

**E. W. SAYBOLT & CO., INC.**

General Headquarters  
400 Swenson Drive  
Kenilworth, N. J. 07033

**BARGE MM-27**  
**MAGNOLIA MARINE TRANSPORT**

**TANK 1**

COMPUTED IN U. S. GALLONS

INNAGE TABLE

GAGE HEIGHT - 15'-7 7/8"

IN.	0 FT.	IN.	1 FT.	IN.	2 FT.	IN.	3 FT.	IN.	4 FT.	IN.	5 FT.	IN.	6 FT.	IN.	7 FT.	IN.	8 FT.	IN.	9 FT.
0	18	0	13.702	0	31.350	0	49.000	0	66.652	0	84.304	0	101.956	0	119.609	0	137.261	0	154.913
1/4	45	1/4	14.089	1/4	31.718	1/4	49.388	1/4	67.020	1/4	84.671	1/4	102.324	1/4	119.977	1/4	137.629	1/4	155.281
1/2	91	1/2	14.437	1/2	32.085	1/2	49.735	1/2	67.388	1/2	85.039	1/2	102.692	1/2	120.344	1/2	137.997	1/2	155.648
3/4	156	3/4	14.805	3/4	32.453	3/4	50.103	3/4	67.758	3/4	85.407	3/4	103.080	3/4	120.712	3/4	138.365	3/4	156.016
1	238	1	15.172	1	32.821	1	50.471	1	68.123	1	85.775	1	103.427	1	121.080	1	138.733	1	156.384
1/4	340	1/4	15.540	1/4	33.188	1/4	50.839	1/4	68.491	1/4	86.142	1/4	103.795	1/4	121.448	1/4	139.100	1/4	156.752
1/2	459	1/2	15.908	1/2	33.556	1/2	51.206	1/2	68.859	1/2	86.510	1/2	104.163	1/2	121.815	1/2	139.468	1/2	157.119
3/4	597	3/4	16.276	3/4	33.924	3/4	51.574	3/4	69.227	3/4	86.878	3/4	104.531	3/4	122.183	3/4	139.836	3/4	157.487
2	753	2	16.643	2	34.292	2	51.942	2	69.594	2	87.246	2	104.898	2	122.551	2	140.204	2	157.855
1/4	928	1/4	17.011	1/4	34.659	1/4	52.310	1/4	69.962	1/4	87.614	1/4	105.266	1/4	122.919	1/4	140.571	1/4	158.223
1/2	1,121	1/2	17.379	1/2	35.027	1/2	52.677	1/2	70.330	1/2	87.981	1/2	105.634	1/2	123.286	1/2	140.939	1/2	158.590
3/4	1,332	3/4	17.746	3/4	35.395	3/4	53.045	3/4	70.698	3/4	88.349	3/4	106.002	3/4	123.654	3/4	141.307	3/4	158.958
3	1,562	3	18.114	3	35.762	3	53.413	3	71.066	3	88.717	3	106.369	3	124.022	3	141.675	3	159.326
1/4	1,811	1/4	18.482	1/4	36.130	1/4	53.781	1/4	71.433	1/4	89.085	1/4	106.737	1/4	124.390	1/4	142.042	1/4	159.694
1/2	2,077	1/2	18.849	1/2	36.498	1/2	54.148	1/2	71.801	1/2	89.452	1/2	107.105	1/2	124.758	1/2	142.410	1/2	160.061
3/4	2,362	3/4	19.217	3/4	36.866	3/4	54.516	3/4	72.169	3/4	89.820	3/4	107.473	3/4	125.125	3/4	142.778	3/4	160.429
4	2,645	4	19.585	4	37.233	4	54.884	4	72.537	4	90.188	4	107.840	4	125.493	4	143.146	4	160.797
1/4	2,947	1/4	19.952	1/4	37.601	1/4	55.252	1/4	72.904	1/4	90.556	1/4	108.208	1/4	125.861	1/4	143.513	1/4	161.165
1/2	3,267	1/2	20.320	1/2	37.969	1/2	55.619	1/2	73.272	1/2	90.923	1/2	108.576	1/2	126.229	1/2	143.881	1/2	161.533
3/4	3,605	3/4	20.688	3/4	38.336	3/4	55.987	3/4	73.640	3/4	91.291	3/4	108.944	3/4	126.596	3/4	144.249	3/4	161.900
5	3,953	5	21.055	5	38.704	5	56.355	5	74.008	5	91.659	5	109.312	5	126.964	5	144.617	5	162.268
1/4	4,300	1/4	21.423	1/4	39.072	1/4	56.723	1/4	74.375	1/4	92.027	1/4	109.679	1/4	127.332	1/4	144.984	1/4	162.636
1/2	4,647	1/2	21.790	1/2	39.439	1/2	57.091	1/2	74.743	1/2	92.394	1/2	110.047	1/2	127.700	1/2	145.352	1/2	163.004
