

OUTGAGE TABLE

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.
0	4360.79	4073.91	3765.41	3446.38	3116.85	2783.78	2456.71	2117.64	1784.57	1451.49	1120.78	806.08	510.59	234.27
1/4	4357.52	4067.36	3758.85	3439.60	3109.91	2776.84	2449.77	2110.70	1777.63	1444.55	1113.86	799.67	504.57	232.65
1/2	4354.24	4060.25	3752.30	3432.82	3102.98	2770.80	2443.83	2103.76	1770.69	1437.62	1107.45	793.25	498.56	230.84
3/4	4349.51	4053.31	3745.34	3425.85	3095.04	2763.96	2436.89	2096.82	1763.75	1430.68	1100.33	786.84	492.54	217.42
1	4344.78	4046.36	3737.91	3418.27	3087.11	2756.03	2429.93	2089.88	1756.81	1423.74	1093.22	780.42	486.53	211.81
1 1/4	4340.05	4039.42	3730.03	3410.59	3078.26	2748.15	2422.99	2082.94	1749.87	1416.81	1086.70	774.01	480.51	206.19
1 1/2	4335.32	4032.48	3722.16	3402.92	3069.42	2740.28	2416.08	2076.00	1742.93	1409.86	1079.59	767.79	474.70	200.77
1 3/4	4330.59	4025.54	3714.27	3395.14	3060.58	2732.41	2409.20	2069.06	1735.99	1402.93	1072.47	761.58	468.88	195.36
2	4325.85	4018.62	3706.41	3387.35	3051.74	2724.54	2402.32	2062.13	1728.06	1395.98	1065.36	755.36	463.07	189.94
2 1/4	4321.12	4011.69	3698.58	3379.56	3042.90	2716.67	2395.44	2055.20	1720.13	1389.04	1058.25	749.15	457.25	184.53
2 1/2	4316.39	4004.77	3690.74	3371.78	3034.06	2708.80	2388.56	2048.28	1712.21	1382.10	1051.14	742.94	451.44	179.11
2 3/4	4311.66	3997.84	3682.91	3364.00	3025.22	2700.93	2381.68	2041.35	1704.29	1375.16	1044.03	736.72	445.63	173.69
3	4306.93	3990.92	3675.08	3356.22	3016.38	2693.06	2374.80	2034.43	1696.37	1368.23	1036.92	730.51	439.81	168.28
3 1/4	4302.20	3984.00	3667.24	3348.44	3007.54	2684.90	2367.92	2027.50	1688.45	1361.29	1029.81	724.29	434.00	162.86
3 1/2	4297.47	3977.08	3659.41	3340.66	2998.70	2676.93	2361.04	2020.58	1680.53	1354.35	1022.70	718.08	428.17	157.45
3 3/4	4292.74	3970.16	3651.58	3332.88	2989.86	2668.96	2354.16	2013.65	1672.61	1347.41	1015.59	711.87	422.34	152.03
4	4288.01	3963.24	3643.75	3325.10	2981.02	2660.99	2347.28	2006.73	1664.69	1340.47	1008.48	705.66	416.56	146.61
4 1/4	4283.28	3956.32	3635.92	3317.32	2972.18	2653.02	2340.40	1999.81	1656.77	1333.53	1001.37	699.44	410.74	141.20
4 1/2	4278.55	3949.40	3628.09	3309.54	2963.34	2645.05	2333.52	1992.84	1648.85	1326.59	994.26	693.22	404.93	135.78
4 3/4	4273.82	3942.48	3620.26	3301.76	2954.50	2637.08	2326.64	1985.88	1640.93	1319.65	987.15	687.01	399.11	130.37
5	4269.09	3935.56	3612.43	3293.98	2945.66	2629.12	2319.76	1978.91	1633.01	1312.71	980.04	680.80	393.30	124.95
5 1/4	4264.36	3928.64	3604.60	3286.20	2936.82	2621.16	2312.84	1971.94	1625.09	1305.76	972.93	674.59	387.49	119.53
5 1/2	4259.63	3921.72	3596.77	3278.42	2927.98	2613.20	2305.96	1964.98	1617.17	1298.84	965.82	668.38	381.67	114.12
5 3/4	4254.90	3914.80	3588.94	3270.64	2919.14	2605.24	2299.08	1958.04	1609.30	1291.90	957.65	662.17	375.86	108.70
6	4250.17	3907.88	3581.11	3262.86	2910.30	2597.28	2292.16	1951.10	1601.43	1284.96	949.48	656.04	370.04	103.29
6 1/4	4245.44	3900.96	3573.28	3255.08	2901.46	2589.42	2285.24	1944.16	1593.56	1278.02	941.31	649.93	364.23	97.87
6 1/2	4240.71	3894.04	3565.45	3247.30	2892.62	2581.56	2278.32	1937.22	1585.69	1271.08	933.14	643.82	358.42	92.45
6 3/4	4235.98	3887.12	3557.62	3239.52	2883.78	2573.70	2271.40	1930.28	1577.82	1264.14	924.97	637.71	352.60	87.04
7	4231.25	3880.20	3549.79	3231.74	2874.94	2565.84	2265.48	1923.35	1570.27	1257.20	916.80	631.60	346.79	81.62
7 1/4	4226.52	3873.28	3541.96	3223.96	2866.10	2557.98	2259.56	1916.41	1562.40	1250.26	908.63	625.49	340.97	76.21
