

Intertek
Caleb Brett

BARGE GRIFCO 3807

TANK: 1 P/S

CAPACITIES IN U.S. BARRELS

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

HULL No. 05-2538

IN	0 FT		1 FT		2 FT		3 FT		4 FT		5 FT		6 FT		7 FT	
	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0.00	0	45.10	0	212.42	0	431.34	0	687.10	0	943.64	0	1199.01	0	1455.58	0
1/4	0.05	1/4	48.08	1/4	216.40	1/4	436.52	1/4	692.44	1/4	948.98	1/4	1204.35	1/4	1460.92	1/4
1/2	0.09	1/2	51.08	1/2	220.40	1/2	441.72	1/2	697.79	1/2	954.32	1/2	1209.70	1/2	1466.27	1/2
3/4	0.14	3/4	54.10	3/4	224.43	3/4	446.95	3/4	703.13	3/4	959.66	3/4	1215.04	3/4	1471.61	3/4
1	0.19	1	57.15	1	228.49	1	452.19	1	708.48	1	965.01	1	1220.39	1	1476.96	1
1/4	0.23	1/4	60.22	1/4	232.54	1/4	457.46	1/4	713.82	1/4	970.30	1/4	1225.73	1/4	1482.30	1/4
1/2	0.28	1/2	63.31	1/2	236.62	1/2	462.75	1/2	719.17	1/2	975.59	1/2	1231.08	1/2	1487.65	1/2
3/4	0.33	3/4	66.42	3/4	240.72	3/4	468.07	3/4	724.51	3/4	980.89	3/4	1236.42	3/4	1492.99	3/4
2	0.37	2	69.56	2	244.84	2	473.41	2	729.86	2	986.18	2	1241.77	2	1498.34	2
1/4	0.42	1/4	72.73	1/4	248.98	1/4	478.75	1/4	735.20	1/4	991.47	1/4	1247.11	1/4	1503.68	1/4
1/2	0.47	1/2	75.91	1/2	253.15	1/2	484.09	1/2	740.55	1/2	996.77	1/2	1252.46	1/2	1509.03	1/2
3/4	0.51	3/4	79.12	3/4	257.34	3/4	489.43	3/4	745.89	3/4	1002.06	3/4	1257.80	3/4	1514.37	3/4
3	0.56	3	82.35	3	261.58	3	494.77	3	751.24	3	1007.35	3	1263.15	3	1519.72	3
1/4	0.61	1/4	85.61	1/4	265.84	1/4	500.11	1/4	756.58	1/4	1012.65	1/4	1268.49	1/4	1525.06	1/4
1/2	0.65	1/2	88.88	1/2	270.12	1/2	505.45	1/2	761.93	1/2	1017.94	1/2	1273.84	1/2	1530.41	1/2
3/4	0.70	3/4	92.19	3/4	274.43	3/4	510.79	3/4	767.27	3/4	1023.23	3/4	1279.18	3/4	1535.75	3/4
4	0.75	4	95.51	4	278.76	4	516.13	4	772.62	4	1028.53	4	1284.53	4	1541.10	4
1/4	0.79	1/4	98.86	1/4	283.11	1/4	521.47	1/4	777.96	1/4	1033.82	1/4	1289.87	1/4	1546.44	1/4
1/2	0.84	1/2	102.22	1/2	287.48	1/2	526.81	1/2	783.31	1/2	1039.11	1/2	1295.22	1/2	1551.79	1/2
3/4	0.89	3/4	105.62	3/4	291.88	3/4	532.15	3/4	788.65	3/4	1044.41	3/4	1300.57	3/4	1557.13	3/4
5	0.93	5	109.03	5	296.30	5	537.49	5	794.00	5	1049.70	5	1305.91	5	1562.48	5
1/4	0.98	1/4	112.47	1/4	300.74	1/4	542.83	1/4	799.34	1/4	1055.00	1/4	1311.26	1/4	1567.83	1/4
1/2	1.03	1/2	115.93	1/2	305.21	1/2	548.16	1/2	804.69	1/2	1060.29	1/2	1316.60	1/2	1573.17	1/2
3/4	1.07	3/4	119.42	3/4	309.70	3/4	553.50	3/4	810.03	3/4	1065.58	3/4	1321.95	3/4	1578.52	3/4
6	1.12	6	122.92	6	314.21	6	558.84	6	815.38	6	1070.88	6	1327.29	6	1583.86	6
1/4	1.27	1/4	126.45	1/4	318.74	1/4	564.18	1/4	820.72	1/4	1076.17	1/4	1332.64	1/4	1589.21	1/4
1/2	1.57	1/2	130.01	1/2	323.30	1/2	569.52	1/2	826.07	1/2	1081.46	1/2	1337.98	1/2	1594.55	1/2
3/4	2.03	3/4	133.58	3/4	327.88	3/4	574.86	3/4	831.41	3/4	1086.76	3/4	1343.33	3/4	1599.90	3/4
7	2.65	7	137.18	7	332.58	7	580.20	7	836.76	7	1092.10	7	1348.67	7	1605.24	7
1/4	3.44	1/4	140.58	1/4	337.31	1/4	585.55	1/4	842.10	1/4	1097.45	1/4	1354.02	1/4	1610.59	1/4
1/2	4.39	1/2	144.00	1/2	342.06	1/2	590.89	1/2	847.45	1/2	1102.79	1/2	1359.36	1/2	1615.93	1/2
3/4	5.51	3/4	147.45	3/4	346.83	3/4	596.23	3/4	852.79	3/4	1108.14	3/4	1364.71	3/4	1621.28	3/4
8	6.80	8	150.92	8	351.62	8	601.57	8	858.14	8	1113.48	8	1370.05	8	1626.62	8
1/4	8.04	1/4	154.41	1/4	356.43	1/4	606.92	1/4	863.48	1/4	1118.83	1/4	1375.40	1/4	1631.97	1/4
1/2	9.46	1/2	157.92	1/2	361.27	1/2	612.26	1/2	868.83	1/2	1124.17	1/2	1380.74	1/2	1637.31	1/2
3/4	11.06	3/4	161.46	3/4	366.12	3/4	617.61	3/4	874.17	3/4	1129.52	3/4	1386.09	3/4	1642.66	3/4
9	12.85	9	165.24	9	371.00	9	622.95	9	879.52	9	1134.86	9	1391.43	9	1648.00	9
1/4	14.82	1/4	169.05	1/4	375.91	1/4	628.30	1/4	884.86	1/4	1140.21	1/4	1396.78	1/4	1653.35	1/4
1/2	16.98	1/2	172.87	1/2	380.83	1/2	633.64	1/2	890.21	1/2	1145.55	1/2	1402.12	1/2	1658.69	1/2
3/4	19.33	3/4	176.73	3/4	385.78	3/4	638.99	3/4	895.55	3/4	1150.90	3/4	1407.47	3/4	1664.04	3/4
10	22.10	10	180.60	10	390.75	10	644.33	10	900.90	10	1156.24	10	1412.81	10	1669.38	10
1/4	24.90	1/4	184.50	1/4	395.74	1/4	649.68	1/4	906.24	1/4	1161.59	1/4	1418.16	1/4	1674.73	1/4
1/2	27.72	1/2	188.42	1/2	400.76	1/2	655.03	1/2	911.59	1/2	1166.94	1/2	1423.50	1/2	1680.07	1/2
3/4	30.56	3/4	192.36	3/4	405.80	3/4	660.37	3/4	916.93	3/4	1172.28	3/4	1428.85	3/4	1685.42	3/4
11	33.42	11	196.33	11	410.86	11	665.72	11	922.27	11	1177.63	11	1434.20	11	1690.76	11
1/4	36.30	1/4	200.31	1/4	415.95	1/4	671.06	1/4	927.61	1/4	1182.97	1/4	1439.54	1/4	1696.11	1/4
1/2	39.21	1/2	204.33	1/2	421.06	1/2	676.41	1/2	932.95	1/2	1188.32	1/2	1444.89	1/2	1701.46	1/2
3/4	42.14	3/4	208.36	3/4	426.19	3/4	681.75	3/4	938.30	3/4	1193.66	3/4	1450.23	3/4	1706.80	3/4

NOTE: GAUGE POINT - TOP OF 10" GAUGE HATCH ON EXPANSION TRUNK
 NOTE: GAUGE POINT LOCATED AT END OF TANK - APPLY TRIM CORRECTION WHEN NOT ON EVEN KEEL
 REFERENCE GAUGE HEIGHT PORT: 17' 1.94"
 REFERENCE GAUGE HEIGHT STARBOARD: 17' 2"
 Calibrated: JF 11-25-2008
 Calculation: WHF 12/16/2008
 Re-issued: August 6, 2008
 SLUMP GAUGING

