892.17	11	2599.70	11	2307.21	11	2014.72	11	1722.22
1/4	3760.66	1/4	3469.77	1/4	3178.53	1/4	2886.07	1/4	2593.61	1/4	2301.12	1/4	2008.62	1/4	1716.13
1/2	3754.60	1/2	3463.71	1/2	3172.43	1/2	2879.98	1/2	2587.52	1/2	2295.02	1/2	2002.53	1/2	1710.04
3/4	3748.54	3/4	3457.65	3/4	3166.34	3/4	2873.89	3/4	2581.42	3/4	2288.93	3/4	1996.44	3/4	1703.94

NOTE: GAUGE POINT: TO TOP LIP OF 10" GAUGE HATCH, ON EXPANSION TRUNK

NOTE: GAUGE POINT LOCATED NEAR AFT OF TANK - TRIM CORRECTION REQUIRED.

REFERENCE GAUGE HEIGHT PORT: 17' 2"

NOTE: FOR ULLAGES LESS THAN 2' 00" USE INNAE TABLE (INNAE BY ULLAGE)

Calibrated: JF 1/22/2009

Calculation: WHF 3/20/2009

Re-Issued: August 6, 2009

For: Revised trim correction

BARGE GRIFCO 3809

ULLAGE TABLE TANK: 2 Port

CAPACITIES IN U.S. BARRELS

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

HULL No. 05-2540

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	1805.91	0	1527.44	0	1248.98	0	970.56	0	692.88	0	416.10	0	139.29	0	0.37
1/4	1800.11	1/4	1521.64	1/4	1243.18	1/4	964.77	1/4	687.12	1/4	410.34	1/4	133.52	1/4	0.33
1/2	1794.31	1/2	1515.84	1/2	1237.38	1/2	958.98	1/2	681.37	1/2	404.57	1/2	127.77	1/2	0.28
3/4	1788.51	3/4	1510.04	3/4	1231.58	3/4	953.20	3/4	675.61	3/4	398.80	3/4	122.05	3/4	0.23
1	1782.70	1	1504.24	1	1225.78	1	947.41	1	669.85	1	393.03	1	116.35	1	0.19
1/4	1776.90	1/4	1498.44	1/4	1219.98	1/4	941.62	1/4	664.08	1/4	387.27	1/4	110.67	1/4	0.14
1/2	1771.10	1/2	1492.64	1/2	1214.18	1/2	935.83	1/2	658.32	1/2	381.50	1/2	105.00	1/2	0.09
3/4	1765.30	3/4	1486.83	3/4	1208.37	3/4	930.04	3/4	652.55	3/4	375.73	3/4	99.37	3/4	0.05
2	1759.50	2	1481.03	2	1202.57	2	924.26	2	646.78	2	369.97	2	93.75	2	0.00
1/4	1753.70	1/4	1475.23	1/4	1196.77	1/4	918.47	1/4	641.02	1/4	364.20	1/4	88.15	1/4	
1/2	1747.90	1/2	1469.43	1/2	1190.97	1/2	912.68	1/2	635.25	1/2	358.43	1/2	82.58	1/2	
3/4	1742.09	3/4	1463.63	3/4	1185.17	3/4	906.89	3/4	629.48	3/4	352.67	3/4	77.02	3/4	
3	1736.29	3	1457.83	3	1179.37	3	901.10	3	623.72	3	346.90	3	71.49	3	
1/4	1730.49	1/4	1452.03	1/4	1173.57	1/4	895.32	1/4	617.95	1/4	341.13	1/4	65.98	1/4	
1/2	1724.69	1/2	1446.23	1/2	1167.77	1/2	889.53	1/2	612.18	1/2	335.36	1/2	60.49	1/2	
3/4	1718.89	3/4	1440.43	3/4	1161.96	3/4	883.74	3/4	606.41	3/4	329.60	3/4	55.02	3/4	
4	1713.09	4	1434.62	4	1156.16	4	877.95	4	600.65	4	323.83	4	49.57	4	
1/4	1707.28	1/4	1428.82	1/4	1150.36	1/4	872.16	1/4	594.88	1/4	318.06	1/4	44.15	1/4	
1/2	1701.48	1/2	1423.02	1/2	1144.56	1/2	866.38	1/2	589.11	1/2	312.30	1/2	38.74	1/2	
3/4	1695.68	3/4	1417.22	3/4	1138.76	3/4	860.59	3/4	583.35	3/4	306.53	3/4	33.70	3/4	
5	1689.88	5	1411.42	5	1132.96	5	854.80	5	577.58	5	300.76	5	29.02	5	
1/4	1684.08	1/4	1405.62	1/4	1127.16	1/4	849.01	1/4	571.81	1/4	295.00	1/4	24.70	1/4	
1/2	1678.28	1/2	1399.82	1/2	1121.36	1/2	843.22	1/2	566.05	1/2	289.23	1/2	20.75	1/2	
3/4	1672.47	3/4	1394.02	3/4	1115.55	3/4	837.44	3/4	560.28	3/4	283.46	3/4	17.16	3/4	
6	1666.67	6	1388.22	6	1109.75	6	831.65	6	554.51	6	277.69	6	13.93	6	
1/4	1660.87	1/4	1382.41	1/4	1103.95	1/4	825.86	1/4	548.74	1/4	271.93	1/4	11.06	1/4	
1/2	1655.07	1/2	1376.61	1/2	1098.15	1/2	820.07	1/2	542.98	1/2	266.16	1/2	8.56	1/2	
3/4	1649.27	3/4	1370.81	3/4	1092.35	3/4	814.28	3/4	537.21	3/4	260.39	3/4	6.42	3/4	
7	1643.47	7	1365.01	7	1086.55	7	808.50	7	531.44	7	254.63	7	4.64	7	
1/4	1637.66	1/4	1359.21	1/4	1080.75	1/4	802.71	1/4	525.68	1/4	248.86	1/4	3.23	1/4	
1/2	1631.86	1/2	1353.41	1/2	1074.94	1/2	796.92	1/2	519.91	1/2	243.09	1/2	2.17	1/2	
3/4	1626.06	3/4	1347.61	3/4	1069.14	3/4	791.13	3/4	514.14	3/4	237.32	3/4	1.46	3/4	
8	1620.26	8	1341.80	8	1063.34	8	785.34	8	508.38	8	231.56	8	1.12	8	
1/4	1614.46	1/4	1336.00	1/4	1057.54	1/4	779.55	1/4	502.61	1/4	225.79	1/4	1.07	1/4	
1/2	1608.66	1/2	1330.20	1/2	1051.74	1/2	773.77	1/2	496.84	1/2	220.02	1/2	1.03	1/2	
3/4	1602.86	3/4	1324.40	3/4	1045.94	3/4	767.98	3/4	491.07	3/4	214.26	3/4	0.98	3/4	
9	1597.06	9	1318.60	9	1040.14	9	762.19	9	485.31	9	208.49	9	0.93	9	
1/4	1591.25	1/4	1312.80	1/4	1034.34	1/4	756.39	1/4	479.54	1/4	202.72	1/4	0.89	1/4	
1/2	1585.45	1/2	1307.00	1/2	1028.53	1/2	750.59	1/2	473.77	1/2	196.96	1/2	0.84	1/2	
3/4	1579.65	3/4	1301.20	3/4	1022.73	3/4	744.78	3/4	468.01	3/4	191.19	3/4	0.79	3/4	
10	1573.85	10	1295.39	10	1016.93	10	738.98	10	462.24	10	185.43	10	0.75	10	
1/4	1568.05	1/4	1289.59	1/4	1011.13	1/4	733.18	1/4	456.47	1/4	179.66	1/4	0.70	1/4	
1/2	1562.25	1/2	1283.79	1/2	1005.33	1/2	727.42	1/2	450.70	1/2	173.89	1/2	0.65	1/2	
3/4	1556.45	3/4	1277.99	3/4	999.53	3/4	721.66	3/4	444.94	3/4	168.12	3/4	0.61	3/4	
11	1550.65	11	1272.19	11	993.73	11	715.91	11	439.17	11	162.36	11	0.56	11	
1/4	1544.85	1/4	1266.39	1/4	987.93	1/4	710.15	1/4	433.40	1/4	156.59	1/4	0.51	1/4	
1/2	1539.04	1/2	1260.59	1/2	982.14	1/2	704.39	1/2	427.64	1/2	150.82	1/2	0.47	1/2	
3/4	1533.24	3/4	1254.79	3/4	976.35	3/4	698.64	3/4	421.87	3/4	145.05	3/4	0.42	3/4	

NOTE: GAUGE POINT: TO TOP LIP OF 10" GAUGE HATCH, ON EXPANSION TRUNK

NOTE: GAUGE POINT LOCATED NEAR AFT OF TANK - TRIM CORRECTION REQUIRED.

REFERENCE GAUGE HEIGHT PORT: 17' 2"

NOTE: FOR ULLAGES LESS THAN 2' 00" USE INNAGE TABLE (INNAGE BY ULLAGE)

Calibrated: JF 1/22/2009
 Calculation: WHF 3/20/2009
 Re-issued: August 6, 2009
 For: Revised trim correction

BARGE GRIFCO 3809

ULLAGE TABLE TANK: 2 Stbd

CAPACITIES IN U.S. BARRELS

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

HULL No. 05-2540

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	4014.01	0	3752.94	0	3474.95	0	3196.97	0	2918.98	0	2641.01	0	2362.86	0	2084.39
1/4	4010.47	1/4	3747.15	1/4	3469.16	1/4	3191.18	1/4	2913.19	1/4	2635.21	1/4	2357.06	1/4	2078.59
1/2	4006.77	1/2	3741.36	1/2	3463.37	1/2	3185.38	1/2	2907.40	1/2	2629.42	1/2	2351.26	1/2	2072.78
3/4	4002.92	3/4	3735.57	3/4	3457.58	3/4	3179.59	3/4	2901.61	3/4	2623.63	3/4	2345.46	3/4	2066.98
1	3998.90	1	3729.78	1	3451.79	1	3173.80	1	2895.81	1	2617.84	1	2339.66	1	2061.18
1/4	3994.72	1/4	3723.98	1/4	3446.00	1/4	3168.01	1/4	2890.02	1/4	2612.05	1/4	2333.86	1/4	2055.38
1/2	3990.38	1/2	3718.19	1/2	3440.21	1/2	3162.22	1/2	2884.23	1/2	2606.26	1/2	2328.06	1/2	2049.58
3/4	3985.88	3/4	3712.40	3/4	3434.41	3/4	3156.43	3/4	2878.44	3/4	2600.47	3/4	2322.25	3/4	2043.78
2	3981.21	2	3706.61	2	3428.62	2	3150.64	2	2872.65	2	2594.68	2	2316.45	2	2037.98
1/4	3976.39	1/4	3700.82	1/4	3422.83	1/4	3144.84	1/4	2866.86	1/4	2588.89	1/4	2310.65	1/4	2032.17
1/2	3971.40	1/2	3695.03	1/2	3417.04	1/2	3139.05	1/2	2861.07	1/2	2583.09	1/2	2304.85	1/2	2026.37
3/4	3966.26	3/4	3689.24	3/4	3411.25	3/4	3133.26	3/4	2855.28	3/4	2577.30	3/4	2299.05	3/4	2020.57
3	3960.95	3	3683.44	3	3405.46	3	3127.47	3	2849.49	3	2571.51	3	2293.25	3	2014.77
1/4	3955.48	1/4	3677.65	1/4	3399.67	1/4	3121.68	1/4	2843.69	1/4	2565.72	1/4	2287.44	1/4	2008.97
1/2	3949.85	1/2	3671.86	1/2	3393.87	1/2	3115.89	1/2	2837.90	1/2	2559.93	1/2	2281.64	1/2	2003.17
3/4	3944.06	3/4	3666.07	3/4	3388.08	3/4	3110.10	3/4	2832.11	3/4	2554.14	3/4	2275.84	3/4	1997.36
4	3938.27	4	3660.28	4	3382.29	4	3104.30	4	2826.32	4	2548.35	4	2270.04	4	1991.56
1/4	3932.47	1/4	3654.49	1/4	3376.50	1/4	3098.51	1/4	2820.53	1/4	2542.56	1/4	2264.24	1/4	1985.76
1/2	3926.68	1/2	3648.70	1/2	3370.71	1/2	3092.72	1/2	2814.74	1/2	2536.77	1/2	2258.44	1/2	1979.96
3/4	3920.89	3/4	3642.90	3/4	3364.92	3/4	3086.93	3/4	2808.95	3/4	2530.97	3/4	2252.63	3/4	1974.16
5	3915.10	5	3637.11	5	3359.13	5	3081.14	5	2803.16	5	2525.18	5	2246.83	5	1968.36
1/4	3909.31	1/4	3631.32	1/4	3353.33	1/4	3075.35	1/4	2797.37	1/4	2519.39	1/4	2241.03	1/4	1962.55
1/2	3903.52	1/2	3625.53	1/2	3347.54	1/2	3069.56	1/2	2791.57	1/2	2513.60	1/2	2235.23	1/2	1956.75
3/4	3897.73	3/4	3619.74	3/4	3341.75	3/4	3063.76	3/4	2785.78	3/4	2507.81	3/4	2229.43	3/4	1950.95
6	3891.94	6	3613.95	6	3335.96	6	3057.97	6	2779.99	6	2502.02	6	2223.63	6	1945.15
1/4	3886.14	1/4	3608.16	1/4	3330.17	1/4	3052.18	1/4	2774.20	1/4	2496.23	1/4	2217.82	1/4	1939.35
1/2	3880.35	1/2	3602.37	1/2	3324.38	1/2	3046.39	1/2	2768.41	1/2	2490.44	1/2	2212.02	1/2	1933.55
3/4	3874.56	3/4	3596.57	3/4	3318.59	3/4	3040.60	3/4	2762.62	3/4	2484.65	3/4	2206.22	3/4	1927.74
7	3868.77	7	3590.78	7	3312.80	7	3034.81	7	2756.83	7	2478.85	7	2200.42	7	1921.94
1/4	3862.98	1/4	3584.99	1/4	3307.00	1/4	3029.02	1/4	2751.04	1/4	2473.06	1/4	2194.62	1/4	1916.14
1/2	3857.19	1/2	3579.20	1/2	3301.21	1/2	3023.23	1/2	2745.25	1/2	2467.27	1/2	2188.82	1/2	1910.34
3/4	3851.40	3/4	3573.41	3/4	3295.42	3/4	3017.43	3/4	2739.45	3/4	2461.48	3/4	2183.02	3/4	1904.54
8	3845.60	8	3567.62	8	3289.63	8	3011.64	8	2733.66	8	2455.69	8	2177.21	8	1898.74
1/4	3839.81	1/4	3561.83	1/4	3283.84	1/4	3005.85	1/4	2727.87	1/4	2449.89	1/4	2171.41	1/4	1892.94
1/2	3834.02	1/2	3556.03	1/2	3278.05	1/2	3000.06	1/2	2722.08	1/2	2444.09	1/2	2165.61	1/2	1887.13
3/4	3828.23	3/4	3550.24	3/4	3272.26	3/4	2994.27	3/4	2716.29	3/4	2438.29	3/4	2159.81	3/4	1881.33
9	3822.44	9	3544.45	9	3266.46	9	2988.48	9	2710.50	9	2432.48	9	2154.01	9	1875.53
1/4	3816.65	1/4	3538.66	1/4	3260.67	1/4	2982.69	1/4	2704.71	1/4	2426.68	1/4	2148.21	1/4	1869.73
1/2	3810.86	1/2	3532.87	1/2	3254.88	1/2	2976.89	1/2	2698.92	1/2	2420.88	1/2	2142.40	1/2	1863.93
3/4	3805.06	3/4	3527.08	3/4	3249.09	3/4	2971.10	3/4	2693.13	3/4	2415.08	3/4	2136.60	3/4	1858.13
10	3799.27	10	3521.29	10	3243.30	10	2965.31	10	2687.33	10	2409.28	10	2130.80	10	1852.32
1/4	3793.48	1/4	3515.49	1/4	3237.51	1/4	2959.52	1/4	2681.54	1/4	2403.48	1/4	2125.00	1/4	1846.52
1/2	3787.69	1/2	3509.70	1/2	3231.72	1/2	2953.73	1/2	2675.75	1/2	2397.67	1/2	2119.20	1/2	1840.72
3/4	3781.90	3/4	3503.91	3/4	3225.92	3/4	2947.94	3/4	2669.96	3/4	2391.87	3/4	2113.40	3/4	1834.92
11	3776.11	11	3498.12	11	3220.13	11	2942.15	11	2664.17	11	2386.07	11	2107.59	11	1829.12
1/4	3770.32	1/4	3492.33	1/4	3214.34	1/4	2936.35	1/4	2658.38	1/4	2380.27	1/4	2101.79	1/4	1823.32
1/2	3764.52	1/2	3486.54	1/2	3208.55	1/2	2930.56	1/2	2652.59	1/2	2374.47	1/2	2095.99	1/2	1817.51
3/4	3758.73	3/4	3480.75	3/4	3202.76	3/4	2924.77	3/4	2646.80	3/4	2368.67	3/4	2090.19	3/4	1811.71

NOTE: GAUGE POINT: TO TOP LIP OF 10" GAUGE HATCH, ON EXPANSION TRUNK

NOTE: GAUGE POINT LOCATED NEAR AFT OF TANK - TRIM CORRECTION REQUIRED.