7 1/2	4221.79	3866.36	3534.13	3216.18	2857.26	2550.12	2253.64	1909.47	1554.53	1243.45	900.46	619.28	335.16	70.99
7 3/4	4217.06	3859.44	3526.30	3208.40	2848.42	2542.26	2247.72	1902.53	1546.66	1236.63	892.29	613.07	329.34	65.77
8	4212.33	3852.52	3518.47	3200.62	2839.58	2534.40	2241.80	1895.59	1538.79	1229.82	884.12	606.86	323.53	60.56
8 1/4	4207.60	3845.60	3510.64	3192.84	2830.74	2526.54	2235.88	1888.65	1530.92	1223.00	875.97	600.65	317.72	55.34
8 1/2	4202.87	3838.68	3502.81	3185.06	2821.90	2518.68	2229.96	1881.71	1523.05	1216.19	867.12	594.44	311.91	50.13
8 3/4	4198.14	3831.76	3494.98	3177.28	2813.06	2510.82	2224.04	1874.77	1515.18	1209.37	858.27	588.23	306.10	44.92
9	4193.41	3824.84	3487.15	3169.50	2804.22	2502.96	2218.12	1867.83	1507.31	1202.56	850.40	582.02	300.29	39.71
9 1/4	4188.68	3817.92	3479.32	3161.72	2795.38	2495.10	2212.20	1860.89	1500.44	1195.74	842.53	575.77	294.48	34.50
9 1/2	4183.95	3811.00	3471.49	3153.94	2786.54	2487.24	2206.28	1853.95	1493.57	1189.33	834.66	569.52	288.67	29.29
9 3/4	4179.22	3804.08	3463.66	3146.16	2777.70	2479.38	2200.36	1847.01	1486.70	1182.92	826.79	563.27	282.86	24.08
10	4174.49	3797.16	3455.83	3138.38	2768.86	2471.52	2194.44	1840.08	1479.83	1176.50	818.92	557.02	277.05	18.87
10 1/4	4169.76	3790.24	3448.00	3130.60	2760.02	2463.66	2188.52	1833.14	1472.96	1170.07	811.05	550.77	271.24	13.66
10 1/2	4165.03	3783.32	3440.17	3122.82	2751.18	2455.80	2182.60	1826.20	1466.09	1163.64	803.18	544.52	265.43	8.45
10 3/4	4160.30	3776.40	3432.34	3115.04	2742.34	2447.94	2176.68	1819.26	1459.22	1157.22	795.31	538.27	259.62	3.24
11	4155.57	3769.48	3424.51	3107.26	2733.50	2440.08	2170.76	1812.32	1452.35	1150.80	787.44	532.02	253.81	14.79
11 1/4	4150.84	3762.56	3416.68	3099.48	2724.66	2432.22	2164.84	1805.38	1445.48	1144.38	779.57	525.77	248.00	9.58
11 1/2	4146.11	3755.64	3408.85	3091.70	2715.82	2424.36	2158.92	1798.44	1438.61	1137.96	771.70	519.52	242.19	4.37
11 3/4	4141.38	3748.72	3401.02	3083.92	2706.98	2416.50	2153.00	1791.48	1431.74	1131.54	763.83	513.27	236.38	14.79
12	4136.65	3741.80	3393.19	3076.14	2698.14	2408.64	2147.08	1784.54	1424.87	1125.12	755.96	507.02	230.57	9.58
12 1/4	4131.92	3734.88	3385.36	3068.36	2689.30	2400.78	2141.16	1777.60	1418.00	1118.70	748.09	500.77	224.76	4.37
12 1/2	4127.19	3727.96	3377.53	3060.58	2680.46	2392.92	2135.24	1770.66	1411.13	1112.28	740.22	494.52	218.95	14.79
12 3/4	4122.46	3721.04	3369.70	3052.80	2671.62	2385.06	2129.32	1763.72	1404.26	1105.86	732.35	488.27	213.14	9.58
13	4117.73	3714.12	3361.87	3045.02	2662.78	2377.20	2123.40	1756.78	1397.39	1099.44	724.48	482.02	207.33	4.37
13 1/4	4113.00	3707.20	3354.04	3037.24	2653.94	2369.34	2117.48	1749.84	1390.46	1093.02	716.61	475.77	201.52	14.79
13 1/2	4108.27	3700.28	3346.21	3029.46	2645.10	2361.48	2111.56	1742.90	1383.54	1086.60	708.74	469.52	195.71	9.58
13 3/4	4103.54	3693.36	3338.38	3021.68	2636.26	2353.62	2105.64	1735.96	1376.62	1080.18	700.87	463.27	189.90	4.37
14	4098.81	3686.44	3330.55	3013.90	2627.42	2345.76	2099.72	1729.02	1369.70	1073.76	693.00	457.02	184.09	14.79
14 1/4	4094.08	3679.52	3322.72	3006.12	2618.58	2337.90	2093.80	1722.08	1362.78	1067.34	685.13	450.77	178.28	9.58
14 1/2	4089.35	3672.60	3314.89	2998.34	2609.74	2330.04	2087.88	1715.14	1355.86	1060.92	677.26	444.52	172.47	4.37
14 3/4	4084.62	3665.68	3307.06	2990.56	2600.90	2322.18	2081.96	1708.20	1348.94	1054.50	669.39	438.27	166.66	14.79
15	4079.89	3658.76	3299.23	2982.78	2592.06	2314.32	2076.04	1701.26	1342.02	1048.08	661.52	432.02	160.85	9.58
15 1/4	4075.16	3651.84												

