



ISO 9002 ACCREDITED

BARGE "EMS 313"  
Enterprise Marine Services LLC

OUTAGE TABLE

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

Table with columns for gauge height (0 FT. to 14 FT.), diameter ball valve (14-11 1/4" TO RIM OF 2" DIAMETER BALL VALVE), and capacity below strike point (CAPACITIES GIVEN IN PARAGRAPHS OF 42 U.S. GALLONS). The table contains multiple rows of data for each gauge height, including volume and weight values.

\* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT: 14-11 1/4" TO RIM OF 2" DIAMETER BALL VALVE  
LOCATED NEAR CENTER OF TANK

STRAPPED- 07/05

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

HULL NO. 4163

1 PORT



**Enterprise Marine Services LLC**

**OUTAGE TABLE**

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 4183

H	F	T	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.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
			0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
0	0	0	5.01537	5.01537	4.73642	4.73642	4.38935	4.38935	4.07225	4.07225	3.68574	3.68574	3.28844	3.28844	2.83114	2.83114	2.36473	2.36473	1.83822	1.83822	1.30171	1.30171	0.74520	0.74520	0.16869	0.16869	1.44512	1.44512	1.00802	1.00802	0.57141	0.57141	0.13480	0.13480	0.69781	0.69781	0.26120	0.26120	0.82461	0.82461	0.38800	0.38800	0.95141	0.95141	0.51480	0.51480	0.07819	0.07819	1.11822	1.11822	0.68161	0.68161	0.24500	0.24500	0.80841	0.80841	0.37180	0.37180	0.93501	0.93501	0.49841	0.49841	0.06160	0.06160	1.07161	1.07161	0.64501	0.64501	0.21841	0.21841	0.77401	0.77401	0.34941	0.34941	0.89041	0.89041	0.46681	0.46681	0.05500	0.05500	1.19801	1.19801	0.76841	0.76841	0.33281	0.33281	0.90501	0.90501	0.50481	0.50481	0.04841	0.04841	1.32441	1.32441	0.85681	0.85681	0.42181	0.42181	1.01841	1.01841	0.61841	0.61841	0.19181	0.19181	1.14481	1.14481	0.73481	0.73481	0.30581	0.30581	1.04041	1.04041	0.66481	0.66481	0.23481	0.23481	1.16681	1.16681	0.78081	0.78081	0.35081	0.35081	1.17281	1.17281	0.80681	0.80681	0.27581	0.27581	1.28841	1.28841	0.85281	0.85281	0.32081	0.32081	1.40401	1.40401	0.90881	0.90881	0.37081	0.37081	1.52041	1.52041	0.96081	0.96081	0.42081	0.42081	1.63681	1.63681	1.01281	1.01281	1.04681	1.04681	0.47081	0.47081	1.75321	1.75321	1.06481	1.06481	0.52081	0.52081	1.86961	1.86961	1.11681	1.11681	0.57081	0.57081	1.98601	1.98601	1.16881	1.16881	0.62081	0.62081	2.10241	2.10241	1.22081	1.22081	0.67081	0.67081	2.21881	2.21881	1.27281	1.27281	0.72081	0.72081	2.33521	2.33521	1.32481	1.32481	0.77081	0.77081	2.45161	2.45161	1.37681	1.37681	0.82081	0.82081	2.56801	2.56801	1.42881	1.42881	0.87081	0.87081	2.68441	2.68441	1.48081	1.48081	0.92081	0.92081	2.80081	2.80081	1.53281	1.53281	0.97081	0.97081	2.91721	2.91721	1.58481	1.58481	1.02081	1.02081	3.03361	3.03361	1.63681	1.63681	1.07081	1.07081	3.15001	3.15001	1.68881	1.68881	1.12081	1.12081	3.26641	3.26641	1.74081	1.74081	1.17081	1.17081	3.38281	3.38281	1.79281	1.79281	1.22081	1.22081	3.50001	3.50001	1.84281	1.84281	1.27081	1.27081	3.61641	3.61641	1.89481	1.89481	1.32081	1.32081	3.73281	3.73281	1.94681	1.94681	1.37081	1.37081	3.84921	3.84921	2.00000	2.00000	1.42081	1.42081	3.96561	3.96561	2.05200	2.05200	1.47081	1.47081	4.08201	4.08201	2.10400	2.10400	1.52081	1.52081	4.19841	4.19841	2.15600	2.15600	1.57081	1.57081	4.31481	4.31481	2.20800	2.20800	1.62081	1.62081	4.43121	4.43121	2.26000	2.26000	1.67081	1.67081	4.54761	4.54761	2.31200	2.31200	1.72081	1.72081	4.66401	4.66401	2.36400	2.36400	1.77081	1.77081	4.78041	4.78041	2.41600	2.41600	1.82081	1.82081	4.89681	4.89681	2.46800	2.46800	1.87081	1.87081	5.01321	5.01321	2.52000	2.52000	1.92081	1.92081	5.12961	5.12961	2.57200	2.57200	1.97081	1.97081	5.24601	5.24601	2.62400	2.62400	2.02081	2.02081	5.36241	5.36241	2.67600	2.67600	2.07081	2.07081	5.47881	5.47881	2.72800	2.72800	2.12081	2.12081	5.59521	5.59521	2.78000	2.78000	2.17081	2.17081	5.71161	5.71161	2.83200	2.83200	2.22081	2.22081	5.82801	5.82801	2.88400	2.88400	2.27081	2.27081	5.94441	5.94441	2.93600	2.93600	2.32081	2.32081	6.06081	6.06081	2.98800	2.98800	2.37081	2.37081	6.17721	6.17721	3.04000	3.04000	2.42081	2.42081	6.29361	