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BARGE GRIFCO 3807

TANK: 1 P/S

CAPACITIES IN U.S. BARRELS

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

HULL No. 05-2538

IN	8 FT		9 FT		10 FT		11 FT		12 FT		13 FT		14 FT		15 FT	
	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	1712.15	0	1968.72	0	2225.28	0	2481.83	0	2738.36	0	2994.05	0	3249.01	0	3499.71	0
1/4	1717.49	1/4	1974.06	1/4	2230.63	1/4	2487.18	1/4	2743.71	1/4	2999.36	1/4	3254.32	1/4	3503.93	1/4
1/2	1722.84	1/2	1979.41	1/2	2235.98	1/2	2492.52	1/2	2749.05	1/2	3004.67	1/2	3259.63	1/2	3508.01	1/2
3/4	1728.18	3/4	1984.75	3/4	2241.32	3/4	2497.87	3/4	2754.40	3/4	3009.98	3/4	3264.94	3/4	3511.95	3/4
1	1733.53	1	1990.10	1	2246.67	1	2503.21	1	2759.74	1	3015.29	1	3270.25	1	3515.73	1
1/4	1738.87	1/4	1995.44	1/4	2252.01	1/4	2508.56	1/4	2765.09	1/4	3020.60	1/4	3275.57	1/4	3519.36	1/4
1/2	1744.22	1/2	2000.79	1/2	2257.36	1/2	2513.90	1/2	2770.43	1/2	3025.92	1/2	3280.88	1/2	3522.85	1/2
3/4	1749.56	3/4	2006.13	3/4	2262.70	3/4	2519.24	3/4	2775.78	3/4	3031.23	3/4	3286.19	3/4	3526.19	3/4
2	1754.91	2	2011.48	2	2268.05	2	2524.59	2	2781.12	2	3036.54	2	3291.50	2	3529.37	2
1/4	1760.25	1/4	2016.82	1/4	2273.39	1/4	2529.93	1/4	2786.46	1/4	3041.85	1/4	3296.81	1/4	3532.41	1/4
1/2	1765.60	1/2	2022.17	1/2	2278.74	1/2	2535.28	1/2	2791.81	1/2	3047.16	1/2	3302.12	1/2	3535.31	1/2
3/4	1770.94	3/4	2027.51	3/4	2284.08	3/4	2540.62	3/4	2797.15	3/4	3052.47	3/4	3307.44	3/4	3538.05	3/4
3	1776.29	3	2032.86	3	2289.43	3	2545.97	3	2802.50	3	3057.79	3	3312.75	3	3541.25	3
1/4	1781.63	1/4	2038.20	1/4	2294.77	1/4	2551.31	1/4	2807.84	1/4	3063.10	1/4	3318.06	1/4	3544.44	1/4
1/2	1786.98	1/2	2043.55	1/2	2300.12	1/2	2556.66	1/2	2813.19	1/2	3068.41	1/2	3323.37	1/2	3547.62	1/2
3/4	1792.32	3/4	2048.89	3/4	2305.46	3/4	2562.00	3/4	2818.53	3/4	3073.72	3/4	3328.68	3/4	3550.79	3/4
4	1797.67	4	2054.24	4	2310.81	4	2567.34	4	2823.88	4	3079.03	4	3333.99	4	3553.99	4
1/4	1803.01	1/4	2059.58	1/4	2316.15	1/4	2572.69	1/4	2829.22	1/4	3084.34	1/4	3339.31	1/4	3557.18	1/4
1/2	1808.36	1/2	2064.93	1/2	2321.50	1/2	2578.03	1/2	2834.56	1/2	3089.66	1/2	3344.62	1/2	3560.36	1/2
3/4	1813.70	3/4	2070.27	3/4	2326.84	3/4	2583.38	3/4	2839.91	3/4	3094.97	3/4	3349.93	3/4	3563.54	3/4
5	1819.05	5	2075.62	5	2332.19	5	2588.72	5	2845.25	5	3100.28	5	3355.24	5	3566.72	5
1/4	1824.39	1/4	2080.96	1/4	2337.53	1/4	2594.07	1/4	2850.60	1/4	3105.59	1/4	3360.55	1/4	3569.90	1/4
1/2	1829.74	1/2	2086.31	1/2	2342.88	1/2	2599.41	1/2	2855.94	1/2	3110.90	1/2	3365.86	1/2	3573.08	1/2
3/4	1835.09	3/4	2091.65	3/4	2348.22	3/4	2604.75	3/4	2861.25	3/4	3116.21	3/4	3371.13	3/4	3576.26	3/4
6	1840.43	6	2097.00	6	2353.57	6	2610.10	6	2866.57	6	3121.53	6	3376.40	6	3579.44	6
1/4	1845.78	1/4	2102.35	1/4	2358.91	1/4	2615.44	1/4	2871.88	1/4	3126.84	1/4	3381.67	1/4	3582.62	1/4
1/2	1851.12	1/2	2107.69	1/2	2364.26	1/2	2620.79	1/2	2877.19	1/2	3132.15	1/2	3386.94	1/2	3585.80	1/2
3/4	1856.47	3/4	2113.04	3/4	2369.60	3/4	2626.13	3/4	2882.50	3/4	3137.46	3/4	3392.20	3/4	3589.00	3/4
7	1861.81	7	2118.38	7	2374.95	7	2631.48	7	2887.81	7	3142.77	7	3397.47	7	3592.18	7
1/4	1867.16	1/4	2123.73	1/4	2380.29	1/4	2636.82	1/4	2893.12	1/4	3148.09	1/4	3402.74	1/4	3595.36	1/4
1/2	1872.50	1/2	2129.07	1/2	2385.63	1/2	2642.17	1/2	2898.44	1/2	3153.40	1/2	3408.01	1/2	3598.54	1/2
3/4	1877.85	3/4	2134.42	3/4	2390.98	3/4	2647.51	3/4	2903.75	3/4	3158.71	3/4	3413.28	3/4	3601.72	3/4
8	1883.19	8	2139.76	8	2396.32	8	2652.85	8	2909.06	8	3164.02	8	3418.54	8	3604.90	8
1/4	1888.54	1/4	2145.11	1/4	2401.67	1/4	2658.20	1/4	2914.37	1/4	3169.33	1/4	3423.81	1/4	3608.08	1/4
1/2	1893.88	1/2	2150.45	1/2	2407.01	1/2	2663.54	1/2	2919.68	1/2	3174.64	1/2	3429.08	1/2	3611.26	1/2
3/4	1899.23	3/4	2155.80	3/4	2412.36	3/4	2668.89	3/4	2924.99	3/4	3179.96	3/4	3434.35	3/4	3614.44	3/4
9	1904.57	9	2161.14	9	2417.70	9	2674.23	9	2930.31	9	3185.27	9	3439.61	9	3617.62	9
1/4	1909.92	1/4	2166.49	1/4	2423.05	1/4	2679.58	1/4	2935.62	1/4	3190.58	1/4	3444.88	1/4	3620.80	1/4
1/2	1915.26	1/2	2171.83	1/2	2428.39	1/2	2684.92	1/2	2940.93	1/2	3195.89	1/2	3450.15	1/2	3624.00	1/2
3/4	1920.61	3/4	2177.18	3/4	2433.73	3/4	2690.27	3/4	2946.24	3/4	3201.20	3/4	3455.42	3/4	3627.18	3/4
10	1925.95	10	2182.52	10	2439.08	10	2695.61	10	2951.55	10	3206.51	10	3460.69	10	3630.36	10
1/4	1931.30	1/4	2187.87	1/4	2444.42	1/4	2700.95	1/4	2956.86	1/4	3211.83	1/4	3465.95	1/4	3633.54	1/4
1/2	1936.64	1/2	2193.21	1/2	2449.77	1/2	2706.30	1/2	2962.18	1/2	3217.14	1/2	3471.22	1/2	3636.72	1/2
3/4	1941.99	3/4	2198.56	3/4	2455.11	3/4	2711.64	3/4	2967.49	3/4	3222.45	3/4	3476.50	3/4	3639.90	3/4
11	1947.33	11	2203.90	11	2460.46	11	2716.99	11	2972.80	11	3227.76	11	3481.78	11	3643.08	11
1/4	1952.68	1/4	2209.25	1/4	2465.80	1/4	2722.33	1/4	2978.11	1/4	3233.07	1/4	3487.05	1/4	3646.26	1/4
1/2	1958.02	1/2	2214.59	1/2	2471.14	1/2	2727.68	1/2	2983.42	1/2	3238.38	1/2	3492.33	1/2	3649.44	1/2
3/4	1963.37	3/4	2219.94	3/4	2476.49	3/4	2733.02	3/4	2988.73	3/4	3243.70	3/4	3497.60	3/4	3652.62	3/4

NOTE: GAUGE POINT: TOP UP-OF-10" GAUGE HATCH, ON EXPANSION TRUNK
 BOTTOM GAUGE POINT LOCATED AT END OF TANK - APPLY TRIM CORRECTION WHEN NOT ON EVEN KEEL
 REFERENCE GAUGE HEIGHT PORT 11" 1 3/4"
 REFERENCE GAUGE HEIGHT STARBOARD 17" 2"

Calculated: JF 11-26-2008
 Calculation: WHF 12/16/2008
 Re-issued: August 6, 2009
 FOR SUMP GAUGING