OUTAGE TABLE

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
33	33	33	33	33	33	33	33	33	33	33	33	33	33	33
34	34	34	34	34	34	34	34	34	34	34	34	34	34	34

STRAPPED: 102/104

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE

[Signature]
INSPECTORATE AMERICA CORPORATION

REFERENCE GAUGE HEIGHT: 14'-11" (RIM OF 2" DIAMETER BALL VALVE LOCATED NEAR CENTER OF TANK)

* CAPACITY BELOW STRIKE POINT

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS



BARGE "EMS 317"
Enterprise Marine Services LLC

TANK NO. 2
STAR

HULL NO. 147

OUTAGE TABLE

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		
#	W	#	W	#	W	#	W	#	W	#	W	#	W	#	W	#	W	#	W	#	W	#	W	#	W	#	W	#	W	
1/4	6	5,273.95	1/4	4,939.76	0	4,578.65	0	4,215.98	0	3,831.26	0	3,442.08	0	3,052.89	0	2,663.71	0	2,274.53	0	1,885.34	0	1,496.16	0	1,106.97	0	717.79	0	328.61	0	328.61
1/2	1/2	5,268.41	1/2	4,932.57	1/2	4,579.12	1/2	4,206.90	1/2	3,823.15	1/2	3,433.97	1/2	3,045.78	1/2	2,656.60	1/2	2,267.42	1/2	1,878.23	1/2	1,489.05	1/2	1,099.87	1/2	710.68	1/2	330.50	1/2	330.50
3/4	3/4	5,262.87	3/4	4,925.38	3/4	4,574.58	3/4	4,202.22	3/4	3,815.05	3/4	3,425.86	3/4	3,036.68	3/4	2,647.49	3/4	2,258.31	3/4	1,869.13	3/4	1,479.94	3/4	1,090.76	3/4	701.57	3/4	312.39	3/4	312.39
1	1	5,250.09	1	4,911.00	1	4,556.51	1	4,185.46	1	3,800.94	1	3,411.75	1	3,022.56	1	2,633.39	1	2,244.20	1	1,855.02	1	1,465.83	1	1,076.64	1	687.45	1	304.28	1	304.28
1/2	1/2	5,242.84	1/2	4,903.81	1/2	4,548.97	1/2	4,177.56	1/2	3,792.72	1/2	3,403.53	1/2	3,014.34	1/2	2,625.15	1/2	2,235.96	1/2	1,846.77	1/2	1,457.58	1/2	1,068.39	1/2	679.20	1/2	288.07	1/2	288.07
3/4	3/4	5,235.60	3/4	4,895.62	3/4	4,541.44	3/4	4,169.70	3/4	3,784.86	3/4	3,395.67	3/4	3,006.48	3/4	2,617.29	3/4	2,228.10	3/4	1,838.91	3/4	1,449.72	3/4	1,060.53	3/4	671.34	3/4	279.86	3/4	279.86
1	1	5,228.35	1	4,885.43	1	4,531.25	1	4,159.82	1	3,774.98	1	3,385.79	1	2,996.60	1	2,607.41	1	2,218.22	1	1,829.03	1	1,439.84	1	1,050.65	1	662.45	1	271.95	1	271.95
1/2	1/2	5,221.42	1/2	4,878.28	1/2	4,524.10	1/2	4,152.85	1/2	3,768.00	1/2	3,378.81	1/2	2,989.62	1/2	2,599.43	1/2	2,210.24	1/2	1,821.05	1/2	1,431.86	1/2	1,042.67	1/2	654.06	1/2	263.74	1/2	263.74
3/4	3/4	5,214.49	3/4	4,871.47	3/4	4,517.66	3/4	4,146.88	3/4	3,762.03	3/4	3,372.84	3/4	2,983.65	3/4	2,593.46	3/4	2,204.27	3/4	1,815.08	3/4	1,425.89	3/4	1,036.70	3/4	646.51	3/4	255.63	3/4	255.63