REFERENCE GAUGE HEIGHT STARBOARD: 17.2"

NOTE: F

Calibrated: JF 1/22/2009

Calculation: WHF 3/20/2009

Re-Issued:

BARGE GRIFCO 3809

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

ULLAGE TABLE TANK: 2 Stbd

HULL No. 05-2540

CAPACITIES IN U.S. BARRELS

10 FT		11 FT		12 FT		13 FT		14 FT		15 FT		16 FT		17 FT	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
	1805.91		1527.44		1248.98		970.56		692.88		416.10		139.29		0.37
1/4	1800.11	1/4	1521.64	1/4	1243.18	1/4	964.77	1/4	687.12	1/4	410.34	1/4	133.52	1/4	0.33
1/2	1794.31	1/2	1515.84	1/2	1237.38	1/2	958.98	1/2	681.37	1/2	404.57	1/2	127.77	1/2	0.28
3/4	1788.51	3/4	1510.04	3/4	1231.58	3/4	953.20	3/4	675.61	3/4	398.80	3/4	122.05	3/4	0.23
1	1782.70	1	1504.24	1	1225.78	1	947.41	1	669.85	1	393.03	1	116.35	1	0.19
1/4	1776.90	1/4	1498.44	1/4	1219.98	1/4	941.62	1/4	664.08	1/4	387.27	1/4	110.67	1/4	0.14
1/2	1771.10	1/2	1492.64	1/2	1214.18	1/2	935.83	1/2	658.32	1/2	381.50	1/2	105.00	1/2	0.09
3/4	1765.30	3/4	1486.83	3/4	1208.37	3/4	930.04	3/4		3/4					

BARGE GRIFCO 3809

ULLAGE TABLE TANK: 3 Port

CAPACITIES IN U.S. BARRELS

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

HULL No. 05-2540

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	3638.56	0	3401.92	0	3149.93	0	2897.95	0	2645.96	0	2393.99	0	2141.85	0	1889.38
1/4	3635.36	1/4	3396.67	1/4	3144.68	1/4	2892.70	1/4	2640.71	1/4	2388.74	1/4	2136.59	1/4	1884.12
1/2	3632.01	1/2	3391.42	1/2	3139.43	1/2	2887.45	1/2	2635.46	1/2	2383.49	1/2	2131.33	1/2	1878.86
3/4	3628.51	3/4	3386.17	#N/A	3134.18	3/4	2882.20	3/4	2630.21	3/4	2378.24	3/4	2126.07	3/4	1873.60
1	3624.87	1	3380.92	1	3128.94	1	2876.95	1	2624.96	1	2372.99	1	2120.81	1	1868.34
1/4	3621.08	1/4	3375.67	1/4	3123.69	1/4	2871.70	1/4	2619.71	1/4	2367.74	1/4	2115.55	1/4	1863.08
1/2	3617.15	1/2	3370.42	1/2	3118.44	1/2	2866.45	1/2	2614.46	1/2	2362.49	1/2	2110.29	1/2	1857.82
3/4	3613.07	3/4	3365.17	3/4	3113.19	3/4	2861.20	3/4	2609.22	3/4	2357.24	3/4	2105.03	3/4	1852.56
2	3608.84	2	3359.92	2	3107.94	2	2855.95	2	2603.97	2	2351.99	2	2099.77	2	1847.30
1/4	3604.47	1/4	3354.67	1/4	3102.69	1/4	2850.70	1/4	2598.72	1/4	2346.75	1/4	2094.51	1/4	1842.04
1/2	3599.95	1/2	3349.42	1/2	3097.44	1/2	2845.45	1/2	2593.47	1/2	2341.50	1/2	2089.25	1/2	1836.78
3/4	3595.28	3/4	3344.17	3/4	3092.19	3/4	2840.20	3/4	2588.22	3/4	2336.25	3/4	2083.99	3/4	1831.52
3	3590.47	3	3338.92	3	3086.94	3	2834.95	3	2582.97	3	2331.00	3	2078.73	3	1826.26
1/4	3585.51	1/4	3333.67	1/4	3081.69	1/4	2829.70	1/4	2577.72	1/4	2325.75	1/4	2073.47	1/4	1821.00
1/2	3580.41	1/2	3328.42	1/2	3076.44	1/2	2824.45	1/2	2572.47	1/2	2320.50	1/2	2068.21	1/2	1815.74
3/4	3575.16	3/4	3323.17	3/4	3071.19	3/4	2819.20	3/4	2567.22	3/4	2315.25	3/4	2062.95	3/4	1810.48
4	3569.91	4	3317.92	4	3065.94	4	2813.95	4	2561.97	4	2310.00	4	2057.69	4	1805.22
1/4	3564.66	1/4	3312.67	1/4	3060.69	1/4	2808.70	1/4	2556.72	1/4	2304.75	1/4	2052.43	1/4	1799.96
1/2	3559.41	1/2	3307.42	1/2	3055.44	1/2	2803.45	1/2	2551.47	1/2	2299.50	1/2	2047.17	1/2	1794.70
3/4	3554.16	3/4	3302.18	3/4	3050.19	3/4	2798.20	3/4	2546.22	3/4	2294.25	3/4	2041.91	3/4	1789.44
5	3548.91	5	3296.93	5	3044.94	5	2792.95	5	2540.97	5	2289.00	5	2036.65	5	1784.18
1/4	3543.66	1/4	3291.68	1/4	3039.69	1/4	2787.70	1/4	2535.72	1/4	2283.75	1/4	2031.39	1/4	1778.92
1/2	3538.41	1/2	3286.43	1/2	3034.44	1/2	2782.45	1/2	2530.47	1/2	2278.50	1/2	2026.13	1/2	1773.66
3/4	3533.16	3/4	3281.18	3/4	3029.19	3/4	2777.21	3/4	2525.22	3/4	2273.25	3/4	2020.87	3/4	1768.40
6	3527.91	6	3275.93	6	3023.94	6	2771.96	6	2519.98	6	2268.00	6	2015.61	6	1763.14
1/4	3522.66	1/4	3270.68	1/4	3018.69	1/4	2766.71	1/4	2514.73	1/4	2262.75	1/4	2010.35	1/4	1757.88
1/2	3517.41	1/2	3265.43	1/2	3013.44	1/2	2761.46	1/2	2509.48	1/2	2257.51	1/2	2005.09	1/2	1752.62
3/4	3512.16	3/4	3260.18	3/4	3008.19	3/4	2756.21	3/4	2504.23	3/4	2252.26	3/4	1999.83	3/4	1747.36
7	3506.91	7	3254.93	7	3002.94	7	2750.96	7	2498.98	7	2247.01	7	1994.57	7	1742.10
1/4	3501.66	1/4	3249.68	1/4	2997.69	1/4	2745.71	1/4	2493.73	1/4	2241.76	1/4	1989.31	1/4	1736.84
1/2	3496.41	1/2	3244.43	1/2	2992.44	1/2	2740.46	1/2	2488.48	1/2	2236.51	1/2	1984.05	1/2	1731.58
3/4	3491.16	3/4	3239.18	3/4	2987.19	3/4	2735.21	3/4	2483.23	3/4	2231.26	3/4	1978.79	3/4	1726.32
8	3485.91	8	3233.93	8	2981.94	8	2729.96	8	2477.98	8	2226.01	8	1973.53	8	1721.06
1/4	3480.66	1/4	3228.68	1/4	2976.69	1/4	2724.71	1/4	2472.73	1/4	2220.75	1/4	1968.27	1/4	1715.80
1/2	3475.42	1/2	3223.43	1/2	2971.44	1/2	2719.46	1/2	2467.48	1/2	2215.49	1/2	1963.01	1/2	1710.54
3/4	3470.17	3/4	3218.18	3/4	2966.19	3/4	2714.21	3/4	2462.23	3/4	2210.23	3/4	1957.75	3/4	1705.28
9	3464.92	9	3212.93	9	2960.94	9	2708.96	9	2456.98	9	2204.97	9	1952.49	9	1700.02
1/4	3459.67	1/4	3207.68	1/4	2955.69	1/4	2703.71	1/4	2451.73	1/4	2199.71	1/4	1947.23	1/4	1694.76
1/2	3454.42	1/2	3202.43	1/2	2950.45	1/2	2698.46	1/2	2446.48	1/2	2194.45	1/2	1941.97	1/2	1689.50
3/4	3449.17	3/4	3197.18	3/4	2945.20	3/4	2693.21	3/4	2441.23	3/4	2189.19	3/4	1936.71	3/4	1684.24
10	3443.92	10	3191.93	10	2939.95	10	2687.96	10	2435.99	10	2183.93	10	1931.45	10	1678.98
1/4	3438.67	1/4	3186.68	1/4	2934.70	1/4	2682.71	1/4	2430.74	1/4	2178.67	1/4	1926.19	1/4	1673.72
1/2	3433.42	1/2	3181.43	1/2	2929.45	1/2	2677.46	1/2	2425.49	1/2	2173.41	1/2	1920.93	1/2	1668.46
3/4	3428.17	3/4	3176.18	3/4	2924.20	3/4	2672.21	3/4	2420.24	3/4	2168.15	3/4	1915.68	3/4	1663.20
11	3422.92	11	3170.93	11	2918.95	11	2666.96	11	2414.99	11	2162.89	11	1910.42	11	1657.94
1/4	3417.67	1/4	3165.68	1/4	2913.70	1/4	2661.71	1/4	2409.74	1/4	2157.63	1/4	1905.16	1/4	1652.68
1/2	3412.42	1/2	3160.43	1/2	2908.45	1/2	2656.46	1/2	2404.49	1/2	2152.37	1/2	1899.90	1/2	1647.42
3/4	3407.17	3/4	3155.18	3/4	2903.20	3/4	2651.21	3/4	2399.24	3/4	2147.11	3/4	1894.64	3/4	1642.16

NOTE: GAUGE POINT: TO TOP LIP OF 10" GAUGE HATCH, ON EXPANSION TRUNK

NOTE: GAUGE POINT LOCATED NEAR AFT OF TANK - TRIM CORRECTION REQUIRED.

REFERENCE GAUGE HEIGHT PORT: 17' 2"

NOTE: FOR ULLAGES LESS THAN 2' 00" USE INNAE TABLE (INNAE BY ULLAGE)

