



BARGE "EMS 311" Enterprise Marine Services LLC

OUTAGE TABLE

2 PORT

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

HULL NO. 4161

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.		15 FT.																																																																																																																																																																																																																																																																																	
G	C	G	C	G	C	G	C	G	C	G	C	G	C	G	C	G	C	G	C	G	C	G	C	G	C	G	C	G	C	G	C																																																																																																																																																																																																																																																																																
0	5.06556	4	4.80958	8	4.51958	12	4.23776	16	3.96937	20	3.71504	24	3.47504	28	3.24975	32	3.03975	36	2.83494	40	2.63504	44	2.44094	48	2.25294	52	2.07094	56	1.89494	60	1.72494	64	1.56094	68	1.40294	72	1.25094	76	1.10494	80	0.96494	84	0.83094	88	0.70294	92	0.58094	96	0.46494	100	0.35494	104	0.25094	108	0.15294	112	0.06094	116	0.07494	120	0	1	1.04111	1	1.04111	2	1.04111	3	1.04111	4	1.04111	5	1.04111	6	1.04111	7	1.04111	8	1.04111	9	1.04111	10	1.04111	11	1.04111	12	1.04111	13	1.04111	14	1.04111	15	1.04111	16	1.04111	17	1.04111	18	1.04111	19	1.04111	20	1.04111	21	1.04111	22	1.04111	23	1.04111	24	1.04111	25	1.04111	26	1.04111	27	1.04111	28	1.04111	29	1.04111	30	1.04111	31	1.04111	32	1.04111	33	1.04111	34	1.04111	35	1.04111	36	1.04111	37	1.04111	38	1.04111	39	1.04111	40	1.04111	41	1.04111	42	1.04111	43	1.04111	44	1.04111	45	1.04111	46	1.04111	47	1.04111	48	1.04111	49	1.04111	50	1.04111	51	1.04111	52	1.04111	53	1.04111	54	1.04111	55	1.04111	56	1.04111	57	1.04111	58	1.04111	59	1.04111	60	1.04111	61	1.04111	62	1.04111	63	1.04111	64	1.04111	65	1.04111	66	1.04111	67	1.04111	68	1.04111	69	1.04111	70	1.04111	71	1.04111	72	1.04111	73	1.04111	74	1.04111	75	1.04111	76	1.04111	77	1.04111	78	1.04111	79	1.04111	80	1.04111	81	1.04111	82	1.04111	83	1.04111	84	1.04111	85	1.04111	86	1.04111	87	1.04111	88	1.04111	89	1.04111	90	1.04111	91	1.04111	92	1.04111	93	1.04111	94	1.04111	95	1.04111	96	1.04111	97	1.04111	98	1.04111	99	1.04111	100	1.04111	101	1.04111	102	1.04111	103	1.04111	104	1.04111	105	1.04111	106	1.04111	107	1.04111	108	1.04111	109	1.04111	110	1.04111	111	1.04111	112	1.04111	113	1.04111	114	1.04111	115	1.04111	116	1.04111	117	1.04111	118	1.04111	119	1.04111	120	1.04111