1	1	5,207.56	1	4,864.60	1	4,510.79	1	4,139.98	1	3,755.19	1	3,365.99	1	2,976.80	1	2,586.61	1	2,196.42	1	1,806.23	1	1,416.04	1	1,026.85	1	637.66	1	247.53	1	247.53
1/2	1/2	5,200.63	1/2	4,857.68	1/2	4,503.87	1/2	4,133.06	1/2	3,748.27	1/2	3,359.07	1/2	2,970.88	1/2	2,580.69	1/2	2,190.50	1/2	1,800.31	1/2	1,410.12	1/2	1,020.93	1/2	631.74	1/2	239.42	1/2	239.42
3/4	3/4	5,193.69	3/4	4,850.73	3/4	4,496.92	3/4	4,126.11	3/4	3,741.32	3/4	3,352.12	3/4	2,963.93	3/4	2,573.74	3/4	2,183.55	3/4	1,793.36	3/4	1,403.17	3/4	1,013.98	3/4	625.75	3/4	231.31	3/4	231.31
1	1	5,186.76	1	4,843.80	1	4,489.99	1	4,119.18	1	3,734.39	1	3,345.19	1	2,957.00	1	2,566.81	1	2,176.62	1	1,786.43	1	1,396.24	1	996.05	1	605.86	1	223.20	1	223.20
1/2	1/2	5,179.83	1/2	4,836.84	1/2	4,482.93	1/2	4,112.12	1/2	3,727.33	1/2	3,338.13	1/2	2,950.94	1/2	2,560.75	1/2	2,170.56	1/2	1,780.37	1/2	1,390.18	1/2	999.99	1/2	609.80	1/2	215.09	1/2	215.09
3/4	3/4	5,172.90	3/4	4,829.88	3/4	4,476.07	3/4	4,105.26	3/4	3,720.47	3/4	3,331.27	3/4	2,944.08	3/4	2,553.89	3/4	2,163.70	3/4	1,773.51	3/4	1,383.32	3/4	993.13	3/4	602.91	3/4	206.99	3/4	206.99
1	1	5,165.97	1	4,822.93	1	4,469.12	1	4,098.31	1	3,713.52	1	3,324.32	1	2,937.13	1	2,546.94	1	2,156.75	1	1,766.56	1	1,376.37	1	986.18	1	595.99	1	198.88	1	198.88
1/2	1/2	5,159.04	1/2	4,815.89	1/2	4,462.08	1/2	4,091.27	1/2	3,706.47	1/2	3,317.27	1/2	2,930.08	1/2	2,539.89	1/2	2,149.70	1/2	1,759.51	1/2	1,369.32	1/2	979.93	1/2	589.74	1/2	186.66	1/2	186.66
3/4	3/4	5,152.11	3/4	4,808.84	3/4	4,455.03	3/4	4,084.22	3/4	3,699.41	3/4	3,309.21	3/4	2,922.02	3/4	2,531.83	3/4	2,141.64	3/4	1,751.45	3/4	1,361.26	3/4	971.07	3/4	579.55	3/4	174.55	3/4	174.55
1	1	5,145.17	1	4,801.80	1	4,447.99	1	4,077.18	1	3,692.37	1	3,302.17	1	2,915.98	1	2,525.79	1	2,135.60	1	1,745.41	1	1,355.22	1	965.03	1	573.51	1	167.44	1	167.44
1/2	1/2	5,138.24	1/2	4,794.74	1/2	4,440.93	1/2	4,066.12	1/2	3,687.31	1/2	3,297.11	1/2	2,910.92	1/2	2,520.73	1/2	2,130.54	1/2	1,740.35	1/2	1,350.16	1/2	959.97	1/2	571.63	1/2	159.32	1/2	159.32
3/4	3/4	5,131.31	3/4	4,787.24	3/4	4,433.43	3/4	4,058.62	3/4	3,678.81	3/4	3,288.61	3/4	2,902.42	3/4	2,512.23	3/4	2,122.04	3/4	1,731.85	3/4	1,341.66	3/4	954.79	3/4	570.11	3/4	157.19	3/4	157.19