Caleb Brett

CAPACITIES IN U.S. BARRELS

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

HULL No. 05-2538

BARGE GRIFCO 3807

TANK: 2 P/S

IN	0 FT		1 FT		2 FT		3 FT		4 FT		5 FT		6 FT		7 FT	
	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0.00	0	87.28	0	338.57	0	589.86	0	841.80	0	1094.60	0	1347.53	0	1600.47	0
1/4	0.05	1/4	92.51	1/4	343.80	1/4	595.09	1/4	847.06	1/4	1099.86	1/4	1352.80	1/4	1605.74	1/4
1/2	0.09	1/2	97.75	1/2	349.04	1/2	600.33	1/2	852.37	1/2	1105.13	1/2	1358.07	1/2	1611.01	1/2
3/4	0.14	3/4	102.98	3/4	354.27	3/4	605.56	3/4	857.57	3/4	1110.40	3/4	1363.34	3/4	1616.28	3/4
1	0.19	1	108.22	1	359.51	1	610.80	1	862.83	1	1115.67	1	1368.61	1	1621.55	1
1/4	0.23	1/4	113.45	1/4	364.74	1/4	616.02	1/4	868.08	1/4	1120.94	1/4	1373.87	1/4	1626.82	1/4
1/2	0.28	1/2	118.69	1/2	369.98	1/2	621.25	1/2	873.34	1/2	1126.21	1/2	1379.14	1/2	1632.09	1/2
3/4	0.33	3/4	123.93	3/4	375.21	3/4	626.47	3/4	878.60	3/4	1131.48	3/4	1384.41	3/4	1637.36	3/4
2	0.37	2	129.16	2	380.45	2	631.70	2	883.85	2	1136.75	2	1389.68	2	1642.63	2
1/4	0.42	1/4	134.40	1/4	385.68	1/4	636.92	1/4	889.11	1/4	1142.02	1/4	1394.95	1/4	1647.90	1/4
1/2	0.47	1/2	139.63	1/2	390.92	1/2	642.15	1/2	894.37	1/2	1147.29	1/2	1400.22	1/2	1653.17	1/2
3/4	0.51	3/4	144.87	3/4	396.16	3/4	647.38	3/4	899.62	3/4	1152.56	3/4	1405.49	3/4	1658.44	3/4
3	0.56	3	150.10	3	401.39	3	652.60	3	904.89	3	1157.83	3	1410.76	3	1663.70	3
1/4	0.61	1/4	155.34	1/4	406.63	1/4	657.83	1/4	910.16	1/4	1163.10	1/4	1416.03	1/4	1668.97	1/4
1/2	0.65	1/2	160.57	1/2	411.86	1/2	663.05	1/2	915.43	1/2	1168.37	1/2	1421.30	1/2	1674.24	1/2
3/4	0.70	3/4	165.81	3/4	417.10	3/4	668.28	3/4	920.70	3/4	1173.64	3/4	1426.57	3/4	1679.51	3/4
4	0.75	4	171.04	4	422.33	4	673.55	4	925.97	4	1178.91	4	1431.84	4	1684.78	4
1/4	0.79	1/4	176.28	1/4	427.57	1/4	678.82	1/4	931.24	1/4	1184.18	1/4	1437.11	1/4	1690.05	1/4
1/2	0.84	1/2	181.51	1/2	432.80	1/2	684.09	1/2	936.51	1/2	1189.45	1/2	1442.38	1/2	1695.32	1/2
3/4	0.89	3/4	186.75	3/4	438.04	3/4	689.36	3/4	941.78	3/4	1194.72	3/4	1447.65	3/4	1700.59	3/4
5	0.93	5	191.98	5	443.27	5	694.63	5	947.05	5	1199.99	5	1452.91	5	1705.86	5
1/4	0.98	1/4	197.22	1/4	448.51	1/4	699.88	1/4	952.32	1/4	1205.25	1/4	1458.18	1/4	1711.13	1/4
1/2	1.03	1/2	202.45	1/2	453.74	1/2	705.14	1/2	957.59	1/2	1210.52	1/2	1463.45	1/2	1716.40	1/2
3/4	1.07	3/4	207.69	3/4	458.98	3/4	710.40	3/4	962.86	3/4	1215.79	3/4	1468.72	3/4	1721.67	3/4
6	1.12	6	212.92	6	464.21	6	715.65	6	968.13	6	1221.06	6	1473.99	6	1726.94	6
1/4	1.43	1/4	218.16	1/4	469.45	1/4	720.91	1/4	973.40	1/4	1226.33	1/4	1479.26	1/4	1732.21	1/4
1/2	2.07	1/2	223.39	1/2	474.68	1/2	726.17	1/2	978.67	1/2	1231.60	1/2	1484.53	1/2	1737.48	1/2
3/4	3.03	3/4	228.63	3/4	479.92	3/4	731.42	3/4	983.94	3/4	1236.87	3/4	1489.80	3/4	1742.75	3/4
7	4.31	7	233.86	7	485.15	7	736.68	7	989.21	7	1242.14	7	1495.07	7	1748.02	7
1/4	5.92	1/4	239.10	1/4	490.39	1/4	741.94	1/4	994.47	1/4	1247.41	1/4	1500.34	1/4	1753.29	1/4
1/2	7.86	1/2	244.33	1/2	495.62	1/2	747.19	1/2	999.74	1/2	1252.68	1/2	1505.61	1/2	1758.56	1/2
3/4	10.13	3/4	249.57	3/4	500.86	3/4	752.45	3/4	1005.01	3/4	1257.95	3/4	1510.88	3/4	1763.83	3/4
8	12.73	8	254.80	8	506.09	8	757.70	8	1010.28	8	1263.22	8	1516.15	8	1769.10	8
1/4	15.66	1/4	260.04	1/4	511.33	1/4	762.96	1/4	1015.55	1/4	1268.49	1/4	1521.42	1/4	1774.37	1/4
1/2	18.92	1/2	265.28	1/2	516.56	1/2	768.22	1/2	1020.82	1/2	1273.76	1/2	1526.69	1/2	1779.64	1/2
3/4	22.51	3/4	270.51	3/4	521.80	3/4	773.47	3/4	1026.09	3/4	1279.03	3/4	1531.96	3/4	1784.91	3/4
9	26.43	9	275.75	9	527.04	9	778.73	9	1031.36	9	1284.30	9	1537.23	9	1790.18	9
1/4	30.68	1/4	280.98	1/4	532.27	1/4	783.99	1/4	1036.63	1/4	1289.57	1/4	1542.50	1/4	1795.45	1/4
1/2	35.25	1/2	286.22	1/2	537.51	1/2	789.24	1/2	1041.90	1/2	1294.84	1/2	1547.77	1/2	1800.72	1/2
3/4	40.16	3/4	291.45	3/4	542.74	3/4	794.50	3/4	1047.17	3/4	1300.10	3/4	1553.04	3/4	1805.99	3/4
10	45.39	10	296.69	10	547.98	10	799.75	10	1052.44	10	1305.37	10	1558.31	10	1811.26	10
1/4	50.63	1/4	301.92	1/4	553.21	1/4	805.01	1/4	1057.71	1/4	1310.64	1/4	1563.58	1/4	1816.53	1/4
1/2	55.87	1/2	307.16	1/2	558.45	1/2	810.27	1/2	1062.98	1/2	1315.91	1/2	1568.85	1/2	1821.80	1/2
3/4	61.10	3/4	312.39	3/4	563.68	3/4	815.52	3/4	1068.25	3/4	1321.18	3/4	1574.12	3/4	1827.07	3/4
11	66.34	11	317.63	11	568.92	11	820.78	11	1073.52	11	1326.45	11	1579.39	11	1832.34	11
1/4	71.57	1/4	322.86	1/4	574.16	1/4	826.03	1/4	1078.79	1/4	1331.72	1/4	1584.66	1/4	1837.61	1/4
1/2	76.81	1/2	328.10	1/2	579.39	1/2	831.29	1/2	1084.06	1/2	1336.99	1/2	1589.93	1/2	1842.88	1/2
3/4	82.04	3/4	333.33	3/4	584.62	3/4	836.55	3/4	1089.33	3/4	1342.26	3/4	1595.20	3/4	1848.15	3/4

NOTE: GAUGE POINT: TO TOP UP OF 10" GAUGE HATCH ON EXPANSION TRUNK
 NOTE: GAUGE POINT LOCATED AT END OF TANK - APPLY TRIM CORRECTION WHEN NOT ON EVEN KEEL
 REFERENCE GAUGE HEIGHT PORT: 17' 1 3/4"
 REFERENCE GAUGE HEIGHT STARBOARD: 17' 2"

Calibrated: 11-25-2008
 Calculation: WHF 12/16/2008
 Re-issued: August 6, 2009
 SHIP GAUGING

Intertek
Caleb Brett

BARGE GRIFCO 3807

TANK: 2 P/S

CAPACITIES IN U.S. BARRELS

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

HULL No. 05-2538

IN	8 FT		9 FT		10 FT		11 FT		12 FT		13 FT		14 FT		15 FT		
	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	
0	1853.42	0	2108.37	0	2359.07	0	2611.51	0	2863.97	0	3116.43	0	3368.89	0	3621.28	0	
1/4	1858.69	1/4	2114.64	1/4	2364.33	1/4	2616.77	1/4	2869.23	1/4	3121.69	1/4	3374.15	1/4	3626.52	1/4	3626.52
1/2	1863.96	1/2	2116.91	1/2	2366.59	1/2	2622.03	1/2	2874.49	1/2	3126.95	1/2	3379.41	1/2	3630.55	1/2	3630.55
3/4	1869.23	3/4	2122.18	3/4	2374.84	3/4	2627.29	3/4	2881.75	3/4	3132.21	3/4	3384.67	3/4	3634.54	3/4	3634.54
1	1874.50	1	2127.45	1	2382.10	1	2632.55	1	2889.01	1	3137.47	1	3389.93	1	3638.33	1	3638.33
1/4	1879.77	1/4	2132.72	1/4	2388.36	1/4	2637.81	1/4	2890.27	1/4	3142.73	1/4	3395.19	1/4	3641.92	1/4	3641.92
1/2	1885.04	1/2	2137.99	1/2	2390.62	1/2	2643.07	1/2	2895.53	1/2	3147.99	1/2	3400.45	1/2	3644.49	1/2	3644.49
3/4	1890.31	3/4	2143.26	3/4	2396.88	3/4	2648.33	3/4	2900.79	3/4	3153.25	3/4	3405.71	3/4	3644.85	3/4	3644.85
2	1895.58	2	2148.53	2	2401.14	2	2653.59	2	2906.05	2	3158.51	2	3410.97	2	3648.06	2	3648.06
1/4	1900.85	1/4	2153.80	1/4	2406.40	1/4	2658.85	1/4	2911.31	1/4	3163.77	1/4	3416.23	1/4	3651.03	1/4	3651.03
1/2	1906.12	1/2	2159.07	1/2	2411.66	1/2	2664.11	1/2	2916.57	1/2	3169.03	1/2	3421.49	1/2	3654.04	1/2	3654.04
3/4	1911.39	3/4	2164.34	3/4	2416.92	3/4	2669.37	3/4	2921.83	3/4	3174.29	3/4	3426.75	3/4	3656.81	3/4	3656.81
3	1916.66	3	2169.61	3	2422.18	3	2674.63	3	2927.09	3	3179.55	3	3432.01	3	3659.44	3	3659.44
1/4	1921.93	1/4	2174.88	1/4	2427.44	1/4	2679.89	1/4	2932.35	1/4	3184.81	1/4	3437.27	1/4	3661.92	1/4	3661.92
1/2	1927.19	1/2	2180.15	1/2	2432.70	1/2	2685.15	1/2	2937.61	1/2	3190.07	1/2	3442.53	1/2	3664.25	1/2	3664.25
3/4	1932.46	3/4	2185.42	3/4	2437.96	3/4	2690.41	3/4	2942.87	3/4	3195.33	3/4	3447.79	3/4	3666.43	3/4	3666.43
4	1937.73	4	2190.68	4	2443.22	4	2695.67	4	2948.13	4	3200.59	4	3453.05	4	3668.47	4	3668.47
1/4	1943.00	1/4	2195.95	1/4	2448.47	1/4	2700.93	1/4	2953.39	1/4	3205.85	1/4	3458.31	1/4	3670.36	1/4	3670.36
1/2	1948.27	1/2	2201.22	1/2	2453.73	1/2	2706.18	1/2	2958.65	1/2	3211.11	1/2	3463.57	1/2	3672.11	1/2	3672.11
3/4	1953.54	3/4	2206.49	3/4	2458.99	3/4	2711.44	3/4	2963.91	3/4	3216.37	3/4	3468.83	3/4	3673.71	3/4	3673.71
5	1958.81	5	2211.76	5	2464.25	5	2716.70	5	2969.16	5	3221.63	5	3474.09	5	3675.16	5	3675.16
1/4	1964.08	1/4	2217.03	1/4	2469.51	1/4	2721.96	1/4	2974.42	1/4	3226.89	1/4	3479.35	1/4	3676.47	1/4	3676.47
1/2	1969.35	1/2	2222.30	1/2	2474.77	1/2	2727.22	1/2	2979.68	1/2	3232.14	1/2	3484.61	1/2	3677.63	1/2	3677.63
3/4	1974.62	3/4	2227.57	3/4	2480.03	3/4	2732.48	3/4	2984.94	3/4	3237.40	3/4	3489.87	3/4	3678.65	3/4	3678.65
6	1979.89	6	2232.84	6	2485.29	6	2737.74	6	2990.20	6	3242.66	6	3495.12	6	3679.51	6	3679.51
1/4	1985.16	1/4	2238.10	1/4	2490.55	1/4	2743.00	1/4	2995.46	1/4	3247.92	1/4	3500.38	1/4	3680.23	1/4	3680.23
1/2	1990.43	1/2	2243.36	1/2	2495.81	1/2	2748.26	1/2	3000.72	1/2	3253.18	1/2	3505.64	1/2	3680.81	1/2	3680.81
3/4	1995.70	3/4	2248.62	3/4	2501.07	3/4	2753.52	3/4	3005.98	3/4	3258.44	3/4	3510.90	3/4	3681.24	3/4	3681.24
7	2000.97	7	2253.88	7	2506.33	7	2758.78	7	3011.24	7	3263.70	7	3516.16	7	3681.52	7	3681.52
1/4	2006.24	1/4	2259.14	1/4	2511.59	1/4	2764.04	1/4	3016.50	1/4	3268.96	1/4	3521.42	1/4	3681.66	1/4	3681.66
1/2	2011.51	1/2	2264.40	1/2	2516.85	1/2	2769.30	1/2	3021.76	1/2	3274.22	1/2	3526.68	1/2	3681.72	1/2	3681.72
3/4	2016.78	3/4	2269.66	3/4	2522.10	3/4	2774.56	3/4	3027.02	3/4	3279.48	3/4	3531.94	3/4	3681.72	3/4	3681.72
8	2022.05	8	2274.92	8	2527.36	8	2779.82	8	3032.28	8	3284.74	8	3537.20	8	3681.72	8	3681.72
1/4	2027.32	1/4	2280.18	1/4	2532.62	1/4	2785.08	1/4	3037.54	1/4	3290.00	1/4	3542.46	1/4	3681.72	1/4	3681.72
1/2	2032.59	1/2	2285.44	1/2	2537.88	1/2	2790.34	1/2	3042.80	1/2	3295.26	1/2	3547.72	1/2	3681.72	1/2	3681.72
3/4	2037.86	3/4	2290.70	3/4	2543.14	3/4	2795.60	3/4	3048.06	3/4	3300.52	3/4	3552.98	3/4	3681.72	3/4	3681.72
9	2043.13	9	2295.95	9	2548.40	9	2800.86	9	3053.32	9	3305.78	9	3558.24	9	3681.72	9	3681.72
1/4	2048.40	1/4	2301.21	1/4	2553.66	1/4	2806.12	1/4	3058.58	1/4	3311.04	1/4	3563.50	1/4	3681.72	1/4	3681.72
1/2	2053.67	1/2	2306.47	1/2	2558.92	1/2	2811.38	1/2	3063.84	1/2	3316.30	1/2	3568.76	1/2	3681.72	1/2	3681.72
3/4	2058.94	3/4	2311.73	3/4	2564.18	3/4	2816.64	3/4	3069.10	3/4	3321.56	3/4	3574.02	3/4	3681.72	3/4	3681.72
10	2064.21	10	2316.99	10	2569.44	10	2821.90	10	3074.36	10	3326.82	10	3579.28	10	3681.72	10	3681.72
1/4	2069.48	1/4	2322.25	1/4	2574.70	1/4	2827.16	1/4	3079.62	1/4	3332.08	1/4	3584.54	1/4	3681.72	1/4	3681.72
1/2	2074.75	1/2	2327.51	1/2	2579.96	1/2	2832.42	1/2	3084.88	1/2	3337.34	1/2	3589.80	1/2	3681.72	1/2	3681.72
3/4	2080.02	3/4	2332.77	3/4	2585.22	3/4	2837.67	3/4	3090.14	3/4	3342.60	3/4	3595.06	3/4	3681.72	3/4	3681.72
11	2085.29	11	2338.03	11	2590.48	11	2842.93	11	3095.40	11	3347.86	11	3599.88	11	3681.72	11	3681.72
1/4	2090.56	1/4	2343.29	1/4	2595.74	1/4	2848.19	1/4	3100.65	1/4	3353.12	1/4	3604.70	1/4	3681.72	1/4	3681.72
1/2	2095.83	1/2	2348.55	1/2	2600.99	1/2	2853.45	1/2	3105.91	1/2	3358.38	1/2	3609.37	1/2	3681.72	1/2	3681.72
3/4	2101.10	3/4	2353.81	3/4	2606.25	3/4	2858.71	3/4	3111.17	3/4	3363.63	3/4	3613.90	3/4	3681.72	3/4	3681.72