Calibrated: JF 1/22/2009

Calculation: WHF 3/20/2009

Re-issued: August 6, 2009

For: Revised trim correction

BARGE GRIFCO 3809

ULLAGE TABLE TANK: 3 Port

CAPACITIES IN U.S. BARRELS

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

HULL No. 05-2540

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	1636.90	0	1384.43	0	1131.98	0	879.55	0	627.88	0	377.10	0	126.29	0	0.37
1/4	1631.64	1/4	1379.17	1/4	1126.72	1/4	874.31	1/4	622.66	1/4	371.87	1/4	121.06	1/4	0.33
1/2	1626.38	1/2	1373.91	1/2	1121.46	1/2	869.06	1/2	617.44	1/2	366.65	1/2	115.85	1/2	0.28
3/4	1621.12	3/4	1368.65	3/4	1116.20	3/4	863.81	3/4	612.23	3/4	361.42	3/4	110.67	3/4	0.23
1	1615.86	1	1363.40	1	1110.94	1	858.57	1	607.01	1	356.20	1	105.50	1	0.19
1/4	1610.60	1/4	1358.14	1/4	1105.68	1/4	853.32	1/4	601.79	1/4	350.97	1/4	100.35	1/4	0.14
1/2	1605.34	1/2	1352.88	1/2	1100.42	1/2	848.08	1/2	596.56	1/2	345.75	1/2	95.22	1/2	0.09
3/4	1600.08	3/4	1347.62	3/4	1095.16	3/4	842.83	3/4	591.34	3/4	340.52	3/4	90.11	3/4	0.05
2	1594.82	2	1342.36	2	1089.90	2	837.58	2	586.11	2	335.30	2	85.02	2	0.00
1/4	1589.56	1/4	1337.10	1/4	1084.64	1/4	832.34	1/4	580.89	1/4	330.07	1/4	79.95	1/4	
1/2	1584.30	1/2	1331.84	1/2	1079.38	1/2	827.09	1/2	575.66	1/2	324.85	1/2	74.90	1/2	
3/4	1579.04	3/4	1326.58	3/4	1074.12	3/4	821.84	3/4	570.44	3/4	319.62	3/4	69.87	3/4	
3	1573.78	3	1321.32	3	1068.86	3	816.60	3	565.21	3	314.40	3	64.86	3	
1/4	1568.52	1/4	1316.06	1/4	1063.60	1/4	811.35	1/4	559.99	1/4	309.17	1/4	59.86	1/4	
1/2	1563.26	1/2	1310.80	1/2	1058.34	1/2	806.10	1/2	554.76	1/2	303.95	1/2	54.89	1/2	
3/4	1558.00	3/4	1305.54	3/4	1053.08	3/4	800.86	3/4	549.54	3/4	298.72	3/4	49.94	3/4	
4	1552.74	4	1300.28	4	1047.82	4	795.61	4	544.31	4	293.50	4	45.00	4	
1/4	1547.48	1/4	1295.02	1/4	1042.56	1/4	790.37	1/4	539.08	1/4	288.27	1/4	40.08	1/4	
1/2	1542.22	1/2	1289.76	1/2	1037.30	1/2	785.12	1/2	533.86	1/2	283.04	1/2	35.19	1/2	
3/4	1536.96	3/4	1284.50	3/4	1032.04	3/4	779.87	3/4	528.63	3/4	277.82	3/4	30.62	3/4	
5	1531.70	5	1279.24	5	1026.78	5	774.63	5	523.41	5	272.59	5	26.38	5	
1/4	1526.44	1/4	1273.99	1/4	1021.52	1/4	769.38	1/4	518.18	1/4	267.37	1/4	22.47	1/4	
1/2	1521.18	1/2	1268.73	1/2	1016.27	1/2	764.13	1/2	512.96	1/2	262.14	1/2	18.89	1/2	
3/4	1515.92	3/4	1263.47	3/4	1011.01	3/4	758.89	3/4	507.73	3/4	256.92	3/4	15.64	3/4	
6	1510.66	6	1258.21	6	1005.75	6	753.64	6	502.51	6	251.69	6	12.71	6	
1/4	1505.40	1/4	1252.95	1/4	1000.49	1/4	748.40	1/4	497.28	1/4	246.47	1/4	10.12	1/4	
1/2	1500.14	1/2	1247.69	1/2	995.23	1/2	743.15	1/2	492.06	1/2	241.24	1/2	7.85	1/2	
3/4	1494.88	3/4	1242.43	3/4	989.97	3/4	737.90	3/4	486.83	3/4	236.02	3/4	5.91	3/4	
7	1489.62	7	1237.17	7	984.71	7	732.66	7	481.61	7	230.79	7	4.30	7	
1/4	1484.36	1/4	1231.91	1/4	979.45	1/4	727.41	1/4	476.38	1/4	225.57	1/4	3.02	1/4	
1/2	1479.10	1/2	1226.65	1/2	974.19	1/2	722.16	1/2	471.16	1/2	220.34	1/2	2.07	1/2	
3/4	1473.84	3/4	1221.39	3/4	968.93	3/4	716.92	3/4	465.93	3/4	215.11	3/4	1.43	3/4	
8	1468.58	8	1216.13	8	963.67	8	711.67	8	460.71	8	209.89	8	1.12	8	
1/4	1463.32	1/4	1210.87	1/4	958.41	1/4	706.42	1/4	455.48	1/4	204.66	1/4	1.07	1/4	
1/2	1458.06	1/2	1205.61	1/2	953.15	1/2	701.18	1/2	450.25	1/2	199.44	1/2	1.03	1/2	
3/4	1452.80	3/4	1200.35	3/4	947.89	3/4	695.93	3/4	445.03	3/4	194.21	3/4	0.98	3/4	
9	1447.55	9	1195.09	9	942.63	9	690.68	9	439.80	9	188.99	9	0.93	9	
1/4	1442.29	1/4	1189.83	1/4	937.37	1/4	685.42	1/4	434.58	1/4	183.76	1/4	0.89	1/4	
1/2	1437.03	1/2	1184.57	1/2	932.11	1/2	680.16	1/2	429.35	1/2	178.54	1/2	0.84	1/2	
3/4	1431.77	3/4	1179.31	3/4	926.85	3/4	674.90	3/4	424.13	3/4	173.32	3/4	0.79	3/4	
10	1426.51	10	1174.05	10	921.59	10	669.64	10	418.90	10	168.09	10	0.75	10	
1/4	1421.25	1/4	1168.79	1/4	916.33	1/4	664.38	1/4	413.68	1/4	162.86	1/4	0.70	1/4	
1/2	1415.99	1/2	1163.53	1/2	911.07	1/2	659.17	1/2	408.45	1/2	157.64	1/2	0.65	1/2	
3/4	1410.73	3/4	1158.27	3/4	905.81	3/4	653.95	3/4	403.23	3/4	152.41	3/4	0.61	3/4	
11	1405.47	11	1153.01	11	900.55	11	648.74	11	398.00	11	147.19	11	0.56	11	
1/4	1400.21	1/4	1147.76	1/4	895.29	1/4	643.52	1/4	392.78	1/4	141.96	1/4	0.51	1/4	
1/2	1394.95	1/2	1142.50	1/2	890.05	1/2	638.31	1/2	387.55	1/2	136.74	1/2	0.47	1/2	
3/4	1389.69	3/4	1137.24	3/4	884.80	3/4	633.09	3/4	382.33	3/4	131.51	3/4	0.42	3/4	

Trim Correction	
+12"	-1 1/8
+9"	-7/8
+6"	-5/8
+3"	-1/4
EVEN	0
-3"	1/4
-6"	5/8
-9"	7/8
-1' 0"	1 1/8
-1' 3"	1 3/8
-1' 6"	1 3/4
-1' 9"	2
-2' 0"	2 1/4
-2' 3"	2 5/8
-2' 6"	2 7/8
-2' 9"	3 1/8
-3' 0"	3 3/8
-3' 3"	3 3/4
-3' 6"	4
-3' 9"	4 1/4
-4' 0"	4 5/8
-4' 3"	4 7/8
-4' 6"	5 1/8
-4' 9"	5 1/2
-5' 0"	5 3/4
-5' 3"	6
-5' 6"	6 1/4
-5' 9"	6 5/8
-6' 0"	6 7/8
-6' 3"	7 1/8
-6' 6"	7 1/2
-6' 9"	7 3/4

NOTE: GAUGE POINT: TO TOP LIP OF 10" GAUGE HATCH, ON EXPANSION TRUNK

NOTE: GAUGE POINT LOCATED NEAR AFT OF TANK - TRIM CORRECTION REQUIRED.

REFERENCE GAUGE HEIGHT PORT: 17' 2"

NOTE: FOR ULLAGES LESS THAN 2' 00" USE INNAGE TABLE (INNAGE BY ULLAGE)

Calibrated: JF 1/22/2009
 Calculation: WHF 3/20/2009
 Re-Issued: August 6, 2009
 For: Revised trim correction

BARGE GRIFCO 3809

ULLAGE TABLE TANK: 3 Stbd

CAPACITIES IN U.S. BARRELS

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

HULL No. 05-2540

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	3638.56	0	3401.92	0	3149.93	0	2897.95	0	2645.96	0	2393.99	0	2141.85	0	1889.38
1/4	3635.36	1/4	3396.67	1/4	3144.68	1/4	2892.70	1/4	2640.71	1/4	2388.74	1/4	2136.59	1/4	1884.12
1/2	3632.01	1/2	3391.42	1/2	3139.43	1/2	2887.45	1/2	2635.46	1/2	2383.49	1/2	2131.33	1/2	1878.86
3/4	3628.51	3/4	3386.17	3/4	3134.18	3/4	2882.20	3/4	2630.21	3/4	2378.24	3/4	2126.07	3/4	1873.60
1	3624.87	1	3380.92	1	3128.94	1	2876.95	1	2624.96	1	2372.99	1	2120.81	1	1868.34
1/4	3621.08	1/4	3375.67	1/4	3123.69	1/4	2871.70	1/4	2619.71	1/4	2367.74	1/4	2115.55	1/4	1863.08
1/2	3617.15	1/2	3370.42	1/2	3118.44	1/2	2866.45	1/2	2614.46	1/2	2362.49	1/2	2110.29	1/2	1857.82
3/4	3613.07	3/4	3365.17	3/4	3113.19	3/4	2861.20	3/4	2609.22	3/4	2357.24	3/4	2105.03	3/4	1852.56
2	3608.84	2	3359.92	2	3107.94	2	2855.95	2	2603.97	2	2351.99	2	2099.77	2	1847.30
1/4	3604.47	1/4	3354.67	1/4	3102.69	1/4	2850.70	1/4	2598.72	1/4	2346.75	1/4	2094.51	1/4	1842.04
1/2	3599.95	1/2	3349.42	1/2	3097.44	1/2	2845.45	1/2	2593.47	1/2	2341.50	1/2	2089.25	1/2	1836.78
3/4	3595.28	3/4	3344.17	3/4	3092.19	3/4	2840.20	3/4	2588.22	3/4	2336.25	3/4	2083.99	3/4	1831.52
3	3590.47	3	3338.92	3	3086.94	3	2834.95	3	2582.97	3	2331.00	3	2078.73	3	1826.26
1/4	3585.51	1/4	3333.67	1/4	3081.69	1/4	2829.70	1/4	2577.72	1/4	2325.75	1/4	2073.47	1/4	1821.00
1/2	3580.41	1/2	3328.42	1/2	3076.44	1/2	2824.45	1/2	2572.47	1/2	2320.50	1/2	2068.21	1/2	1815.74
3/4	3575.16	3/4	3323.17	3/4	3071.19	3/4	2819.20	3/4	2567.22	3/4	2315.25	3/4	2062.95	3/4	1810.48
4	3569.91	4	3317.92	4	3065.94	4	2813.95	4	2561.97	4	2310.00	4	2057.69	4	1805.22
1/4	3564.66	1/4	3312.67	1/4	3060.69	1/4	2808.70	1/4	2556.72	1/4	2304.75	1/4	2052.43	1/4	1799.96
1/2	3559.41	1/2	3307.42	1/2	3055.44	1/2	2803.45	1/2	2551.47	1/2	2299.50	1/2	2047.17	1/2	1794.70
3/4	3554.16	3/4	3302.18	3/4	3050.19	3/4	2798.20	3/4	2546.22	3/4	2294.25	3/4	2041.91	3/4	1789.44
5	3548.91	5	3296.93	5	3044.94	5	2792.95	5	2540.97	5	2289.00	5	2036.65	5	1784.18
1/4	3543.66	1/4	3291.68	1/4	3039.69	1/4	2787.70	1/4	2535.72	1/4	2283.75	1/4	2031.39	1/4	1778.92
1/2	3538.41	1/2	3286.43	1/2	3034.44	1/2	2782.45	1/2	2530.47	1/2	2278.50	1/2	2026.13	1/2	1773.66
3/4	3533.16	3/4	3281.18	3/4	3029.19	3/4	2777.21	3/4	2525.22	3/4	2273.25	3/4	2020.87	3/4	1768.40
6	3527.91	6	3275.93	6	3023.94	6	2771.96	6	2519.98	6	2268.00	6	2015.61	6	1763.14
1/4	3522.66	1/4	3270.68	1/4	3018.69	1/4	2766.71	1/4	2514.73	1/4	2262.75	1/4	2010.35	1/4	1757.88
1/2	3517.41	1/2	3265.43	1/2	3013.44	1/2	2761.46	1/2	2509.48	1/2	2257.51	1/2	2005.09	1/2	1752.62
3/4	3512.16	3/4	3260.18	3/4	3008.19	3/4	2756.21	3/4	2504.23	3/4	2252.26	3/4	1999.83	3/4	1747.36
7	3506.91	7	3254.93	7	3002.94	7	2750.96	7	2498.98	7	2247.01	7	1994.57	7	1742.10
1/4	3501.66	1/4	3249.68	1/4	2997.69	1/4	2745.71	1/4	2493.73	1/4	2241.76	1/4	1989.31	1/4	1736.84
1/2	3496.41	1/2	3244.43	1/2	2992.44	1/2	2740.46	1/2	2488.48	1/2	2236.51	1/2	1984.05	1/2	1731.58
3/4	3491.16	3/4	3239.18	3/4	2987.19	3/4	2735.21	3/4	2483.23	3/4	2231.26	3/4	1978.79	3/4	1726.32
8	3485.91	8	3233.93	8	2981.94	8	2729.96	8	2477.98	8	2226.01	8	1973.53	8	1721.06
1/4	3480.66	1/4	3228.68	1/4	2976.69	1/4	2724.71	1/4	2472.73	1/4	2220.75	1/4	1968.27	1/4	1715.80
1/2	3475.41	1/2	3223.43	1/2	2971.44	1/2	2719.46	1/2	2467.48	1/2	2215.49	1/2	1963.01	1/2	1710.54
3/4	3470.17	3/4	3218.18	3/4	2966.19	3/4	2714.21	3/4	2462.23	3/4	2210.23	3/4	1957.75	3/4	1705.28
9	3464.92	9	3212.93	9	2960.94	9	2708.96	9	2456.98	9	2204.97	9	1952.49	9	1700.02
1/4	3459.67	1/4	3207.68	1/4	2955.69	1/4	2703.71	1/4	2451.73	1/4	2199.71	1/4	1947.23	1/4	1694.76
1/2	3454.42	1/2	3202.43	1/2	2950.45	1/2	2698.46	1/2	2446.48	1/2	2194.45	1/2	1941.97	1/2	1689.50
3/4	3449.17	3/4	3197.18	3/4	2945.20	3/4	2693.21	3/4	2441.23	3/4	2189.19	3/4	1936.71	3/4	1684.24
10	3443.92	10	3191.93	10	2939.95	10	2687.96	10	2435.99	10	2183.93	10	1931.45	10	1678.98
1/4	3438.67	1/4	3186.68	1/4	2934.70	1/4	2682.71	1/4	2430.74	1/4	2178.67	1/4	1926.19	1/4	1673.72
1/2	3433.42	1/2	3181.43	1/2	2929.45	1/2	2677.46	1/2	2425.49	1/2	2173.41	1/2	1920.93	1/2	1668.46
3/4	3428.17	3/4	3176.18	3/4	2924.20	3/4	2672.21	3/4	2420.24	3/4	2168.15	3/4	1915.68	3/4	1663.20
11	3422.92	11	3170.93	11	2918.95	11	2666.96	11	2414.99	11	2162.89	11	1910.42	11	1657.94
1/4	3417.67	1/4	3165.68	1/4	2913.70	1/4	2661.71	1/4	2409.74	1/4	2157.63	1/4	1905.16	1/4	1652.68
1/2	3412.42	1/2	3160.43	1/2	2908.45	1/2	2656.46	1/2	2404.49	1/2	2152.37	1/2	1899.90	1/2	1647.42
3/4	3407.17	3/4	3155.18	3/4	2903.20	3/4	2651.21	3/4	2399.24	3/4	2147.11	3/4	1894.64	3/4	1642.16

NOTE: GAUGE POINT: TO TOP LIP OF 10" GAUGE HATCH, ON EXPANSION TRUNK

NOTE: GAUGE POINT LOCATED NEAR AFT OF TANK - TRIM CORRECTION REQUIRED.