1	1	5,124.38	1	4,780.74	1	4,426.93	1	4,052.12	1	3,671.91	1	3,281.71	1	2,895.52	1	2,505.33	1	2,115.14	1	1,724.95	1	1,334.76	1	944.57	1	564.41	1	154.01	1	154.01
1/2	1/2	5,117.45	1/2	4,773.24	1/2	4,419.43	1/2	4,044.62	1/2	3,666.81	1/2	3,276.61	1/2	2,890.42	1/2	2,500.23	1/2	2,110.04	1/2	1,719.85	1/2	1,329.66	1/2	939.49	1/2	559.33	1/2	152.01	1/2	152.01
3/4	3/4	5,110.52	3/4	4,765.74	3/4	4,411.93	3/4	4,037.12	3/4	3,659.31	3/4	3,269.11	3/4	2,882.92	3/4	2,492.73	3/4	2,102.54	3/4	1,712.35	3/4	1,322.16	3/4	931.31	3/4	557.15	3/4	149.82	3/4	149.82
1	1	5,103.59	1	4,758.24	1	4,404.43	1	4,029.62	1	3,652.81	1	3,262.61	1	2,876.42	1	2,486.23	1	2,096.04	1	1,705.85	1	1,315.66	1	925.51	1	545.35	1	147.22	1	147.22
1/2	1/2	5,096.66	1/2	4,750.74	1/2	4,400.93	1/2	4,026.12	1/2	3,645.91	1/2	3,255.71	1/2	2,869.52	1/2	2,479.33	1/2	2,089.14	1/2	1,698.95	1/2	1,308.76	1/2	918.61	1/2	538.45	1/2	145.51	1/2	145.51
3/4	3/4	5,089.73	3/4	4,743.24	3/4	4,393.43	3/4	4,018.62	3/4	3,639.41	3/4	3,249.21	3/4	2,863.02	3/4	2,472.83	3/4	2,082.64	3/4	1,692.45	3/4	1,302.26	3/4	912.11	3/4	534.25	3/4	142.12	3/4	142.12
1	1	5,082.80	1	4,735.74	1	4,385.93	1	4,011.12	1	3,634.91	1	3,244.71	1	2,858.52	1	2,468.33	1	2,078.14	1	1,687.95	1	1,297.76	1	907.61	1	528.50	1	140.01	1	140.01
1/2	1/2	5,075.87	1/2	4,728.24	1/2	4,378.43	1/2	4,003.62	1/2	3,628.81	1/2	3,238.61	1/2	2,852.42	1/2	2,462.23	1/2	2,072.04	1/2	1,681.85	1/2	1,291.66	1/2	901.51	1/2	524.39	1/2	137.87	1/2	137.87
3/4	3/4	5,068.94	3/4	4,720.74	3/4	4,370.93	3/4	3,996.12	3/4	3,619.91	3/4	3,229.71	3/4	2,843.52	3/4	2,453.33	3/4	2,063.14	3/4	1,672.95	3/4	1,282.76	3/4	891.36	3/4	520.28	3/4	135.68	3/4	135.68
1	1	5,062.01	1	4,713.24	1	4,363.43	1	3,988.62	1	3,614.41	1	3,224.21	1	2,838.02	1	2,447.83	1	2,057.64	1	1,667.45	1	1,277.26	1	881.07	1	516.11	1	133.50	1	133.50
1/2	1/2	5,055.08	1/2	4,705.74	1/2	4,355.93	1/2	3,981.12	1/2	3,605.91	1/2	3,218.71	1/2	2,832.52	1/2	2,442.33	1/2	2,052.14	1/2	1,661.95	1/2	1,271.76	1/2	880.57	1/2	514.92	1/2	131.32	1/2	131.32
3/4	3/4	5,048.15	3/4	4,698.24	3/4	4,348.43	3/4	3,976.62	3/4	3,600.41	3/4	3,212.21	3/4	2,826.02	3/4	2,435.83	3/4	2,045.64	3/4	1,655.45	3/4	1,265.26	3/4	879.99	3/4	513.68	3/4	129.14	3/4	129.14
1	1	5,041.22	1	4,690.74	1	4,338.93	1	3,971.12	1	3,595.91	1	3,205.71	1	2,819.52	1	2,429.33	1	2,039.14	1	1,648.95	1	1,258.76	1	879.31	1	512.45	1	126.96	1	126.