NOTE: GAUGE POINT: TO TOP OF 10" GAUGE HATCH, ON EXPANSION TRUNK.
 NOTE: GAUGE POINT LOCATED AT END OF TANK - APPLY TRIM CORRECTION WHEN NOT ON EVEN KEEL.
 REFERENCE GAUGE HEIGHT PORT 11" 1 9/16"
 REFERENCE GAUGE HEIGHT STARBOARD 17" 2"

Calibrated: _____
 Calculation: _____
 Re-issued: _____

11-25-2008
 JF
 WHF 12/16/2009
 August 6 2009
 FOR SUMP GAUGING

Intertek
Caleb Brett

BARGE GRIFCO 3807

TANK: 3 P/S

CAPACITIES IN U.S. BARRELS

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

HULL No. 05-2538

IN	0 FT		1 FT		2 FT		3 FT		4 FT		5 FT		6 FT		7 FT	
	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0.00	0	87.32	0	338.75	0	590.17	0	842.25	0	1095.18	0	1348.25	0	1601.32	0
1/4	0.05	1/4	92.56	1/4	343.99	1/4	595.41	1/4	847.51	1/4	1100.45	1/4	1353.52	1/4	1606.59	1/4
1/2	0.09	1/2	97.80	1/2	349.22	1/2	600.65	1/2	852.72	1/2	1105.72	1/2	1358.79	1/2	1611.87	1/2
3/4	0.14	3/4	103.04	3/4	354.46	3/4	605.89	3/4	858.03	3/4	1111.00	3/4	1364.06	3/4	1617.14	3/4
1	0.19	1	108.28	1	359.70	1	611.12	1	863.29	1	1116.27	1	1369.33	1	1622.41	1
1/4	0.23	1/4	113.51	1/4	364.94	1/4	616.35	1/4	868.55	1/4	1121.54	1/4	1374.61	1/4	1627.68	1/4
1/2	0.28	1/2	118.75	1/2	370.18	1/2	621.58	1/2	873.81	1/2	1126.81	1/2	1379.88	1/2	1632.96	1/2
3/4	0.33	3/4	123.99	3/4	375.41	3/4	626.81	3/4	879.07	3/4	1132.09	3/4	1385.15	3/4	1638.23	3/4
2	0.37	2	129.23	2	380.65	2	632.04	2	884.33	2	1137.36	2	1390.42	2	1643.50	2
1/4	0.42	1/4	134.47	1/4	385.89	1/4	637.27	1/4	889.58	1/4	1142.63	1/4	1395.70	1/4	1648.77	1/4
1/2	0.47	1/2	139.71	1/2	391.13	1/2	642.49	1/2	894.84	1/2	1147.90	1/2	1400.97	1/2	1654.05	1/2
3/4	0.51	3/4	144.94	3/4	396.37	3/4	647.72	3/4	900.10	3/4	1153.17	3/4	1406.24	3/4	1659.32	3/4
3	0.56	3	150.18	3	401.60	3	652.95	3	905.38	3	1158.45	3	1411.51	3	1664.59	3
1/4	0.61	1/4	155.42	1/4	406.84	1/4	658.18	1/4	910.65	1/4	1163.72	1/4	1416.78	1/4	1669.86	1/4
1/2	0.65	1/2	160.66	1/2	412.08	1/2	663.41	1/2	915.92	1/2	1168.99	1/2	1422.06	1/2	1675.14	1/2
3/4	0.70	3/4	165.90	3/4	417.32	3/4	668.63	3/4	921.19	3/4	1174.26	3/4	1427.33	3/4	1680.41	3/4
4	0.75	4	171.13	4	422.56	4	673.91	4	926.47	4	1179.54	4	1432.60	4	1685.68	4
1/4	0.79	1/4	176.37	1/4	427.79	1/4	679.18	1/4	931.74	1/4	1184.81	1/4	1437.87	1/4	1690.95	1/4
1/2	0.84	1/2	181.61	1/2	433.03	1/2	684.45	1/2	937.01	1/2	1190.08	1/2	1443.14	1/2	1696.23	1/2
3/4	0.89	3/4	186.85	3/4	438.27	3/4	689.73	3/4	942.28	3/4	1195.35	3/4	1448.42	3/4	1701.50	3/4
5	0.93	5	192.08	5	443.51	5	695.00	5	947.55	5	1200.63	5	1453.69	5	1706.77	5
1/4	0.98	1/4	197.32	1/4	448.75	1/4	700.26	1/4	952.83	1/4	1205.90	1/4	1458.96	1/4	1712.04	1/4
1/2	1.03	1/2	202.56	1/2	453.98	1/2	705.52	1/2	958.10	1/2	1211.17	1/2	1464.23	1/2	1717.32	1/2
3/4	1.07	3/4	207.80	3/4	459.22	3/4	710.78	3/4	963.37	3/4	1216.44	3/4	1469.50	3/4	1722.59	3/4
6	1.12	6	213.03	6	464.46	6	716.04	6	968.64	6	1221.71	6	1474.78	6	1727.86	6
1/4	1.43	1/4	218.27	1/4	469.70	1/4	721.30	1/4	973.92	1/4	1226.99	1/4	1480.05	1/4	1733.13	1/4
1/2	2.07	1/2	223.51	1/2	474.94	1/2	726.55	1/2	979.19	1/2	1232.26	1/2	1485.32	1/2	1738.41	1/2
3/4	3.03	3/4	228.75	3/4	480.17	3/4	731.81	3/4	984.46	3/4	1237.53	3/4	1490.60	3/4	1743.68	3/4
7	4.31	7	233.99	7	485.41	7	737.07	7	989.73	7	1242.80	7	1495.87	7	1748.95	7
1/4	5.92	1/4	239.23	1/4	490.65	1/4	742.33	1/4	995.01	1/4	1248.08	1/4	1501.14	1/4	1754.23	1/4
1/2	7.87	1/2	244.46	1/2	495.89	1/2	747.59	1/2	1000.28	1/2	1253.35	1/2	1506.41	1/2	1759.50	1/2
3/4	10.14	3/4	249.70	3/4	501.13	3/4	752.85	3/4	1005.55	3/4	1258.62	3/4	1511.69	3/4	1764.77	3/4
8	12.74	8	254.94	8	506.36	8	758.11	8	1010.82	8	1263.89	8	1516.96	8	1770.04	8
1/4	15.67	1/4	260.18	1/4	511.60	1/4	763.37	1/4	1016.09	1/4	1269.17	1/4	1522.23	1/4	1775.32	1/4
1/2	18.93	1/2	265.42	1/2	516.84	1/2	768.63	1/2	1021.37	1/2	1274.44	1/2	1527.50	1/2	1780.59	1/2
3/4	22.52	3/4	270.65	3/4	522.08	3/4	773.89	3/4	1026.64	3/4	1279.71	3/4	1532.78	3/4	1785.86	3/4
9	26.44	9	275.89	9	527.32	9	779.14	9	1031.91	9	1284.98	9	1538.05	9	1791.13	9
1/4	30.69	1/4	281.13	1/4	532.55	1/4	784.40	1/4	1037.18	1/4	1290.25	1/4	1543.32	1/4	1796.41	1/4
1/2	35.27	1/2	286.37	1/2	537.79	1/2	789.66	1/2	1042.46	1/2	1295.53	1/2	1548.59	1/2	1801.68	1/2
3/4	40.18	3/4	291.61	3/4	543.03	3/4	794.92	3/4	1047.73	3/4	1300.80	3/4	1553.87	3/4	1806.95	3/4
10	45.42	10	296.84	10	548.27	10	800.18	10	1053.00	10	1306.07	10	1559.14	10	1812.22	10
1/4	50.66	1/4	302.08	1/4	553.51	1/4	805.44	1/4	1058.27	1/4	1311.34	1/4	1564.41	1/4	1817.50	1/4
1/2	55.89	1/2	307.32	1/2	558.74	1/2	810.70	1/2	1063.55	1/2	1316.61	1/2	1569.68	1/2	1822.77	1/2
3/4	61.13	3/4	312.56	3/4	563.98	3/4	815.96	3/4	1068.82	3/4	1321.89	3/4	1574.96	3/4	1828.04	3/4
11	66.37	11	317.80	11	569.22	11	821.22	11	1074.09	11	1327.16	11	1580.23	11	1833.31	11
1/4	71.61	1/4	323.03	1/4	574.46	1/4	826.48	1/4	1079.36	1/4	1332.43	1/4	1585.50	1/4	1838.59	1/4
1/2	76.85	1/2	328.27	1/2	579.70	1/2	831.73	1/2	1084.63	1/2	1337.70	1/2	1590.77	1/2	1843.86	1/2
3/4	82.09	3/4	333.51	3/4	584.93	3/4	836.99	3/4	1089.91	3/4	1342.97	3/4	1596.05	3/4	1849.13	3/4