REFERENCE GAUGE HEIGHT STARBOARD: 17' 2"

NOTE: FOR ULLAGES LESS THAN 2' 00" USE INNAGE TABLE (INNAGE BY ULLAGE)

Calibrated: JF 1/22/2009

Calculation: WHF 3/20/2009

Re-Issued: August 6, 2009

For: Revised trim correction

BARGE GRIFCO 3809

ULLAGE TABLE TANK: 3 Stbd

CAPACITIES IN U.S. BARRELS

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

HULL No. 05-2540

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	1636.90	0	1384.43	0	1131.98	0	879.55	0	627.88	0	377.10	0	126.29	0	0.37
1/4	1631.64	1/4	1379.17	1/4	1126.72	1/4	874.31	1/4	622.66	1/4	371.87	1/4	121.06	1/4	0.33
1/2	1626.38	1/2	1373.91	1/2	1121.46	1/2	869.06	1/2	617.44	1/2	366.65	1/2	115.85	1/2	0.28
3/4	1621.12	3/4	1368.65	3/4	1116.20	3/4	863.81	3/4	612.23	3/4	361.42	3/4	110.67	3/4	0.23
1	1615.86	1	1363.40	1	1110.94	1	858.57	1	607.01	1	356.20	1	105.50	1	0.19
1/4	1610.60	1/4	1358.14	1/4	1105.68	1/4	853.32	1/4	601.79	1/4	350.97	1/4	100.35	1/4	0.14
1/2	1605.34	1/2	1352.88	1/2	1100.42	1/2	848.08	1/2	596.56	1/2	345.75	1/2	95.22	1/2	0.09
3/4	1600.08	3/4	1347.62	3/4	1095.16	3/4	842.83	3/4	591.34	3/4	340.52	3/4	90.11	3/4	0.05
2	1594.82	2	1342.36	2	1089.90	2	837.58	2	586.11	2	335.30	2	85.02	2	0.00
1/4	1589.56	1/4	1337.10	1/4	1084.64	1/4	832.34	1/4	580.89	1/4	330.07	1/4	79.95	1/4	
1/2	1584.30	1/2	1331.84	1/2	1079.38	1/2	827.09	1/2	575.66	1/2	324.85	1/2	74.90	1/2	
3/4	1579.04	3/4	1326.58	3/4	1074.12	3/4	821.84	3/4	570.44	3/4	319.62	3/4	69.87	3/4	
3	1573.78	3	1321.32	3	1068.86	3	816.60	3	565.21	3	314.40	3	64.86	3	
1/4	1568.52	1/4	1316.06	1/4	1063.60	1/4	811.35	1/4	559.99	1/4	309.17	1/4	59.86	1/4	
1/2	1563.26	1/2	1310.80	1/2	1058.34	1/2	806.10	1/2	554.76	1/2	303.95	1/2	54.89	1/2	
3/4	1558.00	3/4	1305.54	3/4	1053.08	3/4	800.86	3/4	549.54	3/4	298.72	3/4	49.94	3/4	
4	1552.74	4	1300.28	4	1047.82	4	795.61	4	544.31	4	293.50	4	45.00	4	
1/4	1547.48	1/4	1295.02	1/4	1042.56	1/4	790.37	1/4	539.08	1/4	288.27	1/4	40.08	1/4	
1/2	1542.22	1/2	1289.76	1/2	1037.30	1/2	785.12	1/2	533.86	1/2	283.04	1/2	35.19	1/2	
3/4	1536.96	3/4	1284.50	3/4	1032.04	3/4	779.87	3/4	528.63	3/4	277.82	3/4	30.62	3/4	
5	1531.70	5	1279.24	5	1026.78	5	774.63	5	523.41	5	272.59	5	26.38	5	
1/4	1526.44	1/4	1273.99	1/4	1021.52	1/4	769.38	1/4	518.18	1/4	267.37	1/4	22.47	1/4	
1/2	1521.18	1/2	1268.73	1/2	1016.27	1/2	764.13	1/2	512.96	1/2	262.14	1/2	18.89	1/2	
3/4	1515.92	3/4	1263.47	3/4	1011.01	3/4	758.89	3/4	507.73	3/4	256.92	3/4	15.64	3/4	
6	1510.66	6	1258.21	6	1005.75	6	753.64	6	502.51	6	251.69	6	12.71	6	
1/4	1505.40	1/4	1252.95	1/4	1000.49	1/4	748.40	1/4	497.28	1/4	246.47	1/4	10.12	1/4	
1/2	1500.14	1/2	1247.69	1/2	995.23	1/2	743.15	1/2	492.06	1/2	241.24	1/2	7.85	1/2	
3/4	1494.88	3/4	1242.43	3/4	989.97	3/4	737.90	3/4	486.83	3/4	236.02	3/4	5.91	3/4	
7	1489.62	7	1237.17	7	984.71	7	732.66	7	481.61	7	230.79	7	4.30	7	
1/4	1484.36	1/4	1231.91	1/4	979.45	1/4	727.41	1/4	476.38	1/4	225.57	1/4	3.02	1/4	
1/2	1479.10	1/2	1226.65	1/2	974.19	1/2	722.16	1/2	471.16	1/2	220.34	1/2	2.07	1/2	
3/4	1473.84	3/4	1221.39	3/4	968.93	3/4	716.92	3/4	465.93	3/4	215.11	3/4	1.43	3/4	
8	1468.58	8	1216.13	8	963.67	8	711.67	8	460.71	8	209.89	8	1.12	8	
1/4	1463.32	1/4	1210.87	1/4	958.41	1/4	706.42	1/4	455.48	1/4	204.66	1/4	1.07	1/4	
1/2	1458.06	1/2	1205.61	1/2	953.15	1/2	701.18	1/2	450.25	1/2	199.44	1/2	1.03	1/2	
3/4	1452.80	3/4	1200.35	3/4	947.89	3/4	695.93	3/4	445.03	3/4	194.21	3/4	0.98	3/4	
9	1447.55	9	1195.09	9	942.63	9	690.68	9	439.80	9	188.99	9	0.93	9	
1/4	1442.29	1/4	1189.83	1/4	937.37	1/4	685.42	1/4	434.58	1/4	183.76	1/4	0.89	1/4	
1/2	1437.03	1/2	1184.57	1/2	932.11	1/2	680.16	1/2	429.35	1/2	178.54	1/2	0.84	1/2	
3/4	1431.77	3/4	1179.31	3/4	926.85	3/4	674.90	3/4	424.13	3/4	173.32	3/4	0.79	3/4	
10	1426.51	10	1174.05	10	921.59	10	669.64	10	418.90	10	168.09	10	0.75	10	
1/4	1421.25	1/4	1168.79	1/4	916.33	1/4	664.38	1/4	413.68	1/4	162.86	1/4	0.70	1/4	
1/2	1415.99	1/2	1163.53	1/2	911.07	1/2	659.17	1/2	408.45	1/2	157.64	1/2	0.65	1/2	
3/4	1410.73	3/4	1158.27	3/4	905.81	3/4	653.95	3/4	403.23	3/4	152.41	3/4	0.61	3/4	
11	1405.47	11	1153.01	11	900.55	11	648.74	11	398.00	11	147.19	11	0.56	11	
1/4	1400.21	1/4	1147.76	1/4	895.29	1/4	643.52	1/4	392.78	1/4	141.96	1/4	0.51	1/4	
1/2	1394.95	1/2	1142.50	1/2	890.05	1/2	638.31	1/2	387.55	1/2	136.74	1/2	0.47	1/2	
3/4	1389.69	3/4	1137.24	3/4	884.80	3/4	633.09	3/4	382.33	3/4	131.51	3/4	0.42	3/4	

Trim Correction	
+12"	-1 1/8
+9"	- 7/8
+6"	- 5/8
+3"	- 1/4
EVEN	0
-3"	1/4
-6"	5/8
-9"	7/8
-1' 0"	1 1/8
-1'-3"	1 3/8
-1'-6"	1 3/4
-1'-9"	2
-2' 0"	2 1/4
-2'-3"	2 5/8
-2'-6"	2 7/8
-2'-9"	3 1/8
-3' 0"	3 3/8
-3'-3"	3 3/4
-3'-6"	4
-3'-9"	4 1/4
-4' 0"	4 5/8
-4'-3"	4 7/8
-4'-6"	5 1/8
-4'-9"	5 1/2
-5' 0"	5 3/4
-5'-3"	6
-5'-6"	6 1/4
-5'-9"	6 5/8
-6' 0"	6 7/8
-6'-3"	7 1/8
-6'-6"	7 1/2
-6'-9"	7 3/4

NOTE: GAUGE POINT: TO TOP LIP OF 10" GAUGE HATCH, ON EXPANSION TRUNK
 NOTE: GAUGE POINT LOCATED NEAR AFT OF TANK - TRIM CORRECTION REQUIRED.
 REFERENCE GAUGE HEIGHT STARBOARD: 17' 2"
 NOTE: FOR ULLAGES LESS THAN 2' 00" USE INNAE TABLE (INNAE BY ULLAGE)

Calibrated: JF 1/22/2009
 Calculation: WHF 3/20/2009
 Re-Issued: August 6, 2009
 For: Revised trim correction

BARGE GRIFCO 3809

ULLAGE TABLE TANK: 4 Port

CAPACITIES IN U.S. BARRELS

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

HULL No. 05-2540

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	3645.92	0	3413.72	0	3161.64	0	2909.56	0	2657.48	0	2405.41	0	2153.19	0	1900.62
1/4	3643.01	1/4	3408.47	1/4	3156.39	1/4	2904.30	1/4	2652.22	1/4	2400.15	1/4	2147.93	1/4	1895.36
1/2	3639.95	1/2	3403.22	1/2	3151.13	1/2	2899.05	1/2	2646.97	1/2	2394.90	1/2	2142.67	1/2	1890.10
3/4	3636.74	3/4	3397.96	#N/A	3145.88	3/4	2893.80	3/4	2641.72	3/4	2389.65	3/4	2137.41	3/4	1884.83
1	3633.39	1	3392.71	1	3140.63	1	2888.55	1	2636.47	1	2384.40	1	2132.14	1	1879.57
1/4	3629.90	1/4	3387.46	1/4	3135.38	1/4	2883.30	1/4	2631.22	1/4	2379.15	1/4	2126.88	1/4	1874.31
1/2	3626.25	1/2	3382.21	1/2	3130.13	1/2	2878.05	1/2	2625.96	1/2	2373.90	1/2	2121.62	1/2	1869.05
3/4	3622.46	3/4	3376.96	3/4	3124.88	3/4	2872.79	3/4	2620.71	3/4	2368.65	3/4	2116.36	3/4	1863.79
2	3618.53	2	3371.71	2	3119.62	2	2867.54	2	2615.46	2	2363.39	2	2111.10	2	1858.53
1/4	3614.44	1/4	3366.45	1/4	3114.37	1/4	2862.29	1/4	2610.21	1/4	2358.14	1/4	2105.83	1/4	1853.26
1/2	3610.21	1/2	3361.20	1/2	3109.12	1/2	2857.04	1/2	2604.96	1/2	2352.89	1/2	2100.57	1/2	1848.00
3/4	3605.84	3/4	3355.95	3/4	3103.87	3/4	2851.79	3/4	2599.71	3/4	2347.64	3/4	2095.31	3/4	1842.74
3	3601.32	3	3350.70	3	3098.62	3	2846.54	3	2594.46	3	2342.39	3	2090.05	3	1837.48
1/4	3596.65	1/4	3345.45	1/4	3093.37	1/4	2841.28	1/4	2589.20	1/4	2337.14	1/4	2084.79	1/4	1832.22
1/2	3591.84	1/2	3340.20	1/2	3088.11	1/2	2836.03	1/2	2583.95	1/2	2331.89	1/2	2079.52	1/2	1826.95
3/4	3586.88	3/4	3334.94	3/4	3082.86	3/4	2830.78	3/4	2578.70	3/4	2326.63	3/4	2074.26	3/4	1821.69
4	3581.77	4	3329.69	4	3077.61	4	2825.53	4	2573.45	4	2321.38	4	2069.00	4	1816.43
1/4	3576.52	1/4	3324.44	1/4	3072.36	1/4	2820.28	1/4	2568.20	1/4	2316.13	1/4	2063.74	1/4	1811.17
1/2	3571.27	1/2	3319.19	1/2	3067.11	1/2	2815.03	1/2	2562.95	1/2	2310.88	1/2	2058.48	1/2	1805.91
3/4	3566.02	3/4	3313.94	3/4	3061.86	3/4	2809.77	3/4	2557.70	3/4	2305.63	3/4	2053.22	3/4	1800.64
5	3560.77	5	3308.69	5	3056.60	5	2804.52	5	2552.44	5	2300.38	5	2047.95	5	1795.38
1/4	3555.52	1/4	3303.43	1/4	3051.35	1/4	2799.27	1/4	2547.19	1/4	2295.13	1/4	2042.69	1/4	1790.12
1/2	3550.26	1/2	3298.18	1/2	3046.10	1/2	2794.02	1/2	2541.94	1/2	2289.87	1/2	2037.43	1/2	1784.86
3/4	3545.01	3/4	3292.93	3/4	3040.85	3/4	2788.77	3/4	2536.69	3/4	2284.62	3/4	2032.17	3/4	1779.60
6	3539.76	6	3287.68	6	3035.60	6	2783.52	6	2531.44	6	2279.37	6	2026.91	6	1774.33
1/4	3534.51	1/4	3282.43	1/4	3030.35	1/4	2778.26	1/4	2526.19	1/4	2274.12	1/4	2021.64	1/4	1769.07
1/2	3529.26	1/2	3277.18	1/2	3025.09	1/2	2773.01	1/2	2520.94	1/2	2268.87	1/2	2016.38	1/2	1763.81
3/4	3524.01	3/4	3271.92	3/4	3019.84	3/4	2767.76	3/4	2515.69	3/4	2263.62	3/4	2011.12	3/4	1758.55
7	3518.75	7	3266.67	7	3014.59	7	2762.51	7	2510.43	7	2258.37	7	2005.86	7	1753.29
1/4	3513.50	1/4	3261.42	1/4	3009.34	1/4	2757.26	1/4	2505.18	1/4	2253.12	1/4	2000.60	1/4	1748.03
1/2	3508.25	1/2	3256.17	1/2	3004.09	1/2	2752.01	1/2	2499.93	1/2	2247.86	1/2	1995.33	1/2	1742.76
3/4	3503.00	3/4	3250.92	3/4	2998.84	3/4	2746.75	3/4	2494.68	3/4	2242.61	3/4	1990.07	3/4	1737.50
8	3497.75	8	3245.67	8	2993.58	8	2741.50	8	2489.43	8	2237.36	8	1984.81	8	1732.24
1/4	3492.50	1/4	3240.41	1/4	2988.33	1/4	2736.25	1/4	2484.18	1/4	2232.11	1/4	1979.55	1/4	1726.98
1/2	3487.24	1/2	3235.16	1/2	2983.08	1/2	2731.00	1/2	2478.93	1/2	2226.86	1/2	1974.29	1/2	1721.72
3/4	3481.99	3/4	3229.91	3/4	2977.83	3/4	2725.75	3/4	2473.67	3/4	2221.60	3/4	1969.03	3/4	1716.45
9	3476.74	9	3224.66	9	2972.58	9	2720.50	9	2468.42	9	2216.33	9	1963.76	9	1711.19
1/4	3471.49	1/4	3219.41	1/4	2967.33	1/4	2715.24	1/4	2463.17	1/4	2211.07	1/4	1958.50	1/4	1705.93
1/2	3466.24	1/2	3214.16	1/2	2962.07	1/2	2709.99	1/2	2457.92	1/2	2205.81	1/2	1953.24	1/2	1700.67
3/4	3460.99	3/4	3208.90	3/4	2956.82	3/4	2704.74	3/4	2452.67	3/4	2200.55	3/4	1947.98	3/4	1695.41
10	3455.73	10	3203.65	10	2951.57	10	2699.49	10	2447.42	10	2195.29	10	1942.72	10	1690.14
1/4	3450.48	1/4	3198.40	1/4	2946.32	1/4	2694.24	1/4	2442.17	1/4	2190.02	1/4	1937.45	1/4	1684.88
1/2	3445.23	1/2	3193.15	1/2	2941.07	1/2	2688.99	1/2	2436.91	1/2	2184.76	1/2	1932.19	1/2	1679.62
3/4	3439.98	3/4	3187.90	3/4	2935.82	3/4	2683.73	3/4	2431.66	3/4	2179.50	3/4	1926.93	3/4	1674.36
11	3434.73	11	3182.65	11	2930.56	11	2678.48	11	2426.41	11	2174.24	11	1921.67	11	1669.10
1/4	3429.47	1/4	3177.39	1/4	2925.31	1/4	2673.23	1/4	2421.16	1/4	2168.98	1/4	1916.41	1/4	1663.83
1/2	3424.22	1/2	3172.14	1/2	2920.06	1/2	2667.98	1/2	2415.91	1/2	2163.72	1/2	1911.14	1/2	1658.57
3/4	3418.97	3/4	3166.89	3/4	2914.81	3/4	2662.73	3/4	2410.66	3/4	2158.45	3/4	1905.88	3/4	1653.31

NOTE: GAUGE POINT: TO TOP LIP OF 10" GAUGE HATCH, ON EXPANSION TRUNK

NOTE: GAUGE POINT LOCATED NEAR AFT OF TANK - TRIM CORRECTION REQUIRED.