3/4	4,995	3/4	22.158	3/4	39.807	3/4	57.458	3/4	75.111	3/4	92.762	3/4	110.415	3/4	128.067	3/4	145.720	3/4	163.371
6	5,342	6	22.526	6	40.175	6	57.826	6	75.479	6	93.130	6	110.783	6	128.435	6	146.088	6	163.739
1/4	5,690	1/4	22.893	1/4	40.543	1/4	58.194	1/4	75.846	1/4	93.498	1/4	111.150	1/4	128.803	1/4	146.456	1/4	164.107
1/2	6,037	1/2	23.261	1/2	40.910	1/2	58.562	1/2	76.214	1/2	93.865	1/2	111.518	1/2	129.171	1/2	146.823	1/2	164.475
3/4	6,385	3/4	23.629	3/4	41.278	3/4	58.929	3/4	76.582	3/4	94.233	3/4	111.886	3/4	129.538	3/4	147.191	3/4	164.842
7	6,732	7	23.996	7	41.646	7	59.297	7	76.950	7	94.601	7	112.254	7	129.906	7	147.559	7	165.210
1/4	7,080	1/4	24.364	1/4	42.013	1/4	59.665	1/4	77.317	1/4	94.969	1/4	112.621	1/4	130.274	1/4	147.927	1/4	165.578
1/2	7,427	1/2	24.732	1/2	42.381	1/2	60.033	1/2	77.685	1/2	95.337	1/2	112.989	1/2	130.642	1/2	148.294	1/2	165.946
3/4	7,775	3/4	25.099	3/4	42.749	3/4	60.400	3/4	78.053	3/4	95.704	3/4	113.357	3/4	131.010	3/4	148.662	3/4	166.313
8	8,122	8	25.467	8	43.116	8	60.768	8	78.421	8	96.072	8	113.725	8	131.377	8	149.030	8	166.681
1/4	8,489	1/4	25.835	1/4	43.484	1/4	61.136	1/4	78.789	1/4	96.440	1/4	114.092	1/4	131.745	1/4	149.397	1/4	167.049
1/2	8,817	1/2	26.203	1/2	43.852	1/2	61.504	1/2	79.156	1/2	96.808	1/2	114.460	1/2	132.113	1/2	149.765	1/2	167.417
3/4	9,164	3/4	26.570	3/4	44.220	3/4	61.871	3/4	79.524	3/4	97.175	3/4	114.828	3/4	132.481	3/4	150.133	3/4	167.784
9	9,512	9	26.938	9	44.587	9	62.239	9	79.892	9	97.543	9	115.196	9	132.848	9	150.500	9	168.152
1/4	9,859	1/4	27.306	1/4	44.955	1/4	62.607	1/4	80.260	1/4	97.911	1/4	115.563	1/4	133.216	1/4	150.868	1/4	168.520
1/2	10,207	1/2	27.673	1/2	45.323	1/2	62.975	1/2	80.627	1/2	98.279	1/2	115.931	1/2	133.584	1/2	151.236	1/2	168.888
3/4	10,554	3/4	28.041	3/4	45.690	3/4	63.343	3/4	80.995	3/4	98.646	3/4	116.299	3/4	133.952	3/4	151.603	3/4	169.256
10	10,902	10	28.409	10	46.058	10	63.710	10	81.363	10	99.014	10	116.667	10	134.319	10	151.971	10	169.623
1/4	11,249	1/4	28.776	1/4	46.426	1/4	64.078	1/4	81.730	1/4	99.382	1/4	117.035	1/4	134.687	1/4	152.338	1/4	169.991
1/2	11,597	1/2	29.144	1/2	46.793	1/2	64.446	1/2	82.098	1/2	99.750	1/2	117.402	1/2	135.055	1/2	152.706	1/2	170.359
3/4	11,944	3/4	29.512	3/4	47.161	3/4	64.814	3/4	82.466	3/4	100.117	3/4	117.770	3/4	135.423	3/4	153.074	3/4	170.727
11	12,292	11	29.879	11	47.529	11	65.181	11	82.833	11	100.485	11	118.138	11	135.790	11	153.442	11	171.094
1/4	12,639	1/4	30.247	1/4	47.897	1/4	65.549	1/4	83.201	1/4	100.853	1/4	118.506	1/4	136.158	1/4	153.809	1/4	171.462
1/2	12,986	1/2	30.615	1/2	48.264	1/2	65.917	1/2	83.569	1/2	101.221	1/2	118.873	1/2	136.526	1/2	154.177	1/2	171.830
3/4	13,334	3/4	30.982	3/4	48.632	3/4	66.285	3/4	83.936	3/4	101.589	3/4	119.241	3/4	136.894	3/4	154.545	3/4	172.198

SHEET 1 OF 10 SHEETS

GAGE LOCATION 1'-4" OFF CENTERLINE BULKHEAD AND 3'-4" FROM AFT. BULKHEAD.