NOTE: GAUGE POINT: TO TOP 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: 1' 1/2"
 REFERENCE GAUGE HEIGHT STARBOARD: 1' 1/4"

Calculated: JF 11-25-2008
 Calculation: WHF 12/16/2008
 Re-issued: August 6, 2009
 SUIP GAUGING

BARGE GRIFCO 3807

TANK: 3 P/S

CAPACITIES IN U.S. BARRELS

FOR MANUAL GAUGING AT 10" GAUGE HATCH LOCATED ON 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	1854.40	0	2107.49	0	2360.32	0	2612.90	0	2865.50	0	3118.09	0	3370.69	0	3620.21
1/4	1859.68	1/4	2112.76	1/4	2365.58	1/4	2618.17	1/4	2870.76	1/4	3123.35	1/4	3375.95	1/4	3624.44
1/2	1864.95	1/2	2118.03	1/2	2370.85	1/2	2623.43	1/2	2876.02	1/2	3128.62	1/2	3381.21	1/2	3628.54
3/4	1870.22	3/4	2123.31	3/4	2376.11	3/4	2628.69	3/4	2881.28	3/4	3133.88	3/4	3386.47	3/4	3632.48
1	1875.50	1	2128.58	1	2381.37	1	2633.95	1	2886.55	1	3139.14	1	3391.74	1	3636.28
1/4	1880.77	1/4	2133.85	1/4	2386.63	1/4	2639.21	1/4	2891.81	1/4	3144.40	1/4	3397.00	1/4	3639.93
1/2	1886.04	1/2	2139.13	1/2	2391.89	1/2	2644.48	1/2	2897.07	1/2	3149.67	1/2	3402.26	1/2	3643.43
3/4	1891.31	3/4	2144.40	3/4	2397.16	3/4	2649.74	3/4	2902.33	3/4	3154.93	3/4	3407.52	3/4	3646.79
2	1896.59	2	2149.67	2	2402.42	2	2655.00	2	2907.60	2	3160.19	2	3412.79	2	3650.07
1/4	1901.86	1/4	2154.94	1/4	2407.68	1/4	2660.26	1/4	2912.86	1/4	3165.45	1/4	3418.05	1/4	3653.07
1/2	1907.13	1/2	2160.22	1/2	2412.94	1/2	2665.53	1/2	2918.12	1/2	3170.72	1/2	3423.31	1/2	3655.99
3/4	1912.40	3/4	2165.49	3/4	2418.21	3/4	2670.79	3/4	2923.38	3/4	3175.98	3/4	3428.57	3/4	3658.76
3	1917.68	3	2170.76	3	2423.47	3	2676.05	3	2928.65	3	3181.24	3	3433.84	3	3661.39
1/4	1922.95	1/4	2176.03	1/4	2428.73	1/4	2681.31	1/4	2933.91	1/4	3186.50	1/4	3439.10	1/4	3663.86
1/2	1928.22	1/2	2181.31	1/2	2433.99	1/2	2686.58	1/2	2939.17	1/2	3191.77	1/2	3444.36	1/2	3666.20
3/4	1933.49	3/4	2186.58	3/4	2439.25	3/4	2691.84	3/4	2944.43	3/4	3197.03	3/4	3449.62	3/4	3668.38
4	1938.77	4	2191.85	4	2444.52	4	2697.10	4	2949.70	4	3202.29	4	3454.89	4	3670.42
1/4	1944.04	1/4	2197.12	1/4	2449.78	1/4	2702.36	1/4	2954.96	1/4	3207.55	1/4	3460.15	1/4	3672.32
1/2	1949.31	1/2	2202.40	1/2	2455.04	1/2	2707.63	1/2	2960.22	1/2	3212.82	1/2	3465.41	1/2	3674.07
3/4	1954.58	3/4	2207.67	3/4	2460.30	3/4	2712.89	3/4	2965.48	3/4	3218.08	3/4	3470.67	3/4	3675.67
5	1959.86	5	2212.94	5	2465.56	5	2718.15	5	2970.75	5	3223.34	5	3475.94	5	3677.12
1/4	1965.13	1/4	2218.21	1/4	2470.83	1/4	2723.41	1/4	2976.01	1/4	3228.60	1/4	3481.20	1/4	3678.43
1/2	1970.40	1/2	2223.49	1/2	2476.09	1/2	2728.67	1/2	2981.27	1/2	3233.87	1/2	3486.46	1/2	3679.59
3/4	1975.67	3/4	2228.76	3/4	2481.35	3/4	2733.94	3/4	2986.53	3/4	3239.13	3/4	3491.72	3/4	3680.60
6	1980.95	6	2234.03	6	2486.61	6	2739.20	6	2991.79	6	3244.39	6	3496.99	6	3681.47
1/4	1986.22	1/4	2239.29	1/4	2491.87	1/4	2744.46	1/4	2997.06	1/4	3249.65	1/4	3502.25	1/4	3682.19
1/2	1991.49	1/2	2244.56	1/2	2497.14	1/2	2749.72	1/2	3002.32	1/2	3254.91	1/2	3507.51	1/2	3682.77
3/4	1996.76	3/4	2249.82	3/4	2502.40	3/4	2754.99	3/4	3007.58	3/4	3260.18	3/4	3512.77	3/4	3683.20
7	2002.04	7	2255.08	7	2507.66	7	2760.25	7	3012.84	7	3265.44	7	3518.03	7	3683.48
1/4	2007.31	1/4	2260.34	1/4	2512.92	1/4	2765.51	1/4	3018.11	1/4	3270.70	1/4	3523.30	1/4	3683.62
1/2	2012.58	1/2	2265.60	1/2	2518.19	1/2	2770.77	1/2	3023.37	1/2	3275.96	1/2	3528.56	1/2	3683.68
3/4	2017.86	3/4	2270.87	3/4	2523.45	3/4	2776.04	3/4	3028.63	3/4	3281.23	3/4	3533.82	3/4	3683.20
8	2023.13	8	2276.13	8	2528.71	8	2781.30	8	3033.89	8	3286.49	8	3539.08	8	3683.48
1/4	2028.40	1/4	2281.39	1/4	2533.97	1/4	2786.56	1/4	3039.16	1/4	3291.75	1/4	3544.35	1/4	3682.19
1/2	2033.67	1/2	2286.65	1/2	2539.23	1/2	2791.82	1/2	3044.42	1/2	3297.01	1/2	3549.61	1/2	3679.59
3/4	2038.95	3/4	2291.91	3/4	2544.49	3/4	2797.09	3/4	3049.68	3/4	3302.28	3/4	3554.87	3/4	3680.60
9	2044.22	9	2297.18	9	2549.76	9	2802.35	9	3054.94	9	3307.54	9	3560.13	9	3681.47
1/4	2049.49	1/4	2302.44	1/4	2555.02	1/4	2807.61	1/4	3060.21	1/4	3312.80	1/4	3565.40	1/4	3682.19
1/2	2054.76	1/2	2307.70	1/2	2560.28	1/2	2812.87	1/2	3065.47	1/2	3318.06	1/2	3570.66	1/2	3682.77
3/4	2060.04	3/4	2312.96	3/4	2565.54	3/4	2818.14	3/4	3070.73	3/4	3323.33	3/4	3575.92	3/4	3683.20
10	2065.31	10	2318.23	10	2570.81	10	2823.40	10	3075.99	10	3328.59	10	3581.18	10	3683.48
1/4	2070.58	1/4	2323.49	1/4	2576.07	1/4	2828.66	1/4	3081.26	1/4	3333.85	1/4	3586.45	1/4	3682.19
1/2	2075.85	1/2	2328.75	1/2	2581.33	1/2	2833.92	1/2	3086.52	1/2	3339.11	1/2	3591.71	1/2	3682.77
3/4	2081.13	3/4	2334.01	3/4	2586.59	3/4	2839.19	3/4	3091.78	3/4	3344.38	3/4	3596.98	3/4	3683.20
11	2086.40	11	2339.27	11	2591.85	11	2844.45	11	3097.04	11	3349.64	11	3602.24	11	3683.48
1/4	2091.67	1/4	2344.54	1/4	2597.12	1/4	2849.71	1/4	3102.31	1/4	3354.90	1/4	3607.50	1/4	3682.19
1/2	2096.94	1/2	2349.80	1/2	2602.38	1/2	2854.97	1/2	3107.57	1/2	3360.16	1/2	3612.76	1/2	3682.77
3/4	2102.22	3/4	2355.06	3/4	2607.64	3/4	2860.23	3/4	3112.83	3/4	3365.43	3/4	3618.02	3/4	3683.20

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: 11" 1/2
 REFERENCE GAUGE HEIGHT: STARBOARD: 11" 1/4"