REFERENCE GAUGE HEIGHT PORT: 17' 2 1/2"

NOTE: FOR ULLAGES LESS THAN 2' 00" USE INNAGE TABLE (INNAGE BY ULLAGE)

Calibrated: JF 1/22/2009

Calculation: WHF 3/20/2009

Re-Issued: August 6, 2009

For: Revised trim correction

BARGE GRIFCO 3809

ULLAGE TABLE TANK: 4 Port

CAPACITIES IN U.S. BARRELS

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

HULL No. 05-2540

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	1648.05	0	1395.48	0	1142.93	0	890.39	0	638.55	0	387.70	0	136.79	0	0.47
1/4	1642.79	1/4	1390.22	1/4	1137.67	1/4	885.14	1/4	633.33	1/4	382.47	1/4	131.56	1/4	0.42
1/2	1637.53	1/2	1384.96	1/2	1132.41	1/2	879.89	1/2	628.12	1/2	377.25	1/2	126.34	1/2	0.37
3/4	1632.26	3/4	1379.70	3/4	1127.15	3/4	874.64	3/4	622.90	3/4	372.02	3/4	121.11	3/4	0.33
1	1627.00	1	1374.44	1	1121.89	1	869.39	1	617.68	1	366.79	1	115.90	1	0.28
1/4	1621.74	1/4	1369.18	1/4	1116.62	1/4	864.15	1/4	612.46	1/4	361.56	1/4	110.71	1/4	0.23
1/2	1616.48	1/2	1363.92	1/2	1111.36	1/2	858.90	1/2	607.25	1/2	356.34	1/2	105.54	1/2	0.19
3/4	1611.22	3/4	1358.65	3/4	1106.10	3/4	853.65	3/4	602.02	3/4	351.11	3/4	100.39	3/4	0.14
2	1605.95	2	1353.39	2	1100.84	2	848.40	2	596.79	2	345.88	2	95.26	2	0.09
1/4	1600.69	1/4	1348.13	1/4	1095.58	1/4	843.15	1/4	591.56	1/4	340.65	1/4	90.15	1/4	0.05
1/2	1595.43	1/2	1342.87	1/2	1090.32	1/2	837.90	1/2	586.34	1/2	335.43	1/2	85.06	1/2	0.00
3/4	1590.17	3/4	1337.61	3/4	1085.05	3/4	832.66	3/4	581.11	3/4	330.20	3/4	79.98	3/4	0.00
3	1584.91	3	1332.35	3	1079.79	3	827.41	3	575.88	3	324.97	3	74.93	3	
1/4	1579.64	1/4	1327.09	1/4	1074.53	1/4	822.16	1/4	570.66	1/4	319.74	1/4	69.90	1/4	
1/2	1574.38	1/2	1321.82	1/2	1069.27	1/2	816.91	1/2	565.43	1/2	314.52	1/2	64.88	1/2	
3/4	1569.12	3/4	1316.56	3/4	1064.01	3/4	811.66	3/4	560.20	3/4	309.29	3/4	59.89	3/4	
4	1563.86	4	1311.30	4	1058.75	4	806.41	4	554.97	4	304.06	4	54.91	4	
1/4	1558.60	1/4	1306.04	1/4	1053.49	1/4	801.17	1/4	549.75	1/4	298.84	1/4	49.95	1/4	+12"
1/2	1553.33	1/2	1300.78	1/2	1048.22	1/2	795.92	1/2	544.52	1/2	293.61	1/2	45.02	1/2	+9"
3/4	1548.07	3/4	1295.52	3/4	1042.96	3/4	790.67	3/4	539.29	3/4	288.38	3/4	40.10	3/4	+6"
5	1542.81	5	1290.26	5	1037.70	5	785.42	5	534.06	5	283.15	5	35.20	5	+3"
1/4	1537.55	1/4	1285.00	1/4	1032.44	1/4	780.17	1/4	528.84	1/4	277.93	1/4	30.63	1/4	EVEN
1/2	1532.29	1/2	1279.73	1/2	1027.18	1/2	774.92	1/2	523.61	1/2	272.70	1/2	26.39	1/2	-3"
3/4	1527.03	3/4	1274.47	3/4	1021.92	3/4	769.68	3/4	518.38	3/4	267.47	3/4	22.48	3/4	-6"
6	1521.76	6	1269.21	6	1016.65	6	764.43	6	513.16	6	262.24	6	18.90	6	-9"
1/4	1516.50	1/4	1263.95	1/4	1011.39	1/4	759.18	1/4	507.93	1/4	257.02	1/4	15.64	1/4	1' 0"
1/2	1511.24	1/2	1258.69	1/2	1006.13	1/2	753.93	1/2	502.70	1/2	251.79	1/2	12.72	1/2	-1'-3"
3/4	1505.98	3/4	1253.43	3/4	1000.87	3/4	748.68	3/4	497.47	3/4	246.56	3/4	10.12	3/4	-1'-6"
7	1500.72	7	1248.16	7	995.61	7	743.43	7	492.25	7	241.33	7	7.85	7	-1'-9"
1/4	1495.45	1/4	1242.90	1/4	990.35	1/4	738.19	1/4	487.02	1/4	236.11	1/4	5.91	1/4	2' 0"
1/2	1490.19	1/2	1237.64	1/2	985.08	1/2	732.94	1/2	481.79	1/2	230.88	1/2	4.30	1/2	-2'-3"
3/4	1484.93	3/4	1232.38	3/4	979.82	3/4	727.69	3/4	476.56	3/4	225.65	3/4	3.02	3/4	-2'-6"
8	1479.67	8	1227.12	8	974.56	8	722.44	8	471.34	8	220.42	8	2.07	8	-2'-9"
1/4	1474.41	1/4	1221.86	1/4	969.30	1/4	717.19	1/4	466.11	1/4	215.20	1/4	1.43	1/4	3' 0"
1/2	1469.14	1/2	1216.59	1/2	964.04	1/2	711.94	1/2	460.88	1/2	209.97	1/2	1.12	1/2	-3'-3"
3/4	1463.88	3/4	1211.33	3/4	958.78	3/4	706.70	3/4	455.65	3/4	204.74	3/4	1.07	3/4	-3'-6"
9	1458.62	9	1206.07	9	953.51	9	701.45	9	450.43	9	199.52	9	1.03	9	-3'-9"
1/4	1453.36	1/4	1200.81	1/4	948.25	1/4	696.20	1/4	445.20	1/4	194.29	1/4	0.98	1/4	4' 0"
1/2	1448.10	1/2	1195.55	1/2	942.99	1/2	690.95	1/2	439.97	1/2	189.06	1/2	0.93	1/2	-4'-3"
3/4	1442.84	3/4	1190.29	3/4	937.73	3/4	685.69	3/4	434.75	3/4	183.84	3/4	0.89	3/4	-4'-6"
10	1437.58	10	1185.03	10	932.47	10	680.42	10	429.52	10	178.61	10	0.84	10	-4'-9"
1/4	1432.31	1/4	1179.76	1/4	927.21	1/4	675.16	1/4	424.29	1/4	173.38	1/4	0.79	1/4	5' 0"
1/2	1427.05	1/2	1174.50	1/2	921.95	1/2	669.90	1/2	419.06	1/2	168.16	1/2	0.75	1/2	-5'-3"
3/4	1421.79	3/4	1169.24	3/4	916.68	3/4	664.64	3/4	413.84	3/4	162.93	3/4	0.70	3/4	-5'-6"
11	1416.53	11	1163.98	11	911.42	11	659.42	11	408.61	11	157.70	11	0.65	11	-5'-9"
1/4	1411.27	1/4	1158.72	1/4	906.16	1/4	654.20	1/4	403.38	1/4	152.47	1/4	0.61	1/4	6' 0"
1/2	1406.01	1/2	1153.46	1/2	900.90	1/2	648.99	1/2	398.15	1/2	147.25	1/2	0.56	1/2	-6'-3"
3/4	1400.75	3/4	1148.19	3/4	895.64	3/4	643.77	3/4	392.93	3/4	142.02	3/4	0.51	3/4	-6'-6"
															-6'-9"

NOTE: GAUGE POINT: TO TOP LIP OF 10" GAUGE HATCH, ON EXPANSION TRUNK

NOTE: GAUGE POINT LOCATED NEAR AFT OF TANK - TRIM CORRECTION REQUIRED.

REFERENCE GAUGE HEIGHT PORT: 17' 2 1/2"

NOTE: FOR ULLAGES LESS THAN 2' 00" USE INNAGE TABLE (INNAGE BY ULLAGE)

Calibrated: JF 1/22/2009
 Calculation: WHF 3/20/2009
 Re-Issued: August 6, 2009
 For: Revised trim correction

BARGE GRIFCO 3809

ULLAGE TABLE TANK: 4 Stbd

CAPACITIES IN U.S. BARRELS

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

HULL No. 05-2540

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	3636.74	0	3397.96	0	3145.88	0	2893.80	0	2641.72	0	2389.65	0	2137.41	0	1884.83
1/4	3633.39	1/4	3392.71	1/4	3140.63	1/4	2888.55	1/4	2636.47	1/4	2384.40	1/4	2132.14	1/4	1879.57
1/2	3629.90	1/2	3387.46	1/2	3135.38	1/2	2883.30	1/2	2631.22	1/2	2379.15	1/2	2126.88	1/2	1874.31
3/4	3626.25	3/4	3382.21	3/4	3130.13	3/4	2878.05	3/4	2625.96	3/4	2373.90	3/4	2121.62	3/4	1869.05
1	3622.46	1	3376.96	1	3124.88	1	2872.79	1	2620.71	1	2368.65	1	2116.36	1	1863.79
1/4	3618.53	1/4	3371.71	1/4	3119.62	1/4	2867.54	1/4	2615.46	1/4	2363.39	1/4	2111.10	1/4	1858.53
1/2	3614.44	1/2	3366.45	1/2	3114.37	1/2	2862.29	1/2	2610.21	1/2	2358.14	1/2	2105.83	1/2	1853.26
3/4	3610.21	3/4	3361.20	3/4	3109.12	3/4	2857.04	3/4	2604.96	3/4	2352.89	3/4	2100.57	3/4	1848.00
2	3605.84	2	3355.95	2	3103.87	2	2851.79	2	2599.71	2	2347.64	2	2095.31	2	1842.74
1/4	3601.32	1/4	3350.70	1/4	3098.62	1/4	2846.54	1/4	2594.46	1/4	2342.39	1/4	2090.05	1/4	1837.48
1/2	3596.65	1/2	3345.45	1/2	3093.37	1/2	2841.28	1/2	2589.20	1/2	2337.14	1/2	2084.79	1/2	1832.22
3/4	3591.84	3/4	3340.20	3/4	3088.11	3/4	2836.03	3/4	2583.95	3/4	2331.89	3/4	2079.52	3/4	1826.95
3	3586.88	3	3334.94	3	3082.86	3	2830.78	3	2578.70	3	2326.63	3	2074.26	3	1821.69
1/4	3581.77	1/4	3329.69	1/4	3077.61	1/4	2825.53	1/4	2573.45	1/4	2321.38	1/4	2069.00	1/4	1816.43
1/2	3576.52	1/2	3324.44	1/2	3072.36	1/2	2820.28	1/2	2568.20	1/2	2316.13	1/2	2063.74	1/2	1811.17
3/4	3571.27	3/4	3319.19	3/4	3067.11	3/4	2815.03	3/4	2562.95	3/4	2310.88	3/4	2058.48	3/4	1805.91
4	3566.02	4	3313.94	4	3061.86	4	2809.77	4	2557.70	4	2305.63	4	2053.22	4	1800.64
1/4	3560.77	1/4	3308.69	1/4	3056.60	1/4	2804.52	1/4	2552.44	1/4	2300.38	1/4	2047.95	1/4	1795.38
1/2	3555.52	1/2	3303.43	1/2	3051.35	1/2	2799.27	1/2	2547.19	1/2	2295.13	1/2	2042.69	1/2	1790.12
3/4	3550.26	3/4	3298.18	3/4	3046.10	3/4	2794.02	3/4	2541.94	3/4	2289.87	3/4	2037.43	3/4	1784.86
5	3545.01	5	3292.93	5	3040.85	5	2788.77	5	2536.69	5	2284.62	5	2032.17	5	1779.60
1/4	3539.76	1/4	3287.68	1/4	3035.60	1/4	2783.52	1/4	2531.44	1/4	2279.37	1/4	2026.91	1/4	1774.33
1/2	3534.51	1/2	3282.43	1/2	3030.35	1/2	2778.26	1/2	2526.19	1/2	2274.12	1/2	2021.64	1/2	1769.07
3/4	3529.26	3/4	3277.18	3/4	3025.09	3/4	2773.01	3/4	2520.94	3/4	2268.87	3/4	2016.38	3/4	1763.81
6	3524.01	6	3271.92	6	3019.84	6	2767.76	6	2515.69	6	2263.62	6	2011.12	6	1758.55
1/4	3518.75	1/4	3266.67	1/4	3014.59	1/4	2762.51	1/4	2510.43	1/4	2258.37	1/4	2005.86	1/4	1753.29
1/2	3513.50	1/2	3261.42	1/2	3009.34	1/2	2757.26	1/2	2505.18	1/2	2253.12	1/2	2000.60	1/2	1748.03
3/4	3508.25	3/4	3256.17	3/4	3004.09	3/4	2752.01	3/4	2499.93	3/4	2247.86	3/4	1995.33	3/4	1742.76
7	3503.00	7	3250.92	7	2998.84	7	2746.75	7	2494.68	7	2242.61	7	1990.07	7	1737.50
1/4	3497.75	1/4	3245.67	1/4	2993.58	1/4	2741.50	1/4	2489.43	1/4	2237.36	1/4	1984.81	1/4	1732.24
1/2	3492.50	1/2	3240.41	1/2	2988.33	1/2	2736.25	1/2	2484.18	1/2	2232.11	1/2	1979.55	1/2	1726.98
3/4	3487.24	3/4	3235.16	3/4	2983.08	3/4	2731.00	3/4	2478.93	3/4	2226.86	3/4	1974.29	3/4	1721.72
8	3481.99	8	3229.91	8	2977.83	8	2725.75	8	2473.67	8	2221.60	8	1969.03	8	1716.45
1/4	3476.74	1/4	3224.66	1/4	2972.58	1/4	2720.50	1/4	2468.42	1/4	2216.33	1/4	1963.76	1/4	1711.19
1/2	3471.49	1/2	3219.41	1/2	2967.33	1/2	2715.24	1/2	2463.17	1/2	2211.07	1/2	1958.50	1/2	1705.93
3/4	3466.24	3/4	3214.16	3/4	2962.07	3/4	2709.99	3/4	2457.92	3/4	2205.81	3/4	1953.24	3/4	1700.67
9	3460.99	9	3208.90	9	2956.82	9	2704.74	9	2452.67	9	2200.55	9	1947.98	9	1695.41
1/4	3455.73	1/4	3203.65	1/4	2951.57	1/4	2699.49	1/4	2447.42	1/4	2195.29	1/4	1942.72	1/4	1690.14
1/2	3450.48	1/2	3198.40	1/2	2946.32	1/2	2694.24	1/2	2442.17	1/2	2190.02	1/2	1937.45	1/2	1684.88
3/4	3445.23	3/4	3193.15	3/4	2941.07	3/4	2688.99	3/4	2436.91	3/4	2184.76	3/4	1932.19	3/4	1679.62
10	3439.98	10	3187.90	10	2935.82	10	2683.73	10	2431.66	10	2179.50	10	1926.93	10	1674.36
1/4	3434.73	1/4	3182.65	1/4	2930.56	1/4	2678.48	1/4	2426.41	1/4	2174.24	1/4	1921.67	1/4	1669.10
1/2	3429.47	1/2	3177.39	1/2	2925.31	1/2	2673.23	1/2	2421.16	1/2	2168.98	1/2	1916.41	1/2	1663.83
3/4	3424.22	3/4	3172.14	3/4	2920.06	3/4	2667.98	3/4	2415.91	3/4	2163.72	3/4	1911.14	3/4	1658.57
11	3418.97	11	3166.89	11	2914.81	11	2662.73	11	2410.66	11	2158.45	11	1905.88	11	1653.31
1/4	3413.72	1/4	3161.64	1/4	2909.56	1/4	2657.48	1/4	2405.41	1/4	2153.19	1/4	1900.62	1/4	1648.05
1/2	3408.47	1/2	3156.39	1/2	2904.30	1/2	2652.22	1/2	2400.15	1/2	2147.93	1/2	1895.36	1/2	1642.79
3/4	3403.22	3/4	3151.13	3/4	2899.05	3/4	2646.97	3/4	2394.90	3/4	2142.67	3/4	1890.10	3/4	1637.53

NOTE: GAUGE POINT: TO TOP LIP OF 10" GAUGE HATCH, ON EXPANSION TRUNK

NOTE: GAUGE POINT LOCATED NEAR AFT OF TANK - TRIM CORRECTION REQUIRED.