6.29361	3.09200	3.09200	2.47081	2.47081	6.41001	6.41001	3.14400	3.14400	2.52081	2.52081	6.52641	6.52641	3.19600	3.19600	2.57081	2.57081	6.64281	6.64281	3.24800	3.24800	2.62081	2.62081	6.75921	6.75921	3.30000	3.30000	2.67081	2.67081	6.87561	6.87561	3.35200	3.35200	2.72081	2.72081	6.99201	6.99201	3.40400	3.40400	2.77081	2.77081	7.10841	7.10841	3.45600	3.45600	2.82081	2.82081	7.22481	7.22481	3.50800	3.50800	2.87081	2.87081	7.34121	7.34121	3.56000	3.56000	2.92081	2.92081	7.45761	7.45761	3.61200	3.61200	2.97081	2.97081	7.57401	7.57401	3.66400	3.66400	3.02081	3.02081	7.69041	7.69041	3.71600	3.71600	3.07081	3.07081	7.80681	7.80681	3.76800	3.76800	3.12081	3.12081	7.92321	7.92321	3.82000	3.82000	3.17081	3.17081	8.03961	8.03961	3.87200	3.87200	3.22081	3.22081	8.15601	8.15601	3.92400	3.92400	3.27081	3.27081	8.27241	8.27241	3.97600	3.97600	3.32081	3.32081	8.38881	8.38881	4.02800	4.02800	3.37081	3.37081	8.50521	8.50521	4.08000	4.08000	3.42081	3.42081	8.62161	8.62161	4.13200	4.13200	3.47081	3.47081	8.73801	8.73801	4.18400	4.18400	3.52081	3.52081	8.85441	8.85441	4.23600	4.23600	3.57081	3.57081	8.97081	8.97081	4.28800	4.28800	3.62081	3.62081	9.08721	9.08721	4.34000	4.34000	3.67081	3.67081	9.20361	9.20361	4.39200	4.39200	3.72081	3.72081	9.32001	9.32001	4.44400	4.44400	3.77081	3.77081	9.43641	9.43641	4.49600	4.49600	3.82081	3.82081	9.55281	9.55281	4.54800	4.54800	3.87081	3.87081	9.66921	9.66921	4.60000	4.60000	3.92081	3.92081	9.78561	9.78561	4.65200	4.65200	3.97081	3.97081	9.90201	9.90201	4.70400	4.70400	4.02081	4.02081	10.01841	10.01841	4.75600	4.75600	4.07081	4.07081	10.13481	10.13481	4.80800	4.80800	4.12081	4.12081	10.25121	10.25121	4.86000	4.86000	4.17081	4.17081	10.36761	10.36761	4.91200	4.91200	4.22081	4.22081	10.48401	10.48401	4.96400	4.96400	4.27081	4.27081	10.60041	10.60041	5.01600	5.01600	4.32081	4.32081	10.71681	10.71681	5.06800	5.06800	4.37081	4.37081	10.83321	10.83321	5.12000	5.12000	4.42081	4.42081	10.94961	10.94961	5.17200	5.17200	4.47081	4.47081	11.06601	11.06601	5.22400	5.22400	4.52081	4.52081	11.18241	11.18241	5.27600	5.27600	4.57081	4.57081	11.29881	11.29881	5.32800	5.32800	4.62081	4.62081	11.41521	11.41521	5.38000	5.38000	4.67081	4.67081	11.53161	11.53161	5.43200	5.43200	4.72081	4.72081	11.64801	11.64801	5.48400	5.48400	4.77081	4.77081	11.76441	11.76441	5.53600	5.53600	4.82081	4.82081	11.88081	11.88081	5.58800	5.58800	4.87081	4.87081	11.99721	11.99721	5.64000	5.64000	4.92081	4.92081	12.11361	12.11361	5.69200	5.69200	4.97081	4.97081	12.23001	12.23001	5.74400	5.74400	5.02081	5.02081	12.34641	12.34641	5.79600	5.79600	5.07081	5.07081	12.46281	12.46281	5.84800	5.84800	5.12081	5.12081	12.57921	12.57921	5.89600	5.89600	5.17081	5.17081	12.69561	12.69561	5.94800	5.94800	5.22081	5.22081	12.81201	12.81201	6.00000	6.00000	5.27081	5.27081	12.92841	12.92841	6.05200	6.05200	5.32081	5.32081	13.04481	13.04481	6.10400	6.10400	5.37081	5.37081	13.16121	13.16121	6.15600	6.15600	5.42081	5.42081	13.27761	13.27761	6.20800	6.20800	5.47081	5.47081	13.39401	13.39401	6.26000	6.26000	5.52081	5.52081	13.51041	13.51041	6.31200	6.31200	5.57081	5.57081	13.62681	13.62681	6.36400	6.36400	5.62081	5.62081	13.74321	13.74321	6.41600	6.41600	5.67081	5.67081	13.85961	13.85961	6.46800	6.46800	5.72081	5.72081	13.97601	13.97601	6.52000	6.52000	5.77081	5.77081	14.09241	14.09241	6.57200	6.57200	5.82081	5.82081	14.20881	14.20881	6.62400	6.62400	5.87081	5.87081	14.32521	14.32521	6.67600	6.67600	5.92081	5.92081	14.44161	14.44161	6.72800	6.72800	5.97081	5.97081	14.55801	14.55801	6.78000	6.78000	6.02081	6.02081	14.67441	14.67441	6.83200	6.83200	6.07081	6.07081	14.79081	14.79081	6.88400	6.88400	6.12081	6.12081	14.90721	14.90721	6.93600	6.93600	6.17081	6.17081	15.02361	15.02361	6.98800	6.98800	6.22081	6.22081	15.14001	15.14001	7.04000	7.04000	6.27081	6.27081	15.25641	15.25641	7.09200	7.09200	6.32081	6.32081	15.37281	15.37281	7.14400	7.14400	6.37081	6.37081	15.48921	15.48921	7.19600	7.19600	6.42081	6.42081	15.60561	15.60561	7.24800	7.24800	6.47081	6.47081	15.72201	15.72201	7.30000	7.30000	6.52081	6.52081	15.83841	15.83841	7.35200	7.35200	6.57081