Calibrated: 11-25-2008
 Calculation: WHF 12/16/2009
 August 6, 2009
 Re-issued: FOR SUMP GAUGING

Trim Correction
 +12" 1 1/8
 +6" 5/8
 EVEN 0
 -6" -5/8
 -12" -1 1/8
 -18" -1 3/4
 -24" -2 1/4
 -30" -3 1/2
 -36" -4
 -42" -4 5/8
 -48" -5 1/8
 -54" -5 3/4
 -60" -6 1/4
 -66" -6 7/8

Intertek
Caleb Brett

BARGE GRIFCO 3807

TANK: 4 P/S

CAPACITIES IN U.S. BARRELS

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

HULL No. 05-2538

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	87.26	0	338.50	0	589.74	0	841.64	0	1094.39	0	1347.27	0	1600.16
1/4	0.05	1/4	92.49	1/4	343.74	1/4	594.98	1/4	846.90	1/4	1099.65	1/4	1352.54	1/4	1605.43
1/2	0.09	1/2	97.73	1/2	348.97	1/2	600.21	1/2	852.15	1/2	1104.92	1/2	1357.81	1/2	1610.70
3/4	0.14	3/4	102.96	3/4	354.21	3/4	605.45	3/4	857.41	3/4	1110.19	3/4	1363.08	3/4	1615.97
1	0.19	1	108.20	1	359.44	1	610.68	1	862.66	1	1115.46	1	1368.34	1	1621.24
1/4	0.23	1/4	113.43	1/4	364.67	1/4	615.91	1/4	867.92	1/4	1120.73	1/4	1373.61	1/4	1626.51
1/2	0.28	1/2	118.67	1/2	369.91	1/2	621.13	1/2	873.17	1/2	1126.00	1/2	1378.88	1/2	1631.77
3/4	0.33	3/4	123.90	3/4	375.14	3/4	626.35	3/4	878.43	3/4	1131.27	3/4	1384.15	3/4	1637.04
2	0.37	2	129.14	2	380.38	2	631.58	2	883.68	2	1136.53	2	1389.42	2	1642.31
1/4	0.42	1/4	134.37	1/4	385.61	1/4	636.80	1/4	888.94	1/4	1141.80	1/4	1394.69	1/4	1647.58
1/2	0.47	1/2	139.60	1/2	390.84	1/2	642.03	1/2	894.20	1/2	1147.07	1/2	1399.95	1/2	1652.85
3/4	0.51	3/4	144.84	3/4	396.08	3/4	647.25	3/4	899.45	3/4	1152.34	3/4	1405.22	3/4	1658.12
3	0.56	3	150.07	3	401.31	3	652.48	3	904.72	3	1157.61	3	1410.49	3	1663.39
1/4	0.61	1/4	155.31	1/4	406.55	1/4	657.70	1/4	909.99	1/4	1162.88	1/4	1415.76	1/4	1668.66
1/2	0.65	1/2	160.54	1/2	411.78	1/2	662.92	1/2	915.26	1/2	1168.15	1/2	1421.03	1/2	1673.93
3/4	0.70	3/4	165.78	3/4	417.02	3/4	668.15	3/4	920.53	3/4	1173.41	3/4	1426.30	3/4	1679.19
4	0.75	4	171.01	4	422.25	4	673.42	4	925.79	4	1178.68	4	1431.56	4	1684.46
1/4	0.79	1/4	176.24	1/4	427.48	1/4	678.69	1/4	931.06	1/4	1183.95	1/4	1436.83	1/4	1689.73
1/2	0.84	1/2	181.48	1/2	432.72	1/2	683.96	1/2	936.33	1/2	1189.22	1/2	1442.10	1/2	1695.00
3/4	0.89	3/4	186.71	3/4	437.95	3/4	689.23	3/4	941.60	3/4	1194.49	3/4	1447.37	3/4	1700.27
5	0.93	5	191.95	5	443.19	5	694.49	5	946.87	5	1199.76	5	1452.64	5	1705.54
1/4	0.98	1/4	197.18	1/4	448.42	1/4	699.75	1/4	952.14	1/4	1205.02	1/4	1457.91	1/4	1710.81
1/2	1.03	1/2	202.41	1/2	453.66	1/2	705.01	1/2	957.41	1/2	1210.29	1/2	1463.17	1/2	1716.08
3/4	1.07	3/4	207.65	3/4	458.89	3/4	710.26	3/4	962.67	3/4	1215.56	3/4	1468.44	3/4	1721.34
6	1.12	6	212.88	6	464.12	6	715.52	6	967.94	6	1220.83	6	1473.71	6	1726.61
1/4	1.43	1/4	218.11	1/4	469.36	1/4	720.77	1/4	973.21	1/4	1226.10	1/4	1478.98	1/4	1731.88
1/2	2.07	1/2	223.35	1/2	474.60	1/2	726.03	1/2	978.48	1/2	1231.37	1/2	1484.25	1/2	1737.15
3/4	3.03	3/4	228.58	3/4	479.83	3/4	731.28	3/4	983.75	3/4	1236.64	3/4	1489.52	3/4	1742.42
7	4.31	7	233.82	7	485.06	7	736.54	7	989.02	7	1241.90	7	1494.79	7	1747.69
1/4	5.92	1/4	239.05	1/4	490.29	1/4	741.79	1/4	994.28	1/4	1247.17	1/4	1500.05	1/4	1752.96
1/2	7.86	1/2	244.29	1/2	495.53	1/2	747.05	1/2	999.55	1/2	1252.44	1/2	1505.32	1/2	1758.23
3/4	10.13	3/4	249.52	3/4	500.76	3/4	752.30	3/4	1004.82	3/4	1257.71	3/4	1510.59	3/4	1763.49
8	12.73	8	254.76	8	506.00	8	757.56	8	1010.09	8	1262.98	8	1515.86	8	1768.76
1/4	15.66	1/4	259.99	1/4	511.23	1/4	762.81	1/4	1015.36	1/4	1268.25	1/4	1521.13	1/4	1774.03
1/2	18.92	1/2	265.22	1/2	516.47	1/2	768.07	1/2	1020.63	1/2	1273.52	1/2	1526.40	1/2	1779.30
3/4	22.51	3/4	270.46	3/4	521.70	3/4	773.32	3/4	1025.90	3/4	1278.78	3/4	1531.67	3/4	1784.57
9	26.42	9	275.69	9	526.93	9	778.58	9	1031.16	9	1284.05	9	1536.94	9	1789.84
1/4	30.67	1/4	280.93	1/4	532.17	1/4	783.83	1/4	1036.43	1/4	1289.32	1/4	1542.21	1/4	1795.11
1/2	35.25	1/2	286.16	1/2	537.40	1/2	789.09	1/2	1041.70	1/2	1294.59	1/2	1547.47	1/2	1800.38
3/4	40.15	3/4	291.39	3/4	542.64	3/4	794.35	3/4	1046.97	3/4	1299.86	3/4	1552.74	3/4	1805.65
10	45.39	10	296.63	10	547.87	10	799.60	10	1052.24	10	1305.12	10	1558.01	10	1810.91
1/4	50.62	1/4	301.86	1/4	553.11	1/4	804.86	1/4	1057.51	1/4	1310.39	1/4	1563.28	1/4	1816.18
1/2	55.85	1/2	307.10	1/2	558.34	1/2	810.11	1/2	1062.78	1/2	1315.66	1/2	1568.55	1/2	1821.45
3/4	61.09	3/4	312.33	3/4	563.57	3/4	815.37	3/4	1068.04	3/4	1320.93	3/4	1573.82	3/4	1826.72
11	66.32	11	317.57	11	568.81	11	820.62	11	1073.31	11	1326.20	11	1579.09	11	1831.99
1/4	71.56	1/4	322.80	1/4	574.04	1/4	825.88	1/4	1078.58	1/4	1331.47	1/4	1584.36	1/4	1837.26
1/2	76.79	1/2	328.03	1/2	579.28	1/2	831.13	1/2	1083.85	1/2	1336.73	1/2	1589.62	1/2	1842.53
3/4	82.03	3/4	333.27	3/4	584.51	3/4	836.39	3/4	1089.12	3/4	1342.00	3/4	1594.89	3/4	1847.80

NOTE: GAUGE POINT TO TOP OF 10" GAUGE HATCH ON EXPANSION TRUNK
 NOTE: GAUGE POINT LOCATED AFT END OF TANK - APPLY THERM CORRECTION WHEN NOT ON EVEN KEEL
 REFERENCE GAUGE HEIGHT PORT: 11' Z
 REFERENCE GAUGE HEIGHT STARBOARD: 11' Z

Callibrated: JF 11-25-2008
 Calculation: WHF 12/16/2009
 Re-issued: August 6, 2009
 SUMP GAUGING