REFERENCE GAUGE HEIGHT STARBOARD: 17' 1 3/4"

NOTE: FOR ULLAGES LESS THAN 2' 00" USE INNAGE TABLE (INNAGE BY ULLAGE)

Calibrated: JF 1/22/2009

Calculation: WHF 3/20/2009

Re-Issued: August 6, 2009

For: Revised trim correction

BARGE GRIFCO 3809

ULLAGE TABLE TANK: 4 Stbd

CAPACITIES IN U.S. BARRELS

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

HULL No. 05-2540

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	1632.26	0	1379.70	0	1127.15	0	874.64	0	622.90	0	372.02	0	121.11	0	0.33
1/4	1627.00	1/4	1374.44	1/4	1121.89	1/4	869.39	1/4	617.68	1/4	366.79	1/4	115.90	1/4	0.28
1/2	1621.74	1/2	1369.18	1/2	1116.62	1/2	864.15	1/2	612.46	1/2	361.56	1/2	110.71	1/2	0.23
3/4	1616.48	3/4	1363.92	3/4	1111.36	3/4	858.90	3/4	607.25	3/4	356.34	3/4	105.54	3/4	0.19
1	1611.22	1	1358.65	1	1106.10	1	853.65	1	602.02	1	351.11	1	100.39	1	0.14
1/4	1605.95	1/4	1353.39	1/4	1100.84	1/4	848.40	1/4	596.79	1/4	345.88	1/4	95.26	1/4	0.09
1/2	1600.69	1/2	1348.13	1/2	1095.58	1/2	843.15	1/2	591.56	1/2	340.65	1/2	90.15	1/2	0.05
3/4	1595.43	3/4	1342.87	3/4	1090.32	3/4	837.90	3/4	586.34	3/4	335.43	3/4	85.06	3/4	0.00
2	1590.17	2	1337.61	2	1085.05	2	832.66	2	581.11	2	330.20	2	79.98	2	
1/4	1584.91	1/4	1332.35	1/4	1079.79	1/4	827.41	1/4	575.88	1/4	324.97	1/4	74.93	1/4	
1/2	1579.64	1/2	1327.09	1/2	1074.53	1/2	822.16	1/2	570.66	1/2	319.74	1/2	69.90	1/2	
3/4	1574.38	3/4	1321.82	3/4	1069.27	3/4	816.91	3/4	565.43	3/4	314.52	3/4	64.88	3/4	
3	1569.12	3	1316.56	3	1064.01	3	811.66	3	560.20	3	309.29	3	59.89	3	
1/4	1563.86	1/4	1311.30	1/4	1058.75	1/4	806.41	1/4	554.97	1/4	304.06	1/4	54.91	1/4	
1/2	1558.60	1/2	1306.04	1/2	1053.49	1/2	801.17	1/2	549.75	1/2	298.84	1/2	49.95	1/2	
3/4	1553.33	3/4	1300.78	3/4	1048.22	3/4	795.92	3/4	544.52	3/4	293.61	3/4	45.02	3/4	
4	1548.07	4	1295.52	4	1042.96	4	790.67	4	539.29	4	288.38	4	40.10	4	
1/4	1542.81	1/4	1290.26	1/4	1037.70	1/4	785.42	1/4	534.06	1/4	283.15	1/4	35.20	1/4	+12"
1/2	1537.55	1/2	1285.00	1/2	1032.44	1/2	780.17	1/2	528.84	1/2	277.93	1/2	30.63	1/2	+9"
3/4	1532.29	3/4	1279.73	3/4	1027.18	3/4	774.92	3/4	523.61	3/4	272.70	3/4	26.39	3/4	+6"
5	1527.03	5	1274.47	5	1021.92	5	769.68	5	518.38	5	267.47	5	22.48	5	+3"
1/4	1521.76	1/4	1269.21	1/4	1016.65	1/4	764.43	1/4	513.16	1/4	262.24	1/4	18.90	1/4	0
1/2	1516.50	1/2	1263.95	1/2	1011.39	1/2	759.18	1/2	507.93	1/2	257.02	1/2	15.64	1/2	-3"
3/4	1511.24	3/4	1258.69	3/4	1006.13	3/4	753.93	3/4	502.70	3/4	251.79	3/4	12.72	3/4	-6"
6	1505.98	6	1253.43	6	1000.87	6	748.68	6	497.47	6	246.56	6	10.12	6	-9"
1/4	1500.72	1/4	1248.16	1/4	995.61	1/4	743.43	1/4	492.25	1/4	241.33	1/4	7.85	1/4	-1' 0"
1/2	1495.45	1/2	1242.90	1/2	990.35	1/2	738.19	1/2	487.02	1/2	236.11	1/2	5.91	1/2	-1' 3"
3/4	1490.19	3/4	1237.64	3/4	985.08	3/4	732.94	3/4	481.79	3/4	230.88	3/4	4.30	3/4	-1' 6"
7	1484.93	7	1232.38	7	979.82	7	727.69	7	476.56	7	225.65	7	3.02	7	-1' 9"
1/4	1479.67	1/4	1227.12	1/4	974.56	1/4	722.44	1/4	471.34	1/4	220.42	1/4	2.07	1/4	-2' 0"
1/2	1474.41	1/2	1221.86	1/2	969.30	1/2	717.19	1/2	466.11	1/2	215.20	1/2	1.43	1/2	-2' 3"
3/4	1469.14	3/4	1216.59	3/4	964.04	3/4	711.94	3/4	460.88	3/4	209.97	3/4	1.12	3/4	-2' 6"
8	1463.88	8	1211.33	8	958.78	8	706.70	8	455.65	8	204.74	8	1.07	8	-2' 9"
1/4	1458.62	1/4	1206.07	1/4	953.51	1/4	701.45	1/4	450.43	1/4	199.52	1/4	1.03	1/4	-3' 0"
1/2	1453.36	1/2	1200.81	1/2	948.25	1/2	696.20	1/2	445.20	1/2	194.29	1/2	0.98	1/2	-3' 3"
3/4	1448.10	3/4	1195.55	3/4	942.99	3/4	690.95	3/4	439.97	3/4	189.06	3/4	0.93	3/4	-3' 6"
9	1442.84	9	1190.29	9	937.73	9	685.69	9	434.75	9	183.84	9	0.89	9	-3' 9"
1/4	1437.58	1/4	1185.03	1/4	932.47	1/4	680.42	1/4	429.52	1/4	178.61	1/4	0.84	1/4	-4' 0"
1/2	1432.31	1/2	1179.76	1/2	927.21	1/2	675.16	1/2	424.29	1/2	173.38	1/2	0.79	1/2	-4' 3"
3/4	1427.05	3/4	1174.50	3/4	921.95	3/4	669.90	3/4	419.06	3/4	168.16	3/4	0.75	3/4	-4' 6"
10	1421.79	10	1169.24	10	916.68	10	664.64	10	413.84	10	162.93	10	0.70	10	-4' 9"
1/4	1416.53	1/4	1163.98	1/4	911.42	1/4	659.42	1/4	408.61	1/4	157.70	1/4	0.65	1/4	-5' 0"
1/2	1411.27	1/2	1158.72	1/2	906.16	1/2	654.20	1/2	403.38	1/2	152.47	1/2	0.61	1/2	-5' 3"
3/4	1406.01	3/4	1153.46	3/4	900.90	3/4	648.99	3/4	398.15	3/4	147.25	3/4	0.56	3/4	-5' 6"
11	1400.75	11	1148.19	11	895.64	11	643.77	11	392.93	11	142.02	11	0.51	11	-5' 9"
1/4	1395.48	1/4	1142.93	1/4	890.39	1/4	638.55	1/4	387.70	1/4	136.79	1/4	0.47	1/4	-6' 0"
1/2	1390.22	1/2	1137.67	1/2	885.14	1/2	633.33	1/2	382.47	1/2	131.56	1/2	0.42	1/2	-6' 3"
3/4	1384.96	3/4	1132.41	3/4	879.89	3/4	628.12	3/4	377.25	3/4	126.34	3/4	0.37	3/4	-6' 6"

Trim Correction	
+12"	-1 1/8
+9"	- 7/8
+6"	- 5/8
+3"	- 1/4
EVEN	0
-3"	1/4
-6"	5/8
-9"	7/8
-1' 0"	1 1/8
-1' 3"	1 3/8
-1' 6"	1 3/4
-1' 9"	2
-2' 0"	2 1/4
-2' 3"	2 5/8
-2' 6"	2 7/8
-2' 9"	3 1/8
-3' 0"	3 3/8
-3' 3"	3 3/4
-3' 6"	4
-3' 9"	4 1/4
-4' 0"	4 5/8
-4' 3"	4 7/8
-4' 6"	5 1/8
-4' 9"	5 1/2
-5' 0"	5 3/4
-5' 3"	6
-5' 6"	6 1/4
-5' 9"	6 5/8
-6' 0"	6 7/8
-6' 3"	7 1/8
-6' 6"	7 1/2
-6' 9"	7 3/4

NOTE: GAUGE POINT: TO TOP LIP OF 10" GAUGE HATCH, ON EXPANSION TRUNK
 NOTE: GAUGE POINT LOCATED NEAR AFT OF TANK - TRIM CORRECTION REQUIRED.
 REFERENCE GAUGE HEIGHT STARBOARD: 17' 1 3/4"
 NOTE: FOR ULLAGES LESS THAN 2' 00" USE INNAGE TABLE (INNAGE BY ULLAGE)

Calibrated: JF 1/22/2009
 Calculation: WHF 3/20/2009
 Re-Issued: August 6, 2009
 For: Revised trim correction

BARGE GRIFCO 3809

ULLAGE TABLE TANK: 5 Port

CAPACITIES IN U.S. BARRELS

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

HULL No. 05-2540

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	3515.61	0	3467.80	0	3416.87	0	3365.93	0	3193.66	0	2889.53	0	2585.23	0	2280.59
1/4	3514.97	1/4	3466.74	1/4	3415.80	1/4	3364.87	1/4	3187.32	1/4	2883.19	1/4	2578.88	1/4	2274.24
1/2	3514.30	1/2	3465.68	1/2	3414.74	1/2	3363.81	1/2	3180.99	1/2	2876.85	1/2	2572.53	1/2	2267.90
3/4	3513.59	3/4	3464.62	#N/A	3413.68	3/4	3362.74	3/4	3174.65	3/4	2870.52	3/4	2566.19	3/4	2261.55
1	3512.86	1	3463.56	1	3412.62	1	3361.68	1	3168.32	1	2864.18	1	2559.84	1	2255.20
1/4	3512.10	1/4	3462.50	1/4	3411.56	1/4	3360.62	1/4	3161.98	1/4	2857.85	1/4	2553.49	1/4	2248.86
1/2	3511.30	1/2	3461.44	1/2	3410.50	1/2	3359.56	1/2	3155.64	1/2	2851.51	1/2	2547.15	1/2	2242.51
3/4	3510.48	3/4	3460.37	3/4	3409.44	3/4	3358.50	3/4	3149.31	3/4	2845.17	3/4	2540.80	3/4	2236.16
2	3509.63	2	3459.31	2	3408.38	2	3357.44	2	3142.97	2	2838.84	2	2534.45	2	2229.82
1/4	3508.74	1/4	3458.25	1/4	3407.31	1/4	3356.38	1/4	3136.63	1/4	2832.50	1/4	2528.11	1/4	2223.47
1/2	3507.83	1/2	3457.19	1/2	3406.25	1/2	3355.32	1/2	3130.30	1/2	2826.17	1/2	2521.76	1/2	2217.12
3/4	3506.89	3/4	3456.13	3/4	3405.19	3/4	3354.25	3/4	3123.96	3/4	2819.83	3/4	2515.41	3/4	2210.78
3	3505.92	3	3455.07	3	3404.13	3	3353.19	3	3117.63	3	2813.49	3	2509.07	3	2204.43
1/4	3504.92	1/4	3454.01	1/4	3403.07	1/4	3352.13	1/4	3111.29	1/4	2807.16	1/4	2502.72	1/4	2198.08
1/2	3503.88	1/2	3452.95	1/2	3402.01	1/2	3351.07	1/2	3104.95	1/2	2800.82	1/2	2496.37	1/2	2191.74
3/4	3502.82	3/4	3451.89	3/4	3400.95	3/4	3350.01	3/4	3098.62	3/4	2794.48	3/4	2490.03	3/4	2185.39
4	3501.76	4	3450.82	4	3399.89	4	3348.95	4	3092.28	4	2788.15	4	2483.68	4	2179.04
1/4	3500.70	1/4	3449.76	1/4	3398.83	1/4	3347.89	1/4	3085.95	1/4	2781.81	1/4	2477.33	1/4	2172.70
1/2	3499.64	1/2	3448.70	1/2	3397.76	1/2	3346.83	1/2	3079.61	1/2	2775.48	1/2	2470.99	1/2	2166.35
3/4	3498.58	3/4	3447.64	3/4	3396.70	3/4	3345.77	3/4	3073.27	3/4	2769.14	3/4	2464.64	3/4	2160.00
5	3497.52	5	3446.58	5	3395.64	5	3344.70	5	3066.94	5	2762.80	5	2458.29	5	2153.66
1/4	3496.46	1/4	3445.52	1/4	3394.58	1/4	3343.64	1/4	3060.60	1/4	2756.47	1/4	2451.95	1/4	2147.31
1/2	3495.39	1/2	3444.46	1/2	3393.52	1/2	3342.58	1/2	3054.27	1/2	2750.13	1/2	2445.60	1/2	2140.96
3/4	3494.33	3/4	3443.40	3/4	3392.46	3/4	3341.52	3/4	3047.93	3/4	2743.80	3/4	2439.25	3/4	2134.62
6	3493.27	6	3442.33	6	3391.40	6	3340.46	6	3041.59	6	2737.46	6	2432.91	6	2128.27
1/4	3492.21	1/4	3441.27	1/4	3390.34	1/4	3339.40	1/4	3035.26	1/4	2731.12	1/4	2426.56	1/4	2121.92
1/2	3491.15	1/2	3440.21	1/2	3389.27	1/2	3338.36	1/2	3028.92	1/2	2724.79	1/2	2420.21	1/2	2115.58
3/4	3490.09	3/4	3439.15	3/4	3388.21	3/4	3337.33	3/4	3022.58	3/4	2718.45	3/4	2413.87	3/4	2109.23
7	3489.03	7	3438.09	7	3387.15	7	3320.39	7	3016.25	7	2712.12	7	2407.52	7	2102.88
1/4	3487.97	1/4	3437.03	1/4	3386.09	1/4	3314.05	1/4	3009.91	1/4	2705.78	1/4	2401.17	1/4	2096.54
1/2	3486.90	1/2	3435.97	1/2	3385.03	1/2	3307.72	1/2	3003.58	1/2	2699.44	1/2	2394.83	1/2	2090.19
3/4	3485.84	3/4	3434.91	3/4	3383.97	3/4	3301.38	3/4	2997.24	3/4	2693.11	3/4	2388.48	3/4	2083.84
8	3484.78	8	3433.84	8	3382.91	8	3295.04	8	2990.90	8	2686.77	8	2382.13	8	2077.50
1/4	3483.72	1/4	3432.78	1/4	3381.85	1/4	3288.71	1/4	2984.57	1/4	2680.42	1/4	2375.79	1/4	2071.15
1/2	3482.66	1/2	3431.72	1/2	3380.78	1/2	3282.37	1/2	2978.23	1/2	2674.08	1/2	2369.44	1/2	2064.80
3/4	3481.60	3/4	3430.66	3/4	3379.72	3/4	3276.03	3/4	2971.90	3/4	2667.73	3/4	2363.09	3/4	2058.46
9	3480.54	9	3429.60	9	3378.66	9	3269.70	9	2965.56	9	2661.38	9	2356.75	9	2052.11
1/4	3479.48	1/4	3428.54	1/4	3377.60	1/4	3263.36	1/4	2959.22	1/4	2655.04	1/4	2350.40	1/4	2045.76
1/2	3478.42	1/2	3427.48	1/2	3376.54	1/2	3257.02	1/2	2952.89	1/2	2648.69	1/2	2344.05	1/2	2039.42
3/4	3477.35	3/4	3426.42	3/4	3375.48	3/4	3250.69	3/4	2946.55	3/4	2642.35	3/4	2337.71	3/4	2033.07
10	3476.29	10	3425.36	10	3374.42	10	3244.35	10	2940.22	10	2636.00	10	2331.36	10	2026.72
1/4	3475.23	1/4	3424.29	1/4	3373.36	1/4	3238.02	1/4	2933.88	1/4	2629.65	1/4	2325.02	1/4	2020.38
1/2	3474.17	1/2	3423.23	1/2	3372.30	1/2	3231.68	1/2	2927.54	1/2	2623.31	1/2	2318.67	1/2	2014.03
3/4	3473.11	3/4	3422.17	3/4	3371.23	3/4	3225.34	3/4	2921.21	3/4	2616.96	3/4	2312.32	3/4	2007.69
11	3472.05	11	3421.11	11	3370.17	11	3219.01	11	2914.87	11	2610.61	11	2305.98	11	2001.34
1/4	3470.99	1/4	3420.05	1/4	3369.11	1/4	3212.67	1/4	2908.53	1/4	2604.27	1/4	2299.63	1/4	1994.99
1/2	3469.93	1/2	3418.99	1/2	3368.05	1/2	3206.33	1/2	2902.20	1/2	2597.92	1/2	2293.28	1/2	1988.65
3/4	3468.86	3/4	3417.93	3/4	3366.99	3/4	3200.00	3/4	2895.86	3/4	2591.57	3/4	2286.94	3/4	1982.30