BARGE "EMS 317"
Enterprise Marine Services LLC

TANK NO. 3
PORT

OUTAGE TABLE

HULL NO. 147

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

W	D FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.
0	4,599.68	4,430.06	4,079.60	3,817.32	3,543.66	3,227.25	2,865.76	2,462.79	2,022.29	1,552.30	1,052.30	602.30	158.32	696.83	335.35
1	4,596.95	4,426.94	4,076.48	3,814.20	3,539.90	3,219.72	2,858.20	2,455.23	1,995.23	1,525.23	1,025.23	575.23	155.23	693.74	332.26
2	4,594.22	4,423.82	4,073.41	3,811.11	3,536.79	3,216.64	2,855.12	2,452.15	1,992.15	1,522.15	1,022.15	572.15	152.15	690.65	329.19
3	4,591.49	4,420.70	4,070.52	3,808.00	3,533.66	3,213.52	2,852.00	2,449.18	1,989.18	1,519.18	1,019.18	569.18	149.18	687.56	326.12
4	4,588.76	4,417.58	4,067.63	3,804.81	3,530.54	3,210.39	2,848.83	2,446.05	1,986.05	1,516.05	1,016.05	566.05	146.05	684.47	323.05
5	4,586.03	4,414.46	4,064.74	3,801.62	3,527.42	3,207.24	2,845.66	2,442.88	1,982.88	1,512.88	1,012.88	562.88	142.88	681.38	320.00
6	4,583.30	4,411.34	4,061.85	3,798.43	3,524.30	3,204.09	2,842.49	2,439.71	1,979.71	1,509.71	1,009.71	559.71	139.71	678.29	316.93
7	4,580.57	4,408.22	4,058.96	3,795.24	3,521.18	3,200.94	2,839.30	2,436.54	1,976.54	1,506.54	1,006.54	556.54	136.54	675.20	313.86
8	4,577.84	4,405.10	4,056.07	3,792.05	3,518.06	3,197.79	2,836.11	2,433.37	1,973.37	1,503.37	1,003.37	553.37	133.37	672.11	310.79
9	4,575.11	4,401.98	4,053.18	3,788.86	3,514.94	3,194.62	2,832.92	2,430.20	1,970.20	1,500.20	1,000.20	550.20	130.20	669.02	307.72
10	4,572.38	4,398.86	4,050.29	3,785.67	3,511.82	3,191.47	2,829.73	2,427.05	1,967.05	1,497.05	997.05	547.05	127.05	665.93	304.65
11	4,569.65	4,395.74	4,047.40	3,782.48	3,508.70	3,188.32	2,826.54	2,423.88	1,963.88	1,493.88	993.88	543.88	123.88	662.84	301.58
12	4,566.92	4,392.62	4,044.51	3,779.29	3,505.58	3,185.17	2,823.35	2,420.71	1,960.71	1,490.71	990.71	540.71	120.71	659.75	298.51
13	4,564.19	4,389.50	4,041.62	3,776.10	3,502.46	3,182.02	2,820.16	2,417.54	1,957.54	1,487.54	987.54	537.54	117.54	656.66	295.44
14	4,561.46	4,386.38	4,038.73	3,772.91	3,499.34	3,178.87	2,816.97	2,414.37	1,954.37	1,484.37	984.37	534.37	114.37	653.57	292.37
15	4,558.73	4,383.26	4,035.84	3,769.72	3,496.22	3,175.72	2,813.78	2,411.20	1,951.20	1,481.20	981.20	531.20	111.20	650.48	289.30
16	4,556.00	4,380.14	4,032.95	3,766.53	3,493.10	3,172.57	2,810.59	2,408.03	1,948.03	1,478.03	978.03	528.03	108.03	647.39	286.23
17	4,553.27	4,377.02	4,030.06	3,763.34	3,490.02	3,169.42	2,807.40	2,404.86	1,944.86	1,474.86	974.86	524.86	104.86	644.30	283.16
18	4,550.54	4,373.90	4,027.17	3,760.15	3,486.90	3,166.27	2,804.21	2,401.69	1,941.69	1,471.69	971.69	521.69	101.69	641.21	280.09