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT

15'-0" (RIM) OF 2' DIAMETER BALL VALVE

LOCATED NEAR CENTER OF TALK

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

INSPECTORATE AMERICA CORPORATION

Signature

INSPECTORATE AMERICA CORPORATION

STRAPPED 70/95



BARGE "EMS 311"
Enterprise Marine Services LLC

OUTAGE TABLE

2 STAR

HULL NO. 4161

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

h	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	5066.89	4801.93	4431.86	4055.53	3690.65	3320.04	2949.43	2578.82	2208.21	1837.61	1467.00	1096.39	725.78	355.17	0
1/2	5066.81	4794.24	4424.14	4048.10	3683.53	3313.32	2942.71	2572.10	2201.49	1830.89	1460.28	1089.67	718.06	347.45	0
1	5067.24	4786.54	4416.42	4040.81	3675.99	3304.60	2934.99	2564.38	2192.77	1823.16	1452.56	1080.95	710.34	339.73	0
3/4	5067.66	4778.85	4408.70	4033.60	3667.48	3295.88	2926.27	2555.66	2185.05	1814.44	1443.84	1073.23	702.62	332.01	0
1	5059.75	4771.15	4400.98	4030.37	3659.76	3289.15	2918.55	2549.24	2177.33	1806.72	1436.11	1065.51	694.90	324.29	0
1/2	5059.75	4771.15	4400.98	4030.37	3659.76	3289.15	2918.55	2549.24	2177.33	1806.72	1436.11	1065.51	694.90	324.29	0
3/4	5059.75	4771.15	4400.98	4030.37	3659.76	3289.15	2918.55	2549.24	2177.33	1806.72	1436.11	1065.51	694.90	324.29	0
2	5050.99	4762.38	4392.09	4022.65	3650.88	3280.55	2909.38	2540.22	2168.99	1798.00	1427.52	1056.00	687.46	316.57	0
1/2	5050.99	4762.38	4392.09	4022.65	3650.88	3280.55	2909.38	2540.22	2168.99	1798.00	1427.52	1056.00	687.46	316.57	0
3/4	5050.99	4762.38	4392.09	4022.65	3650.88	3280.55	2909.38	2540.22	2168.99	1798.00	1427.52	1056.00	687.46	316.57	0
3	5042.42	4753.99	4383.63	4014.93	3642.34	3271.71	2899.18	2531.10	2159.81	1789.26	1418.95	1046.31	680.85	309.85	0
1/2	5042.42	4753.99	4383.63	4014.93	3642.34	3271.71	2899.18	2531.10	2159.81	1789.26	1418.95	1046.31	680.85	309.85	0
3/4	5042.42	4753.99	4383.63	4014.93	3642.34	3271.71	2899.18	2531.10	2159.81	1789.26	1418.95	1046.31	680.85	309.85	0
4	5033.03	4745.60	4374.95	4006.44	3634.16	3262.99	2887.66	2522.63	2149.67	1780.33	1410.00	1037.33	673.13	293.13	0
1/2	5033.03	4745.60	4374.95	4006.44	3634.16	3262.99	2887.66	2522.63	2149.67	1780.33	1410.00	1037.33	673.13	293.13	0
3/4	5033.03	4745.60	4374.95	4006.44	3634.16	3262.99	2887.66	2522.63	2149.67	1780.33	1410.00	1037.33	673.13	293.13	0
5	5003.60	4737.21	4366.05	3997.78	3625.83	3254.34	2879.23	2513.87	2140.56	1771.00	1401.11	1028.66	665.44	285.69	0
1/2	5003.60	4737.21	4366.05	3997.78	3625.83	3254.34	2879.23	2513.87	2140.56	1771.00	1401.11	1028.66	665.44	285.69	0
3/4	5003.60	4737.21	4366.05	3997.78	3625.83	3254.34	2879.23	2513.87	2140.56	1771.00	1401.11	1028.66	665.44	285.69	0
6	4984.85	4728.82	4357.50	3989.11	3617.48	3245.95	2870.52	2504.50	2131.20	1762.11	1392.22	1020.00	657.78	278.08	0
1/2	4984.85	4728.82	4357.50	3989.11	3617.48	3245.95	2870.52	2504.50	2131.20	1762.11	1392.22	1020.00	657.78	278.08	0
3/4	4984.85	4728.82	4357.50	3989.11	3617.48	3245.95	2870.52	2504.50	2131.20	1762.11	1392.22	1020.00	657.78	278.08	0
7	4975.49	4720.43	4348.15	3980.23	3609.11	3237.02	2861.60	2495.55	2121.69	1753.00	1383.33	1011.33	650.11	270.94	0
1/2	4975.49	4720.43	4348.15	3980.23	3609.11	3237.02	2861.60	2495.55	2121.69	1753.00	1383.33	1011.33	650.11	270.94	0
3/4	4975.49	4720.43	4348.15	3980.23	3609.11	3237.02	2861.60	2495.55	2121.69	1753.00	1383.33	1011.33	650.11	270.94	0
8	4966.56	4712.04	4338.79	3971.38	3600.26	3228.11	2852.69	2486.60	2112.28	1744.11	1374.44	1002.44	642.44	263.01	0
1/2	4966.56	4712.04	4338.79	3971.38	3600.26	3228.11	2852.69	2486.60	2112.28	1744.11	1374.44	1002.44	642.44	263.01	0
3/4	4966.56	4712.04	4338.79	3971.38	3600.26	3228.11	2852.69	2486.60	2112.28	1744.11	1374.44	1002.44	642.44	263.01	0
9	4957.21	4703.65	4329.44	3962.52	3591.34	3219.20	2843.78	2477.70	2103.36	1735.22	1365.56	993.56	634.56	255.12	0
1/2	4957.21	4703.65	4329.44	3962.52	3591.34	3219.20	2843.78	2477.70	2103.36	1735.22	1365.56	993.56	634.56	255.12	0