NOTE: GAUGE POINT: TO TOP LIP OF 10" GAUGE HATCH, ON EXPANSION TRUNK

NOTE: GAUGE POINT LOCATED FORWARD END OF TANK - APPLY TRIM CORRECTION WHEN NOT ON EVEN KEEL

REFERENCE GAUGE HEIGHT PORT: 17' 2"

NOTE: FOR ULLAGES LESS THAN 2' 00" USE INNAGE TABLE (INNAGE BY ULLAGE)

Calibrated: JF 1/22/2009

Calculation: WHF 3/20/2009

Re-issued: August 6, 2009

For: Revised trim correction

BARGE GRIFCO 3809

ULLAGE TABLE TANK: 5 Port

CAPACITIES IN U.S. BARRELS

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

HULL No. 05-2540

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	1975.95	0	1671.32	0	1366.70	0	1062.12	0	758.28	0	455.34	0	152.37	0	0.37
1/4	1969.61	1/4	1664.98	1/4	1360.36	1/4	1055.79	1/4	751.98	1/4	449.03	1/4	146.06	1/4	0.33
1/2	1963.26	1/2	1658.63	1/2	1354.01	1/2	1049.45	1/2	745.68	1/2	442.72	1/2	139.77	1/2	0.28
3/4	1956.91	3/4	1652.28	3/4	1347.67	3/4	1043.12	3/4	739.37	3/4	436.41	3/4	133.50	3/4	0.23
1	1950.57	1	1645.94	1	1341.32	1	1036.79	1	733.07	1	430.10	1	127.26	1	0.19
1/4	1944.22	1/4	1639.59	1/4	1334.97	1/4	1030.46	1/4	726.76	1/4	423.78	1/4	121.04	1/4	0.14
1/2	1937.87	1/2	1633.25	1/2	1328.63	1/2	1024.12	1/2	720.45	1/2	417.47	1/2	114.85	1/2	0.09
3/4	1931.53	3/4	1626.90	3/4	1322.28	3/4	1017.79	3/4	714.14	3/4	411.16	3/4	108.67	3/4	0.05
2	1925.18	2	1620.55	2	1315.93	2	1011.46	2	707.82	2	404.85	2	102.52	2	0.00
1/4	1918.83	1/4	1614.21	1/4	1309.59	1/4	1005.12	1/4	701.51	1/4	398.54	1/4	96.40	1/4	
1/2	1912.49	1/2	1607.86	1/2	1303.24	1/2	998.79	1/2	695.20	1/2	392.22	1/2	90.30	1/2	
3/4	1906.14	3/4	1601.52	3/4	1296.90	3/4	992.46	3/4	688.89	3/4	385.91	3/4	84.22	3/4	
3	1899.79	3	1595.17	3	1290.55	3	986.12	3	682.58	3	379.60	3	78.16	3	
1/4	1893.45	1/4	1588.82	1/4	1284.20	1/4	979.79	1/4	676.26	1/4	373.29	1/4	72.13	1/4	
1/2	1887.10	1/2	1582.48	1/2	1277.86	1/2	973.46	1/2	669.95	1/2	366.98	1/2	66.12	1/2	
3/4	1880.75	3/4	1576.13	3/4	1271.51	3/4	967.13	3/4	663.64	3/4	360.66	3/4	60.14	3/4	
4	1874.41	4	1569.79	4	1265.16	4	960.79	4	657.33	4	354.35	4	54.17	4	
1/4	1868.06	1/4	1563.44	1/4	1258.82	1/4	954.46	1/4	651.02	1/4	348.04	1/4	48.23	1/4	
1/2	1861.71	1/2	1557.09	1/2	1252.47	1/2	948.13	1/2	644.70	1/2	341.73	1/2	42.32	1/2	
3/4	1855.37	3/4	1550.75	3/4	1246.13	3/4	941.79	3/4	638.39	3/4	335.42	3/4	36.80	3/4	
5	1849.02	5	1544.40	5	1239.78	5	935.46	5	632.08	5	329.10	5	31.68	5	
1/4	1842.67	1/4	1538.05	1/4	1233.43	1/4	929.13	1/4	625.77	1/4	322.79	1/4	26.95	1/4	
1/2	1836.33	1/2	1531.71	1/2	1227.09	1/2	922.79	1/2	619.46	1/2	316.48	1/2	22.62	1/2	
3/4	1829.98	3/4	1525.36	3/4	1220.74	3/4	916.46	3/4	613.14	3/4	310.17	3/4	18.69	3/4	
6	1823.63	6	1519.02	6	1214.39	6	910.13	6	606.83	6	303.86	6	15.16	6	
1/4	1817.29	1/4	1512.67	1/4	1208.05	1/4	903.80	1/4	600.52	1/4	297.54	1/4	12.02	1/4	
1/2	1810.94	1/2	1506.32	1/2	1201.70	1/2	897.46	1/2	594.21	1/2	291.23	1/2	9.28	1/2	
3/4	1804.59	3/4	1499.98	3/4	1195.35	3/4	891.13	3/4	587.90	3/4	284.92	3/4	6.93	3/4	
7	1798.25	7	1493.63	7	1189.01	7	884.80	7	581.58	7	278.61	7	4.98	7	
1/4	1791.90	1/4	1487.28	1/4	1182.66	1/4	878.46	1/4	575.27	1/4	272.29	1/4	3.43	1/4	
1/2	1785.55	1/2	1480.94	1/2	1176.32	1/2	872.13	1/2	568.96	1/2	265.98	1/2	2.27	1/2	
3/4	1779.21	3/4	1474.59	3/4	1169.97	3/4	865.80	3/4	562.65	3/4	259.67	3/4	1.50	3/4	
8	1772.86	8	1468.25	8	1163.62	8	859.46	8	556.34	8	253.36	8	1.12	8	
1/4	1766.51	1/4	1461.90	1/4	1157.28	1/4	853.13	1/4	550.02	1/4	247.05	1/4	1.07	1/4	
1/2	1760.17	1/2	1455.55	1/2	1150.93	1/2	846.80	1/2	543.71	1/2	240.73	1/2	1.03	1/2	
3/4	1753.82	3/4	1449.21	3/4	1144.58	3/4	840.46	3/4	537.40	3/4	234.42	3/4	0.98	3/4	
9	1747.48	9	1442.86	9	1138.24	9	834.13	9	531.09	9	228.11	9	0.93	9	
1/4	1741.13	1/4	1436.51	1/4	1131.89	1/4	827.78	1/4	524.78	1/4	221.80	1/4	0.89	1/4	
1/2	1734.78	1/2	1430.17	1/2	1125.55	1/2	821.44	1/2	518.46	1/2	215.49	1/2	0.84	1/2	
3/4	1728.44	3/4	1423.82	3/4	1119.20	3/4	815.09	3/4	512.15	3/4	209.18	3/4	0.79	3/4	
10	1722.09	10	1417.48	10	1112.85	10	808.74	10	505.84	10	202.87	10	0.75	10	
1/4	1715.75	1/4	1411.13	1/4	1106.51	1/4	802.40	1/4	499.53	1/4	196.55	1/4	0.70	1/4	
1/2	1709.40	1/2	1404.78	1/2	1100.16	1/2	796.09	1/2	493.22	1/2	190.24	1/2	0.65	1/2	
3/4	1703.05	3/4	1398.44	3/4	1093.81	3/4	789.79	3/4	486.90	3/4	183.93	3/4	0.61	3/4	
11	1696.71	11	1392.09	11	1087.47	11	783.49	11	480.59	11	177.62	11	0.56	11	
1/4	1690.36	1/4	1385.74	1/4	1081.12	1/4	777.19	1/4	474.28	1/4	171.31	1/4	0.51	1/4	
1/2	1684.01	1/2	1379.40	1/2	1074.79	1/2	770.88	1/2	467.97	1/2	164.99	1/2	0.47	1/2	
3/4	1677.67	3/4	1373.05	3/4	1068.45	3/4	764.58	3/4	461.66	3/4	158.68	3/4	0.42	3/4	

Trim Correction	
+12"	1 3/8
+9"	1
+6"	3/4
+3"	3/8
EVEN	0
-3"	-3/8
-6"	-3/4
-9"	-1
-1' 0"	-1 3/8
-1' 3"	-1 3/4
-1' 6"	-2 1/8
-1' 9"	-2 1/2
-2' 0"	-2 3/4
-2' 3"	-3 1/8
-2' 6"	-3 1/2
-2' 9"	-3 7/8
-3' 0"	-4 1/4
-3' 3"	-4 1/2
-3' 6"	-4 7/8
-3' 9"	-5 1/4
-4' 0"	-5 5/8
-4' 3"	-6
-4' 6"	-6 3/8
-4' 9"	-6 5/8
-5' 0"	-7
-5' 3"	-7 3/8
-5' 6"	-7 3/4
-5' 9"	-8 1/8
-6' 0"	-8 3/8
-6' 3"	-8 3/4
-6' 6"	-9 1/8
-6' 9"	-9 1/2

NOTE: GAUGE POINT: TO TOP LIP OF 10" GAUGE HATCH, ON EXPANSION TRUNK

NOTE: GAUGE POINT LOCATED FORWARD END OF TANK - APPLY TRIM CORRECTION WHEN NOT ON EVEN KEEL

REFERENCE GAUGE HEIGHT PORT: 12" 2'

NOTE: FOR ULLAGES LESS THAN 2' 00" USE INNAE TABLE (INNAE BY ULLAGE)

Calibrated: JF 1/22/2009
 Calculation: WHF 3/20/2009
 Re-issued: August 6, 2009
 For: Revised trim correction