19	4,547.81	4,370.78	4,024.28	3,756.96	3,483.78	3,163.12	2,801.02	2,398.52	1,938.52	1,468.52	968.52	518.52	98.52	638.12	277.02
20	4,545.08	4,367.66	4,021.39	3,753.77	3,480.66	3,160.00	2,797.83	2,395.35	1,935.35	1,465.35	965.35	515.35	95.35	635.03	273.95
21	4,542.35	4,364.54	4,018.50	3,750.58	3,477.54	3,156.85	2,794.64	2,392.18	1,932.18	1,462.18	962.18	512.18	92.18	631.94	270.88
22	4,539.62	4,361.42	4,015.61	3,747.39	3,474.42	3,153.70	2,791.45	2,389.01	1,929.01	1,459.01	959.01	509.01	89.01	628.85	267.81
23	4,536.89	4,358.30	4,012.72	3,744.20	3,471.30	3,150.55	2,788.26	2,385.84	1,925.84	1,455.84	955.84	505.84	85.84	625.76	264.74
24	4,534.16	4,355.18	4,009.83	3,741.01	3,468.18	3,147.40	2,785.07	2,382.67	1,922.67	1,452.67	952.67	502.67	82.67	622.67	261.67
25	4,531.43	4,352.06	4,006.94	3,737.82	3,465.06	3,144.25	2,781.88	2,379.50	1,919.50	1,449.50	949.50	499.50	79.50	619.58	258.60
26	4,528.70	4,348.94	4,004.05	3,734.63	3,461.94	3,141.10	2,778.69	2,376.33	1,916.33	1,446.33	946.33	496.33	76.33	616.49	255.53
27	4,525.97	4,345.82	4,001.16	3,731.44	3,458.82	3,137.95	2,775.50	2,373.16	1,913.16	1,443.16	943.16	493.16	73.16	613.40	252.46
28	4,523.24	4,342.70	3,998.27	3,728.25	3,455.70	3,134.80	2,772.31	2,370.00	1,910.00	1,440.00	940.00	490.00	70.00	610.31	249.39
29	4,520.51	4,339.58	3,995.38	3,725.06	3,452.58	3,131.65	2,769.12	2,366.83	1,906.83	1,436.83	936.83	486.83	66.83	607.22	246.32
30	4,517.78	4,336.46	3,992.49	3,721.87	3,449.46	3,128.50	2,766.93	2,363.66	1,903.66	1,433.66	933.66	483.66	63.66	604.13	243.25
31	4,515.05	4,333.34	3,989.60	3,718.68	3,446.34	3,125.35	2,764.74	2,360.50	1,900.50	1,430.50	930.50	480.50	60.50	601.04	240.18
32	4,512.32	4,330.22	3,986.71	3,715.49	3,443.22	3,122.20	2,761.55	2,357.33	1,897.33	1,427.33	927.33	477.33	57.33	597.95	237.11
33	4,509.59	4,327.10	3,983.82	3,712.30	3,440.10	3,119.05	2,758.36	2,354.16	1,894.16	1,424.16	924.16	474.16	54.16	594.86	234.04
34	4,506.86	4,323.98	3,980.93	3,709.11	3,436.98	3,115.90	2,755.17	2,351.00	1,891.00	1,421.00	921.00	471.00	51.00	591.77	230.97
35	4,504.13	4,320.86	3,978.04	3,705.92	3,433.86	3,112.75	2,751.98	2,347.83	1,887.83	1,417.83	917.83	467.83	47.83	588.68	227.90
36	4,501.40	4,317.74	3,975.15	3,702.73	3,430.74	3,109.60	2,748.79	2,344.66	1,884.66	1,414.66	914.66	464.66	44.66	585.59	224.83
37	4,498.67	4,314.62	3,972.26	3,699.54	3,427.62	3,106.45	2,745.60	2,341.50	1,881.50	1,411.50	911.50	461.50	41.50	582.50	221.76
38	4,495.94	4,311.50	3,969.37	3,696.35	3,424.50	3,103.30	2,742.41	2,338.33	1,878.33	1,408.33	908.33	458.33	38.33	579.41	218.69
39	4,493.21	4,308.38	3,966.48	3,693.16	3,421.38	3,100.15	2,739.22	2,335.16	1,875.16	1,405.16	905.16	455.16	35.16	576.32	215.62