BARGE GRIFCO 3807

TANK: 4 P/S

CAPACITIES IN U.S. BARRELS

FOR MANUAL GAUGING AT 10" GAUGE HATCH LOCATED ON 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	1853.06	0	2105.97	0	2358.62	0	2611.02	0	2863.43	0	3115.84	0	3368.25	0	3677.59
1/4	1858.33	1/4	2111.24	1/4	2363.88	1/4	2616.27	1/4	2868.69	1/4	3121.10	1/4	3373.51	1/4	3621.83
1/2	1863.60	1/2	2116.50	1/2	2369.13	1/2	2621.53	1/2	2873.94	1/2	3126.36	1/2	3378.77	1/2	3625.91
3/4	1868.87	3/4	2121.77	3/4	2374.39	3/4	2626.79	3/4	2879.20	3/4	3131.62	3/4	3384.03	3/4	3629.86
1	1874.14	1	2127.04	1	2379.65	1	2632.05	1	2884.46	1	3136.87	1	3389.29	1	3633.65
1/4	1879.41	1/4	2132.31	1/4	2384.91	1/4	2637.31	1/4	2889.72	1/4	3142.13	1/4	3394.55	1/4	3637.30
1/2	1884.68	1/2	2137.58	1/2	2390.17	1/2	2642.57	1/2	2894.98	1/2	3147.39	1/2	3399.80	1/2	3640.80
3/4	1889.95	3/4	2142.85	3/4	2395.43	3/4	2647.83	3/4	2900.24	3/4	3152.65	3/4	3405.06	3/4	3644.16
2	1895.21	2	2148.12	2	2400.68	2	2653.08	2	2905.50	2	3157.91	2	3410.32	2	3647.37
1/4	1900.48	1/4	2153.39	1/4	2405.94	1/4	2658.34	1/4	2910.76	1/4	3163.17	1/4	3415.58	1/4	3650.43
1/2	1905.75	1/2	2158.65	1/2	2411.20	1/2	2663.60	1/2	2916.01	1/2	3168.43	1/2	3420.84	1/2	3653.35
3/4	1911.02	3/4	2163.92	3/4	2416.46	3/4	2668.86	3/4	2921.27	3/4	3173.69	3/4	3426.10	3/4	3656.12
3	1916.29	3	2169.19	3	2421.72	3	2674.12	3	2926.53	3	3178.94	3	3431.36	3	3658.74
1/4	1921.56	1/4	2174.46	1/4	2426.98	1/4	2679.38	1/4	2931.79	1/4	3184.20	1/4	3436.62	1/4	3661.22
1/2	1926.83	1/2	2179.73	1/2	2432.23	1/2	2684.64	1/2	2937.05	1/2	3189.46	1/2	3441.87	1/2	3663.55
3/4	1932.10	3/4	2185.00	3/4	2437.49	3/4	2689.89	3/4	2942.31	3/4	3194.72	3/4	3447.13	3/4	3665.73
4	1937.37	4	2190.27	4	2442.75	4	2695.15	4	2947.57	4	3199.98	4	3452.39	4	3667.77
1/4	1942.63	1/4	2195.54	1/4	2448.01	1/4	2700.41	1/4	2952.82	1/4	3205.24	1/4	3457.65	1/4	3669.66
1/2	1947.90	1/2	2200.81	1/2	2453.27	1/2	2705.67	1/2	2958.08	1/2	3210.50	1/2	3462.91	1/2	3671.41
3/4	1953.17	3/4	2206.07	3/4	2458.53	3/4	2710.93	3/4	2963.34	3/4	3215.75	3/4	3468.17	3/4	3673.01
5	1958.44	5	2211.34	5	2463.78	5	2716.19	5	2968.60	5	3221.01	5	3473.43	5	3674.46
1/4	1963.71	1/4	2216.61	1/4	2469.04	1/4	2721.45	1/4	2973.86	1/4	3226.27	1/4	3478.68	1/4	3675.77
1/2	1968.98	1/2	2221.88	1/2	2474.30	1/2	2726.70	1/2	2979.12	1/2	3231.53	1/2	3483.94	1/2	3676.93
3/4	1974.25	3/4	2227.15	3/4	2479.56	3/4	2731.96	3/4	2984.38	3/4	3236.79	3/4	3489.20	3/4	3677.94
6	1979.52	6	2232.42	6	2484.82	6	2737.22	6	2989.63	6	3242.05	6	3494.46	6	3678.81
1/4	1984.78	1/4	2237.68	1/4	2490.07	1/4	2742.48	1/4	2994.89	1/4	3247.31	1/4	3499.72	1/4	3679.53
1/2	1990.05	1/2	2242.93	1/2	2495.33	1/2	2747.74	1/2	3000.15	1/2	3252.56	1/2	3504.98	1/2	3680.11
3/4	1995.32	3/4	2248.19	3/4	2500.59	3/4	2753.00	3/4	3005.41	3/4	3257.82	3/4	3510.24	3/4	3680.54
7	2000.59	7	2253.45	7	2505.85	7	2758.26	7	3010.67	7	3263.08	7	3515.49	7	3680.82
1/4	2005.86	1/4	2258.71	1/4	2511.11	1/4	2763.51	1/4	3015.93	1/4	3268.34	1/4	3520.75	1/4	3680.95
1/2	2011.13	1/2	2263.97	1/2	2516.37	1/2	2768.77	1/2	3021.19	1/2	3273.60	1/2	3526.01	1/2	3681.02
3/4	2016.40	3/4	2269.23	3/4	2521.62	3/4	2774.03	3/4	3026.44	3/4	3278.86	3/4	3531.27	3/4	3681.02
8	2021.67	8	2274.48	8	2526.88	8	2779.29	8	3031.70	8	3284.12	8	3536.53	8	3680.82
1/4	2026.93	1/4	2279.74	1/4	2532.14	1/4	2784.55	1/4	3036.96	1/4	3289.37	1/4	3541.79	1/4	3680.82
1/2	2032.20	1/2	2285.00	1/2	2537.40	1/2	2789.81	1/2	3042.22	1/2	3294.63	1/2	3547.05	1/2	3680.82
3/4	2037.47	3/4	2290.26	3/4	2542.66	3/4	2795.07	3/4	3047.48	3/4	3299.89	3/4	3552.30	3/4	3680.82
9	2042.74	9	2295.52	9	2547.92	9	2800.32	9	3052.74	9	3305.15	9	3557.56	9	3680.82
1/4	2048.01	1/4	2300.78	1/4	2553.17	1/4	2805.58	1/4	3058.00	1/4	3310.41	1/4	3562.82	1/4	3680.82
1/2	2053.28	1/2	2306.03	1/2	2558.43	1/2	2810.84	1/2	3063.25	1/2	3315.67	1/2	3568.08	1/2	3680.82
3/4	2058.55	3/4	2311.29	3/4	2563.69	3/4	2816.10	3/4	3068.51	3/4	3320.93	3/4	3573.34	3/4	3680.82
10	2063.82	10	2316.55	10	2568.95	10	2821.36	10	3073.77	10	3326.18	10	3578.60	10	3680.82
1/4	2069.09	1/4	2321.81	1/4	2574.21	1/4	2826.62	1/4	3079.03	1/4	3331.44	1/4	3583.86	1/4	3680.82
1/2	2074.35	1/2	2327.07	1/2	2579.47	1/2	2831.88	1/2	3084.29	1/2	3336.70	1/2	3589.11	1/2	3680.82
3/4	2079.62	3/4	2332.33	3/4	2584.72	3/4	2837.13	3/4	3089.55	3/4	3341.96	3/4	3594.37	3/4	3680.82
11	2084.89	11	2337.58	11	2589.98	11	2842.39	11	3094.81	11	3347.22	11	3599.63	11	3680.82
1/4	2090.16	1/4	2342.84	1/4	2595.24	1/4	2847.65	1/4	3100.06	1/4	3352.48	1/4	3604.89	1/4	3680.82
1/2	2095.43	1/2	2348.10	1/2	2600.50	1/2	2852.91	1/2	3105.32	1/2	3357.74	1/2	3610.15	1/2	3680.82
3/4	2100.70	3/4	2353.36	3/4	2605.76	3/4	2858.17	3/4	3110.58	3/4	3362.99	3/4	3615.41	3/4	3680.82

NOTE: GAUGE POINT TO TOP TIP OF 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' Z
 REFERENCE GAUGE HEIGHT STARBOARD-17' Z