INSPECTORATE  
ISO 9002 ACCREDITED

BARGE "EMS 313"  
Enterprise Marine Services LLC

OUTAGE TABLE

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

HULL NO. 4163

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	4,181.85	4,232.77	4,283.71	4,334.65	4,385.59	4,436.53	4,487.47	4,538.41	4,589.35	4,640.29	4,691.23	4,742.17	4,793.11	4,844.05
2	4,181.85	4,232.77	4,283.71	4,334.65	4,385.59	4,436.53	4,487.47	4,538.41	4,589.35	4,640.29	4,691.23	4,742.17	4,793.11	4,844.05
3	4,181.85	4,232.77	4,283.71	4,334.65	4,385.59	4,436.53	4,487.47	4,538.41	4,589.35	4,640.29	4,691.23	4,742.17	4,793.11	4,844.05
4	4,181.85	4,232.77	4,283.71	4,334.65	4,385.59	4,436.53	4,487.47	4,538.41	4,589.35	4,640.29	4,691.23	4,742.17	4,793.11	4,844.05
5	4,181.85	4,232.77	4,283.71	4,334.65	4,385.59	4,436.53	4,487.47	4,538.41	4,589.35	4,640.29	4,691.23	4,742.17	4,793.11	4,844.05
6	4,181.85	4,232.77	4,283.71	4,334.65	4,385.59	4,436.53	4,487.47	4,538.41	4,589.35	4,640.29	4,691.23	4,742.17	4,793.11	4,844.05
7	4,181.85	4,232.77	4,283.71	4,334.65	4,385.59	4,436.53	4,487.47	4,538.41	4,589.35	4,640.29	4,691.23	4,742.17	4,793.11	4,844.05
8	4,181.85	4,232.77	4,283.71	4,334.65	4,385.59	4,436.53	4,487.47	4,538.41	4,589.35	4,640.29	4,691.23	4,742.17	4,793.11	4,844.05
9	4,181.85	4,232.77	4,283.71	4,334.65	4,385.59	4,436.53	4,487.47	4,538.41	4,589.35	4,640.29	4,691.23	4,742.17	4,793.11	4,844.05
10	4,181.85	4,232.77	4,283.71	4,334.65	4,385.59	4,436.53	4,487.47	4,538.41	4,589.35	4,640.29	4,691.23	4,742.17	4,793.11	4,844.05
11	4,181.85	4,232.77	4,283.71	4,334.65	4,385.59	4,436.53	4,487.47	4,538.41	4,589.35	4,640.29	4,691.23	4,742.17	4,793.11	4,844.05
12	4,181.85	4,232.77	4,283.71	4,334.65	4,385.59	4,436.53	4,487.47	4,538.41	4,589.35	4,640.29	4,691.23	4,742.17	4,793.11	4,844.05
13	4,181.85	4,232.77	4,283.71	4,334.65	4,385.59	4,436.53	4,487.47	4,538.41	4,589.35	4,640.29	4,691.23	4,742.17	4,793.11	4,844.05
14	4,181.85	4,232.77	4,283.71	4,334.65	4,385.59	4,436.53	4,487.47	4,538.41	4,589.35	4,640.29	4,691.23	4,742.17	4,793.11	4,844.05

\* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT: 14'-11 3/4" (TO 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

INSPECTORATE AMERICA CORPORATION

STRAPPED: 9/7/05