40	4,490.48	4,305.26	3,963.59	3,689.97	3,418.26	3,097.00	2,736.03	2,332.00	1,872.00	1,402.00	902.00	452.00	32.00	573.23	212.55
41	4,487.75	4,302.14	3,960.70	3,686.78	3,415.14	3,093.85	2,732.84	2,328.83	1,868.83	1,398.83	898.83	448.83	28.83	570.14	209.48
42	4,485.02	4,299.02	3,957.81	3,683.59	3,412.02	3,090.70	2,729.65	2,325.66	1,865.66	1,395.66	895.66	445.66	25.66	567.05	206.41
43	4,482.29	4,295.90	3,954.92	3,680.40	3,408.90	3,087.55	2,726.46	2,322.50	1,862.50	1,392.50	892.50	442.50	22.50	563.96	203.34
44	4,479.56	4,292.78	3,952.03	3,677.21	3,405.78	3,084.40	2,723.27	2,319.33	1,859.33	1,389.33	889.33	439.33	19.33	560.87	200.27
45	4,476.83	4,289.66	3,949.14	3,674.02	3,402.66	3,081.25	2,720.08	2,316.16	1,856.16	1,386.16	886.16	436.16	16.16	557.78	197.20
46	4,474.10	4,286.54	3,946.25	3,670.83	3,399.54	3,078.10	2,716.89	2,313.00	1,853.00	1,383.00	883.00	433.00	13.00	554.69	194.13
47	4,471.37	4,283.42	3,943.36	3,667.64	3,396.42	3,075.00	2,713.70	2,309.83	1,850.83	1,380.83	880.83	430.83	9.83	551.60	191.06
48	4,468.64	4,280.30	3,940.47	3,664.45	3,393.30	3,071.85	2,710.51	2,306.66	1,847.66	1,377.66	877.66	427.66	6.66	548.51	188.00
49	4,465.91	4,277.18	3,937.58	3,661.26	3,390.18	3,068.70	2,707.32	2,303.50	1,844.50	1,374.50	874.50	424.50	3.50	545.42	184.93
50	4,463.18	4,274.06	3,934.69	3,658.07	3,387.06	3,065.55	2,704.13	2,300.33	1,841.33	1,371.33	871.33	421.33	0.33	542.33	181.86
51	4,460.45	4,270.94	3,931.80	3,654.88	3,383.94	3,062.40	2,700.94	2,297.16	1,838.16	1,368.16	868.16	418.16	0.16	539.24	178.79
52	4,457.72	4,267.82	3,928.91	3,651.69	3,380.82	3,059.25	2,697.75	2,294.00	1,835.00	1,365.00	865.00	415.00	0.00	536.15	175.72
53	4,454.99	4,264.70	3,926.02	3,648.50	3,377.70	3,056.10	2,694.56	2,290.83	1,831.83	1,361.83	861.83	411.83	0.83	533.06	172.65
54	4,452.26	4,261.58	3,923.13	3,645.31	3,374.58	3,053.00	2,691.37	2,287.66	1,828.66	1,358.66	858.66	408.66	1.66	529.97	169.58
55	4,449.53	4,258.46	3,920.24	3,642.12	3,371.46										



BARGE "EMS 317"
Enterprise Marine Services LLC

TANK NO. 3
STAR

OUTAGE TABLE

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 147

Table with columns for gauge height (0 FT. to 14 FT.) and corresponding capacity values. The table is organized into 14-foot intervals, with each interval containing 16 rows of data. The first column indicates the gauge height in feet, and the subsequent columns show the capacity in gallons for each specific gauge reading.

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT: 14'-10 3/4" (RIM OF 2" DIAMETER BALL VALVE LOCATED NEAR CENTER OF TANK)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE

[Signature]

INSPECTORATE AMERICA CORPORATION

STRAPPED: 102/104