Callibrated: 11-25-2008
 Calculation: WHF 12/16/2009
 Re-issued: August 6, 2009

FOR SLUMP GAUGING

Intertek
Caleb Brett

BARGE GRIFCO 3807

TANK: 5 P/S

CAPACITIES IN U.S. BARRELS

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

HULL No. 05-2538

IN	0 FT		1 FT		2 FT		3 FT		4 FT		5 FT		6 FT		7 FT	
	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0.00	0	105.08	0	408.14	0	711.21	0	1014.93	0	1319.50	0	1624.21	0	1928.93	0
1/4	0.05	1/4	111.39	1/4	414.46	1/4	717.52	1/4	1021.27	1/4	1325.85	1/4	1630.56	1/4	1935.28	1/4
1/2	0.09	1/2	117.70	1/2	420.77	1/2	723.84	1/2	1027.60	1/2	1332.20	1/2	1636.91	1/2	1941.63	1/2
3/4	0.14	3/4	124.02	3/4	427.09	3/4	730.15	3/4	1033.94	3/4	1338.55	3/4	1643.26	3/4	1947.98	3/4
1	0.19	1	130.33	1	433.40	1	736.47	1	1040.27	1	1344.90	1	1649.61	1	1954.33	1
1/4	0.23	1/4	136.65	1/4	439.71	1/4	742.77	1/4	1046.61	1/4	1351.24	1/4	1655.95	1/4	1960.67	1/4
1/2	0.28	1/2	142.96	1/2	446.03	1/2	749.07	1/2	1052.94	1/2	1357.59	1/2	1662.30	1/2	1967.02	1/2
3/4	0.33	3/4	149.27	3/4	452.34	3/4	755.38	3/4	1059.28	3/4	1363.94	3/4	1668.65	3/4	1973.37	3/4
2	0.37	2	155.59	2	458.65	2	761.68	2	1065.61	2	1370.29	2	1675.00	2	1979.72	2
1/4	0.42	1/4	161.90	1/4	464.97	1/4	767.99	1/4	1071.95	1/4	1376.64	1/4	1681.35	1/4	1986.07	1/4
1/2	0.47	1/2	168.22	1/2	471.28	1/2	774.29	1/2	1078.28	1/2	1382.99	1/2	1687.69	1/2	1992.42	1/2
3/4	0.51	3/4	174.53	3/4	477.60	3/4	780.59	3/4	1084.62	3/4	1389.33	3/4	1694.04	3/4	1998.76	3/4
3	0.56	3	180.84	3	483.91	3	786.90	3	1090.97	3	1395.68	3	1700.39	3	2005.11	3
1/4	0.61	1/4	187.16	1/4	490.22	1/4	793.20	1/4	1097.32	1/4	1402.03	1/4	1706.74	1/4	2011.46	1/4
1/2	0.65	1/2	193.47	1/2	496.54	1/2	799.51	1/2	1103.67	1/2	1408.38	1/2	1713.09	1/2	2017.81	1/2
3/4	0.70	3/4	199.79	3/4	502.85	3/4	805.81	3/4	1110.01	3/4	1414.73	3/4	1719.43	3/4	2024.16	3/4
4	0.75	4	206.10	4	509.17	4	812.16	4	1116.36	4	1421.08	4	1725.78	4	2030.51	4
1/4	0.79	1/4	212.41	1/4	515.48	1/4	818.51	1/4	1122.71	1/4	1427.42	1/4	1732.13	1/4	2036.86	1/4
1/2	0.84	1/2	218.73	1/2	521.79	1/2	824.86	1/2	1129.06	1/2	1433.77	1/2	1738.48	1/2	2043.20	1/2
3/4	0.89	3/4	225.04	3/4	528.11	3/4	831.21	3/4	1135.41	3/4	1440.12	3/4	1744.83	3/4	2049.55	3/4
5	0.93	5	231.35	5	534.42	5	837.56	5	1141.75	5	1446.47	5	1751.17	5	2055.90	5
1/4	0.98	1/4	237.67	1/4	540.74	1/4	843.89	1/4	1148.10	1/4	1452.82	1/4	1757.52	1/4	2062.25	1/4
1/2	1.03	1/2	243.98	1/2	547.05	1/2	850.23	1/2	1154.45	1/2	1459.16	1/2	1763.87	1/2	2068.60	1/2
3/4	1.07	3/4	250.29	3/4	553.36	3/4	856.56	3/4	1160.80	3/4	1465.51	3/4	1770.22	3/4	2074.95	3/4
6	1.12	6	256.61	6	559.68	6	862.90	6	1167.15	6	1471.86	6	1776.57	6	2081.30	6
1/4	1.50	1/4	262.92	1/4	565.99	1/4	869.23	1/4	1173.50	1/4	1478.21	1/4	1782.92	1/4	2087.64	1/4
1/2	2.27	1/2	269.24	1/2	572.31	1/2	875.57	1/2	1179.84	1/2	1484.56	1/2	1789.26	1/2	2093.99	1/2
3/4	3.43	3/4	275.55	3/4	578.62	3/4	881.90	3/4	1186.19	3/4	1490.91	3/4	1795.61	3/4	2100.34	3/4
7	4.98	7	281.86	7	584.93	7	888.24	7	1192.54	7	1497.25	7	1801.96	7	2106.69	7
1/4	6.93	1/4	288.18	1/4	591.25	1/4	894.57	1/4	1198.89	1/4	1503.60	1/4	1808.31	1/4	2113.04	1/4
1/2	9.28	1/2	294.49	1/2	597.56	1/2	900.91	1/2	1205.24	1/2	1509.95	1/2	1814.66	1/2	2119.39	1/2
3/4	12.02	3/4	300.81	3/4	603.87	3/4	907.24	3/4	1211.58	3/4	1516.30	3/4	1821.01	3/4	2125.73	3/4
8	15.16	8	307.12	8	610.19	8	913.58	8	1217.93	8	1522.65	8	1827.36	8	2132.08	8
1/4	18.70	1/4	313.44	1/4	616.50	1/4	919.91	1/4	1224.28	1/4	1528.99	1/4	1833.70	1/4	2138.43	1/4
1/2	22.63	1/2	319.75	1/2	622.82	1/2	926.25	1/2	1230.63	1/2	1535.34	1/2	1840.05	1/2	2144.78	1/2
3/4	26.96	3/4	326.06	3/4	629.13	3/4	932.58	3/4	1236.98	3/4	1541.69	3/4	1846.40	3/4	2151.13	3/4
9	31.69	9	332.38	9	635.44	9	938.92	9	1243.33	9	1548.04	9	1852.75	9	2157.48	9
1/4	36.81	1/4	338.69	1/4	641.76	1/4	945.25	1/4	1249.67	1/4	1554.39	1/4	1859.10	1/4	2163.83	1/4
1/2	42.33	1/2	345.00	1/2	648.07	1/2	951.59	1/2	1256.02	1/2	1560.73	1/2	1865.45	1/2	2170.17	1/2
3/4	48.25	3/4	351.32	3/4	654.39	3/4	957.92	3/4	1262.37	3/4	1567.08	3/4	1871.79	3/4	2176.52	3/4
10	54.56	10	357.63	10	660.70	10	964.26	10	1268.72	10	1573.43	10	1878.14	10	2182.87	10
1/4	60.88	1/4	363.95	1/4	667.01	1/4	970.59	1/4	1275.07	1/4	1579.78	1/4	1884.49	1/4	2189.22	1/4
1/2	67.19	1/2	370.26	1/2	673.33	1/2	976.92	1/2	1281.41	1/2	1586.13	1/2	1890.84	1/2	2195.57	1/2
3/4	73.51	3/4	376.57	3/4	679.64	3/4	983.26	3/4	1287.76	3/4	1592.47	3/4	1897.19	3/4	2201.92	3/4
11	79.82	11	382.89	11	685.96	11	989.59	11	1294.11	11	1598.82	11	1903.54	11	2208.27	11
1/4	86.13	1/4	389.20	1/4	692.27	1/4	995.93	1/4	1300.46	1/4	1605.17	1/4	1909.89	1/4	2214.61	1/4
1/2	92.45	1/2	395.52	1/2	698.58	1/2	1002.26	1/2	1306.81	1/2	1611.52	1/2	1916.23	1/2	2220.96	1/2
3/4	98.76	3/4	401.83	3/4	704.90	3/4	1008.60	3/4	1313.16	3/4	1617.87	3/4	1922.58	3/4	2227.31	3/4

NOTE: GAUGE POINT: TO TOP UP 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: 11' 2"
 REFERENCE GAUGE HEIGHT STARBOARD: 11' 2"

Calculated: JF 11-25-2008
 Calculation: WHF 12/16/2009
 Re-issued: August 6, 2009
 SLUMP GAUGING

BARGE GRIFCO 3807 TANK: 5 P/S

CAPACITIES IN U.S. BARRELS

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

HULL No. 06-2538

IN	8 FT	9 FT	10 FT	11 FT	12 FT	13 FT	14 FT	15 FT
0	2233.66	2538.39	2842.86	3147.09	3382.73	3433.68	3484.63	3534.96
1/4	2240.01	2544.74	2849.20	3153.43	3383.79	3434.74	3485.69	3535.81
1/2	2246.36	2551.08	2855.54	3159.76	3384.85	3435.80	3486.75	3536.63
3/4	2252.70	2557.43	2861.88	3166.10	3385.91	3436.86	3487.81	3537.43
1	2259.05	2563.78	2868.22	3172.44	3386.97	3437.92	3488.88	3538.19
1/4	2265.40	2570.13	2874.55	3178.78	3388.03	3438.99	3489.94	3538.92
1/2	2271.75	2576.48	2880.89	3185.12	3389.10	3440.05	3491.00	3539.63
3/4	2278.10	2582.83	2887.23	3191.45	3390.16	3441.11	3492.06	3540.30
2	2284.45	2589.18	2893.57	3197.79	3391.22	3442.17	3493.12	3540.95
1/4	2290.80	2595.52	2899.91	3204.13	3392.28	3443.23	3494.18	3541.56
1/2	2297.14	2601.87	2906.24	3210.47	3393.34	3444.29	3495.25	3542.15
3/4	2303.49	2608.22	2912.58	3216.81	3394.40	3445.35	3496.31	3542.70
3	2309.84	2614.57	2918.92	3223.15	3395.46	3446.42	3497.37	3543.23
1/4	2316.19	2620.92	2925.26	3229.48	3396.53	3447.48	3498.43	3543.72
1/2	2322.54	2627.27	2931.60	3235.82	3397.59	3448.54	3499.49	3544.19
3/4	2328.89	2633.61	2937.93	3242.16	3398.65	3449.60	3500.55	3544.63
4	2335.24	2639.96	2944.27	3248.50	3399.71	3450.66	3501.61	3545.03
1/4	2341.58	2646.31	2950.61	3254.84	3400.77	3451.72	3502.68	3545.41
1/2	2347.93	2652.66	2956.95	3261.18	3401.83	3452.79	3503.74	3545.76
3/4	2354.28	2659.01	2963.29	3267.51	3402.89	3453.85	3504.80	3546.07
5	2360.63	2665.36	2969.62	3273.85	3403.96	3454.91	3505.86	3546.36
1/4	2366.98	2671.71	2975.96	3280.19	3405.02	3455.97	3506.92	3546.62
1/2	2373.33	2678.05	2982.30	3286.53	3406.08	3457.03	3507.98	3546.84
3/4	2379.67	2684.40	2988.64	3292.87	3407.14	3458.09	3509.04	3547.04
6	2386.02	2690.75	2994.98	3299.21	3408.20	3459.15	3510.11	3547.21
1/4	2392.37	2697.09	3001.31	3305.54	3409.26	3460.22	3511.17	3547.35
1/2	2398.72	2703.43	3007.65	3311.88	3410.33	3461.28	3512.23	3547.46
3/4	2405.07	2709.77	3013.99	3318.22	3411.39	3462.34	3513.29	3547.54
7	2411.42	2716.10	3020.33	3324.56	3412.45	3463.40	3514.35	3547.59
1/4	2417.77	2722.44	3026.67	3330.90	3413.51	3464.46	3515.41	3547.60
1/2	2424.11	2728.78	3033.00	3337.24	3414.57	3465.52	3516.48	3547.60
3/4	2430.46	2735.12	3039.34	3343.57	3415.63	3466.58	3517.54	3547.60
8	2436.81	2741.46	3045.68	3349.91	3416.69	3467.65	3518.60	3547.60
1/4	2443.16	2747.79	3052.02	3356.25	3417.76	3468.71	3519.66	3547.60
1/2	2449.51	2754.13	3058.36	3362.59	3418.82	3469.77	3520.72	3547.60
3/4	2455.86	2760.47	3064.69	3368.93	3419.88	3470.83	3521.78	3547.60
9	2462.21	2766.81	3071.03	3375.27	3420.94	3471.89	3522.84	3547.60
1/4	2468.55	2773.15	3077.37	3381.61	3422.00	3472.95	3523.91	3547.60
1/2	2474.90	2779.48	3083.71	3387.95	3423.06	3474.02	3524.97	3547.60
3/4	2481.25	2785.82	3090.05	3394.29	3424.12	3475.08	3526.03	3547.60
10	2487.60	2792.16	3096.38	3400.63	3425.19	3476.14	3527.09	3547.60
1/4	2493.95	2798.50	3102.72	3407.07	3426.25	3477.20	3528.15	3547.60
1/2	2500.30	2804.84	3109.06	3413.50	3427.31	3478.26	3529.21	3547.60
3/4	2506.64	2811.17	3115.40	3419.94	3428.37	3479.32	3530.24	3547.60
11	2512.99	2817.51	3121.74	3426.27	3429.43	3480.38	3531.25	3547.60
1/4	2519.34	2823.85	3128.07	3432.61	3430.49	3481.45	3532.22	3547.60
1/2	2525.69	2830.19	3134.41	3438.95	3431.56	3482.51	3533.16	3547.60
3/4	2532.04	2836.53	3140.75	3445.29	3432.62	3483.57	3534.07	3547.60

NOTE: GAUGE POINT TO TOP OF BALL VALVE, ON 1" DESCRIPTION.
 NOTE: GAUGE POINT LOCATED FORWARD END OF TANK - APPLY TRIM CORRECTION WHEN NOT ON EVEN KEEL.
 REFERENCE GAUGE HEIGHT PORT: 17" Z
 REFERENCE GAUGE HEIGHT STARBOARD: 17" Z

Calculated: JF 11-25-2008
 Calculation: WHF 12/16/2009
 Re-issued: August 6, 2009
 FOR SUMP GAUGING

Trim Correction
 +12" -1 3/8
 +6" -3/4
 EVEN 0
 -6" 3/4
 -10" 1 3/8
 -16" 2 1/8
 -20" 2 3/4
 -26" 3 1/2
 -30" 4 1/4
 -36" 4 7/8
 -40" 5 5/8
 -46" 6 3/8
 -50" 7
 -56" 7 3/4
 -60" 8 3/8