BARGE GRIFCO 3809

ULLAGE TABLE TANK: 5 Stbd

CAPACITIES IN U.S. BARRELS

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

HULL No. 05-2540

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	3515.61	0	3467.80	0	3416.87	0	3365.93	0	3193.66	0	2889.53	0	2585.23	0	2280.59
1/4	3514.97	1/4	3466.74	1/4	3415.80	1/4	3364.87	1/4	3187.32	1/4	2883.19	1/4	2578.88	1/4	2274.24
1/2	3514.30	1/2	3465.68	1/2	3414.74	1/2	3363.81	1/2	3180.99	1/2	2876.85	1/2	2572.53	1/2	2267.90
3/4	3513.59	3/4	3464.62	3/4	3413.68	3/4	3362.74	3/4	3174.65	3/4	2870.52	3/4	2566.19	3/4	2261.55
1	3512.86	1	3463.56	1	3412.62	1	3361.68	1	3168.32	1	2864.18	1	2559.84	1	2255.20
1/4	3512.10	1/4	3462.50	1/4	3411.56	1/4	3360.62	1/4	3161.98	1/4	2857.85	1/4	2553.49	1/4	2248.86
1/2	3511.30	1/2	3461.44	1/2	3410.50	1/2	3359.56	1/2	3155.64	1/2	2851.51	1/2	2547.15	1/2	2242.51
3/4	3510.48	3/4	3460.37	3/4	3409.44	3/4	3358.50	3/4	3149.31	3/4	2845.17	3/4	2540.80	3/4	2236.16
2	3509.63	2	3459.31	2	3408.38	2	3357.44	2	3142.97	2	2838.84	2	2534.45	2	2229.82
1/4	3508.74	1/4	3458.25	1/4	3407.31	1/4	3356.38	1/4	3136.63	1/4	2832.50	1/4	2528.11	1/4	2223.47
1/2	3507.83	1/2	3457.19	1/2	3406.25	1/2	3355.32	1/2	3130.30	1/2	2826.17	1/2	2521.76	1/2	2217.12
3/4	3506.89	3/4	3456.13	3/4	3405.19	3/4	3354.25	3/4	3123.96	3/4	2819.83	3/4	2515.41	3/4	2210.78
3	3505.92	3	3455.07	3	3404.13	3	3353.19	3	3117.63	3	2813.49	3	2509.07	3	2204.43
1/4	3504.92	1/4	3454.01	1/4	3403.07	1/4	3352.13	1/4	3111.29	1/4	2807.16	1/4	2502.72	1/4	2198.08
1/2	3503.88	1/2	3452.95	1/2	3402.01	1/2	3351.07	1/2	3104.95	1/2	2800.82	1/2	2496.37	1/2	2191.74
3/4	3502.82	3/4	3451.89	3/4	3400.95	3/4	3350.01	3/4	3098.62	3/4	2794.48	3/4	2490.03	3/4	2185.39
4	3501.76	4	3450.82	4	3399.89	4	3348.95	4	3092.28	4	2788.15	4	2483.68	4	2179.04
1/4	3500.70	1/4	3449.76	1/4	3398.83	1/4	3347.89	1/4	3085.95	1/4	2781.81	1/4	2477.33	1/4	2172.70
1/2	3499.64	1/2	3448.70	1/2	3397.76	1/2	3346.83	1/2	3079.61	1/2	2775.48	1/2	2470.99	1/2	2166.35
3/4	3498.58	3/4	3447.64	3/4	3396.70	3/4	3345.77	3/4	3073.27	3/4	2769.14	3/4	2464.64	3/4	2160.00
5	3497.52	5	3446.58	5	3395.64	5	3344.70	5	3066.94	5	2762.80	5	2458.29	5	2153.66
1/4	3496.46	1/4	3445.52	1/4	3394.58	1/4	3343.64	1/4	3060.60	1/4	2756.47	1/4	2451.95	1/4	2147.31
1/2	3495.39	1/2	3444.46	1/2	3393.52	1/2	3342.58	1/2	3054.27	1/2	2750.13	1/2	2445.60	1/2	2140.96
3/4	3494.33	3/4	3443.40	3/4	3392.46	3/4	3341.52	3/4	3047.93	3/4	2743.80	3/4	2439.25	3/4	2134.62
6	3493.27	6	3442.33	6	3391.40	6	3340.46	6	3041.59	6	2737.46	6	2432.91	6	2128.27
1/4	3492.21	1/4	3441.27	1/4	3390.34	1/4	3339.40	1/4	3035.26	1/4	2731.12	1/4	2426.56	1/4	2121.92
1/2	3491.15	1/2	3440.21	1/2	3389.27	1/2	3338.36	1/2	3028.92	1/2	2724.79	1/2	2420.21	1/2	2115.58
3/4	3490.09	3/4	3439.15	3/4	3388.21	3/4	3337.30	3/4	3022.58	3/4	2718.45	3/4	2413.87	3/4	2109.23
7	3489.03	7	3438.09	7	3387.15	7	3320.39	7	3016.25	7	2712.12	7	2407.52	7	2102.88
1/4	3487.97	1/4	3437.03	1/4	3386.09	1/4	3314.05	1/4	3009.91	1/4	2705.78	1/4	2401.17	1/4	2096.54
1/2	3486.90	1/2	3435.97	1/2	3385.03	1/2	3307.72	1/2	3003.58	1/2	2699.44	1/2	2394.83	1/2	2090.19
3/4	3485.84	3/4	3434.91	3/4	3383.97	3/4	3301.38	3/4	2997.24	3/4	2693.11	3/4	2388.48	3/4	2083.84
8	3484.78	8	3433.84	8	3382.91	8	3295.04	8	2990.90	8	2686.77	8	2382.13	8	2077.50
1/4	3483.72	1/4	3432.78	1/4	3381.85	1/4	3288.71	1/4	2984.57	1/4	2680.42	1/4	2375.79	1/4	2071.15
1/2	3482.66	1/2	3431.72	1/2	3380.78	1/2	3282.37	1/2	2978.23	1/2	2674.08	1/2	2369.44	1/2	2064.80
3/4	3481.60	3/4	3430.66	3/4	3379.72	3/4	3276.03	3/4	2971.90	3/4	2667.73	3/4	2363.09	3/4	2058.46
9	3480.54	9	3429.60	9	3378.66	9	3269.70	9	2965.56	9	2661.38	9	2356.75	9	2052.11
1/4	3479.48	1/4	3428.54	1/4	3377.60	1/4	3263.36	1/4	2959.22	1/4	2655.04	1/4	2350.40	1/4	2045.76
1/2	3478.42	1/2	3427.48	1/2	3376.54	1/2	3257.02	1/2	2952.89	1/2	2648.69	1/2	2344.05	1/2	2039.42
3/4	3477.35	3/4	3426.42	3/4	3375.48	3/4	3250.69	3/4	2946.55	3/4	2642.35	3/4	2337.71	3/4	2033.07
10	3476.29	10	3425.36	10	3374.42	10	3244.35	10	2940.22	10	2636.00	10	2331.36	10	2026.72
1/4	3475.23	1/4	3424.29	1/4	3373.36	1/4	3238.02	1/4	2933.88	1/4	2629.65	1/4	2325.02	1/4	2020.38
1/2	3474.17	1/2	3423.23	1/2	3372.30	1/2	3231.68	1/2	2927.54	1/2	2623.31	1/2	2318.67	1/2	2014.03
3/4	3473.11	3/4	3422.17	3/4	3371.23	3/4	3225.34	3/4	2921.21	3/4	2616.96	3/4	2312.32	3/4	2007.69
11	3472.05	11	3421.11	11	3370.17	11	3219.01	11	2914.87	11	2610.61	11	2305.98	11	2001.34
1/4	3470.99	1/4	3420.05	1/4	3369.11	1/4	3212.67	1/4	2908.53	1/4	2604.27	1/4	2299.63	1/4	1994.99
1/2	3469.93	1/2	3418.99	1/2	3368.05	1/2	3206.33	1/2	2902.20	1/2	2597.92	1/2	2293.28	1/2	1988.65
3/4	3468.86	3/4	3417.93	3/4	3366.99	3/4	3200.00	3/4	2895.86	3/4	2591.57	3/4	2286.94	3/4	1982.30

NOTE: GAUGE POINT: TO TOP LIP OF 10" GAUGE HATCH, ON EXPANSION TRUNK

NOTE: GAUGE POINT LOCATED FORWARD END OF TANK - APPLY TRIM CORRECTION WHEN NOT ON EVEN KEEL

REFERENCE GAUGE HEIGHT STARBOARD: 17' 2"

NOTE: FOR ULLAGES LESS THAN 2' 00" USE INNAGE TABLE (INNAGE BY ULLAGE)

Calibrated: JF 1/22/2009

Calculation: WHF 3/20/2009

Re-Issued: August 6, 2009

For: Revised trim correction

BARGE GRIFCO 3809

ULLAGE TABLE TANK: 5 Stbd

CAPACITIES IN U.S. BARRELS

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

HULL No. 05-2540

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	1975.95	0	1671.32	0	1366.70	0	1062.12	0	758.28	0	455.34	0	152.37	0	0.37
1/4	1969.61	1/4	1664.98	1/4	1360.36	1/4	1055.79	1/4	751.98	1/4	449.03	1/4	146.06	1/4	0.33
1/2	1963.26	1/2	1658.63	1/2	1354.01	1/2	1049.45	1/2	745.68	1/2	442.72	1/2	139.77	1/2	0.28
3/4	1956.91	3/4	1652.28	3/4	1347.67	3/4	1043.12	3/4	739.37	3/4	436.41	3/4	133.50	3/4	0.23
1	1950.57	1	1645.94	1	1341.32	1	1036.79	1	733.07	1	430.10	1	127.26	1	0.19
1/4	1944.22	1/4	1639.59	1/4	1334.97	1/4	1030.46	1/4	726.76	1/4	423.78	1/4	121.04	1/4	0.14
1/2	1937.87	1/2	1633.25	1/2	1328.63	1/2	1024.12	1/2	720.45	1/2	417.47	1/2	114.85	1/2	0.09
3/4	1931.53	3/4	1626.90	3/4	1322.28	3/4	1017.79	3/4	714.14	3/4	411.16	3/4	108.67	3/4	0.05
2	1925.18	2	1620.55	2	1315.93	2	1011.46	2	707.82	2	404.85	2	102.52	2	0.00
1/4	1918.83	1/4	1614.21	1/4	1309.59	1/4	1005.12	1/4	701.51	1/4	398.54	1/4	96.40	1/4	
1/2	1912.49	1/2	1607.86	1/2	1303.24	1/2	998.79	1/2	695.20	1/2	392.22	1/2	90.30	1/2	
3/4	1906.14	3/4	1601.52	3/4	1296.90	3/4	992.46	3/4	688.89	3/4	385.91	3/4	84.22	3/4	
3	1899.79	3	1595.17	3	1290.55	3	986.12	3	682.58	3	379.60	3	78.16	3	
1/4	1893.45	1/4	1588.82	1/4	1284.20	1/4	979.79	1/4	676.26	1/4	373.29	1/4	72.13	1/4	
1/2	1887.10	1/2	1582.48	1/2	1277.86	1/2	973.46	1/2	669.95	1/2	366.98	1/2	66.12	1/2	
3/4	1880.75	3/4	1576.13	3/4	1271.51	3/4	967.13	3/4	663.64	3/4	360.66	3/4	60.14	3/4	
4	1874.41	4	1569.79	4	1265.16	4	960.79	4	657.33	4	354.35	4	54.17	4	
1/4	1868.06	1/4	1563.44	1/4	1258.82	1/4	954.46	1/4	651.02	1/4	348.04	1/4	48.23	1/4	
1/2	1861.71	1/2	1557.09	1/2	1252.47	1/2	948.13	1/2	644.70	1/2	341.73	1/2	42.32	1/2	
3/4	1855.37	3/4	1550.75	3/4	1246.13	3/4	941.79	3/4	638.39	3/4	335.42	3/4	36.80	3/4	
5	1849.02	5	1544.40	5	1239.78	5	935.46	5	632.08	5	329.10	5	31.68	5	
1/4	1842.67	1/4	1538.05	1/4	1233.43	1/4	929.13	1/4	625.77	1/4	322.79	1/4	26.95	1/4	
1/2	1836.33	1/2	1531.71	1/2	1227.09	1/2	922.79	1/2	619.46	1/2	316.48	1/2	22.62	1/2	
3/4	1829.98	3/4	1525.36	3/4	1220.74	3/4	916.46	3/4	613.14	3/4	310.17	3/4	18.69	3/4	
6	1823.63	6	1519.02	6	1214.39	6	910.13	6	606.83	6	303.86	6	15.16	6	
1/4	1817.29	1/4	1512.67	1/4	1208.05	1/4	903.80	1/4	600.52	1/4	297.54	1/4	12.02	1/4	
1/2	1810.94	1/2	1506.32	1/2	1201.70	1/2	897.46	1/2	594.21	1/2	291.23	1/2	9.28	1/2	
3/4	1804.59	3/4	1499.98	3/4	1195.35	3/4	891.13	3/4	587.90	3/4	284.92	3/4	6.93	3/4	
7	1798.25	7	1493.63	7	1189.01	7	884.80	7	581.58	7	278.61	7	4.98	7	
1/4	1791.90	1/4	1487.28	1/4	1182.66	1/4	878.46	1/4	575.27	1/4	272.29	1/4	3.43	1/4	
1/2	1785.55	1/2	1480.94	1/2	1176.32	1/2	872.13	1/2	568.96	1/2	265.98	1/2	2.27	1/2	
3/4	1779.21	3/4	1474.59	3/4	1169.97	3/4	865.80	3/4	562.65	3/4	259.67	3/4	1.50	3/4	
8	1772.86	8	1468.25	8	1163.62	8	859.46	8	556.34	8	253.36	8	1.12	8	
1/4	1766.51	1/4	1461.90	1/4	1157.28	1/4	853.13	1/4	550.02	1/4	247.05	1/4	1.07	1/4	
1/2	1760.17	1/2	1455.55	1/2	1150.93	1/2	846.80	1/2	543.71	1/2	240.73	1/2	1.03	1/2	
3/4	1753.82	3/4	1449.21	3/4	1144.58	3/4	840.46	3/4	537.40	3/4	234.42	3/4	0.98	3/4	
9	1747.48	9	1442.86	9	1138.24	9	834.13	9	531.09	9	228.11	9	0.93	9	
1/4	1741.13	1/4	1436.51	1/4	1131.89	1/4	827.78	1/4	524.78	1/4	221.80	1/4	0.89	1/4	
1/2	1734.78	1/2	1430.17	1/2	1125.55	1/2	821.44	1/2	518.46	1/2	215.49	1/2	0.84	1/2	
3/4	1728.44	3/4	1423.82	3/4	1119.20	3/4	815.09	3/4	512.15	3/4	209.18	3/4	0.79	3/4	
10	1722.09	10	1417.48	10	1112.85	10	808.74	10	505.84	10	202.87	10	0.75	10	
1/4	1715.75	1/4	1411.13	1/4	1106.51	1/4	802.40	1/4	499.53	1/4	196.55	1/4	0.70	1/4	
1/2	1709.40	1/2	1404.78	1/2	1100.16	1/2	796.09	1/2	493.22	1/2	190.24	1/2	0.65	1/2	
3/4	1703.05	3/4	1398.44	3/4	1093.81	3/4	789.79	3/4	486.90	3/4	183.93	3/4	0.61	3/4	
11	1696.71	11	1392.09	11	1087.47	11	783.49	11	480.59	11	177.62	11	0.56	11	
1/4	1690.36	1/4	1385.74	1/4	1081.12	1/4	777.19	1/4	474.28	1/4	171.31	1/4	0.51	1/4	
1/2	1684.01	1/2	1379.40	1/2	1074.79	1/2	770.88	1/2	467.97	1/2	164.99	1/2	0.47	1/2	
3/4	1677.67	3/4	1373.05	3/4	1068.45	3/4	764.58	3/4	461.66	3/4	158.68	3/4	0.42	3/4	

Trim Correction	
+12"	1 3/8
+9"	1
+6"	3/4
+3"	3/8
EVEN	0
-3"	- 3/8
-6"	- 3/4
-9"	-1
-1' 0"	-1 3/8
-1'-3"	-1 3/4
-1'-6"	-2 1/8
-1'-9"	-2 1/2
-2' 0"	-2 3/4
-2'-3"	-3 1/8
-2'-6"	-3 1/2
-2'-9"	-3 7/8
-3' 0"	-4 1/4
-3'-3"	-4 1/2
-3'-6"	-4 7/8
-3'-9"	-5 1/4
-4' 0"	-5 5/8
-4'-3"	-6
-4'-6"	-6 3/8
-4'-9"	-6 5/8
-5' 0"	-7
-5'-3"	-7 3/8
-5'-6"	-7 3/4
-5'-9"	-8 1/8
-6' 0"	-8 3/8
-6'-3"	-8 3/4
-6'-6"	-9 1/8
-6'-9"	-9 1/2

NOTE: GAUGE POINT: TO TOP LIP OF 10" GAUGE HATCH, ON EXPANSION TRUNK

NOTE: GAUGE POINT LOCATED FORWARD END OF TANK - APPLY TRIM CORRECTION WHEN NOT ON EVEN KEEL

REFERENCE GAUGE HEIGHT STARBOARD: 17' 2"

NOTE: FOR ULLAGES LESS THAN 2' 00" USE INNAGE TABLE (INNAGE BY ULLAGE)

Calibrated: JF 1/22/2009
 Calculation: WHF 3/20/2009
 Re-Issued: August 6, 2009
 For: Revised trim correction