3/4	4957.21	4703.65	4329.44	3962.52	3591.34	3219.20	2843.78	2477.70	2103.36	1735.22	1365.56	993.56	634.56	255.12	0
10	4947.86	4695.26	4320.09	3953.67	3582.43	3210.29	2834.87	2468.79	2094.44	1726.33	1356.65	984.65	626.65	247.19	0
1/2	4947.86	4695.26	4320.09	3953.67	3582.43	3210.29	2834.87	2468.79	2094.44	1726.33	1356.65	984.65	626.65	247.19	0
3/4	4947.86	4695.26	4320.09	3953.67	3582.43	3210.29	2834.87	2468.79	2094.44	1726.33	1356.65	984.65	626.65	247.19	0
11	4938.51	4686.87	4310.70	3945.76	3573.52	3201.38	2825.96	2459.88	2085.51	1717.38	1347.74	975.74	618.74	239.26	0
1/2	4938.51	4686.87	4310.70	3945.76	3573.52	3201.38	2825.96	2459.88	2085.51	1717.38	1347.74	975.74	618.74	239.26	0
3/4	4938.51	4686.87	4310.70	3945.76	3573.52	3201.38	2825.96	2459.88	2085.51	1717.38	1347.74	975.74	618.74	239.26	0
12	4929.16	4678.48	4301.31	3937.07	3564.61	3192.47	2817.05	2450.97	2076.56	1708.43	1338.83	966.83	610.83	231.33	0
1/2	4929.16	4678.48	4301.31	3937.07	3564.61	3192.47	2817.05	2450.97	2076.56	1708.43	1338.83	966.83	610.83	231.33	0
3/4	4929.16	4678.48	4301.31	3937.07	3564.61	3192.47	2817.05	2450.97	2076.56	1708.43	1338.83	966.83	610.83	231.33	0
13	4920.00	4670.10	4291.82	3928.18	3555.70	3183.56	2808.14	2442.06	2067.65	1700.50	1330.92	958.92	602.92	223.42	0
1/2	4920.00	4670.10	4291.82	3928.18	3555.70	3183.56	2808.14	2442.06	2067.65	1700.50	1330.92	958.92	602.92	223.42	0
3/4	4920.00	4670.10	4291.82	3928.18	3555.70	3183.56	2808.14	2442.06	2067.65	1700.50	1330.92	958.92	602.92	223.42	0
14	4910.85	4661.71	4282.33	3919.31	3546.79	3174.65	2799.23	2433.15	2058.74	1692.57	1322.01	951.01	595.01	215.51	0
1/2	4910.85	4661.71	4282.33	3919.31	3546.79	3174.65	2799.23	2433.15	2058.74	1692.57	1322.01	951.01	595.01	215.51	0
3/4	4910.85	4661.71	4282.33	3919.31	3546.79	3174.65	2799.23	2433.15	2058.74	1692.57	1322.01	951.01	595.01	215.51	0
15	4901.69	4653.33	4272.84	3910.42	3537.88	3165.74	2790.32	2424.24	2049.83	1684.66	1313.10	943.10	587.10	207.60	0
1/2	4901.69	4653.33	4272.84	3910.42	3537.88	3165.74	2790.32	2424.24	2049.83	1684.66	1313.10	943.10	587.10	207.60	0
3/4	4901.69	4653.33	4272.84	3910.42	3537.88	3165.74	2790.32	2424.24	2049.83	1684.66	1313.10	943.10	587.10	207.60	0
16	4892.52	4644.95	4263.35	3901.53	3529.02	3156.83	2781.41	2415.33	2045.92	1676.75	1304.19	935.19	579.19	199.69	0
1/2	4892.52	4644.95	4263.35	3901.53	3529.02	3156.83	2781.41	2415.33	2045.92	1676.75	1304.19	935.19	579.19	199.69	0
3/4	4892.52	4644.95	4263.35	3901.53	3529.02	3156.83	2781.41	2415.33	2045.92	1676.75	1304.19	935.19	579.19	199.69	0
17	4883.36	4636.57	4253.86	3892.64	3520.17	3147.92	2772.50	2406.42	2042.01	1668.84	1295.28	927.28	571.28	191.78	0
1/2	4883.36	4636.57	4253.86	3892.64	3520.17	3147.92	2772.50	2406.42	2042.01	1668.84	1295.28	927.28	571.28	191.78	0
3/4	4883.36	4636.57	4253.86	3892.64	3520.17	3147.92	2772.50	2406.42	2042.01	1668.84	1295.28	927.28	571.28	191.78	0
18	4874.20	4628.20	4244.37	3883.75	3511.32	3139.01	2763.59	2397.51	2038.10	1660.93	1286.37	919.37	563.37	183.87	0
1/2	4874.20	4628.20	4244.37	3883.75	3511.32	3139.01	2763.59	2397.51	2038.10	1660.93	1286.37	919.37	563.37	183.87	0
3/4	4874.20	4628.20	4244.37	3883.75	3511.32	3139.01	2763.59	2397.51	2038.10	1660.93	1286.37	919.37	563.37	183.87	0
19	4865.04	4619.84	4234.88	3874.86	3502.41	3130.10	2754.68	2388.54	2034.19	1653.02	1277.46	911.46	5		



BARGE "EMS 311"
Enterprise Marine Services LLC

OUTAGE TABLE

3 PORT OR STAR

HULL NO. 14161

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

Table with 20 columns (0 FT. to 15 FT.) and 34 rows of data. Each row contains numerical values for different gauge heights. The values are organized into groups of 5, 5, 5, 5, and 5 columns.

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT 15'-0" (R/L) OF 2" DIAMETER BALL VALVE
LOCATED (NEAR CENTER OF TANK)

STRAPPED: 75,195

WE CANNOT GUARANTEE ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE

INSPECTORATE AMERICA CORPORATION

Signature