COMPUTED BY: JW 02/28/91  
CHECKED BY: SJK 02/28/91  
STRAPPED BY: PLB & JAB 02/21/91

DATE OF ISSUE - MARCH 1, 1991

E. W. SAYBOLT & CO., INC.

*Steven J. Kipil*

**E. W. SAYBOLT & CO., INC.**

General Headquarters  
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**BARGE MM-27**  
**MAGNOLIA MARINE TRANSPORT**

**TANK 1**

COMPUTED IN U. S. GALLONS

INNAGE TABLE

GAGE HEIGHT - 15'-7 7/8"

IN.	10 FT.	IN.	11 FT.	IN.	12 FT.	IN.	13 FT.													
0	172.585	0	190.218	0	207.871	0	225.513													
1/4	172.833	1/4	190.586	1/4	208.238	1/4	225.868													
1/2	173.301	1/2	190.954	1/2	208.606	1/2	226.208													
3/4	173.689	3/4	191.321	3/4	208.974	3/4	226.539													
1	174.036	1	191.689	1	209.342	1	226.861													
1/4	174.404	1/4	192.057	1/4	209.709	1/4	227.172													
1/2	174.772	1/2	192.425	1/2	210.077	1/2	227.474													
3/4	175.140	3/4	192.792	3/4	210.445	3/4	227.764													
2	175.507	2	193.160	2	210.813	2	228.045													
1/4	175.875	1/4	193.528	1/4	211.180	1/4	228.316													
1/2	176.243	1/2	193.896	1/2	211.548	1/2	228.576													
3/4	176.611	3/4	194.263	3/4	211.916	3/4	228.826													
3	176.979	3	194.631	3	212.284	3	229.066													
1/4	177.346	1/4	194.999	1/4	212.651	1/4	229.295													
1/2	177.714	1/2	195.367	1/2	213.019	1/2	229.515													
3/4	178.082	3/4	195.734	3/4	213.387	3/4	229.724													
4	178.450	4	196.102	4	213.755	4	229.923													
1/4	178.817	1/4	196.470	1/4	214.123	1/4	230.112													
1/2	179.185	1/2	196.838	1/2	214.490	1/2	230.290													
3/4	179.553	3/4	197.205	3/4	214.858	3/4	230.458													
5	179.921	5	197.573	5	215.226	5	230.617													
1/4	180.288	1/4	197.941	1/4	215.594	1/4	230.764													
1/2	180.656	1/2	198.309	1/2	215.961	1/2	230.902													
3/4	181.024	3/4	198.677	3/4	216.329	3/4	231.029													
6	181.392	6	199.044	6	216.697	6	231.147													
1/4	181.759	1/4	199.412	1/4	217.064	1/4	231.254													
1/2	182.127	1/2	199.780	1/2	217.432	1/2	231.350													
3/4	182.495	3/4	200.148	3/4	217.799	3/4	231.437													
7	182.863	7	200.515	7	218.167	7	231.513													
1/4	183.230	1/4	200.883	1/4	218.535	1/4	231.579													
1/2	183.598	1/2	201.251	1/2	218.902	1/2	231.635													
3/4	183.966	3/4	201.619	3/4	219.270	3/4	231.681													
8	184.334	8	201.986	8	219.637	8	231.717													
1/4	184.702	1/4	202.354	1/4	220.005															
1/2	185.069	1/2	202.722	1/2	220.372															
3/4	185.437	3/4	203.090	3/4	220.740															
9	185.805	9	203.457	9	221.108															
1/4	186.173	1/4	203.825	1/4	221.475															
1/2	186.540	1/2	204.193	1/2	221.843															
3/4	186.908	3/4	204.561	3/4	222.210															
10	187.276	10	204.928	10	222.578															
1/4	187.644	1/4	205.296	1/4	222.945															
1/2	188.011	1/2	205.664	1/2	223.313															
3/4	188.379	3/4	206.032	3/4	223.681															
11	188.747	11	206.400	11	224.048															
1/4	189.115	1/4	206.767	1/4	224.416															
1/2	189.482	1/2	207.135	1/2	224.783															
3/4	189.850	3/4	207.503	3/4	225.151															

SHEET 2 OF 10 SHEETS

GAGE LOCATION 1'-4" OFF CENTERLINE BULKHEAD AND 3'-4"  
FROM AFT. BULKHEAD.

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**BARGE MM-27**  
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**TANK 2**

COMPUTED IN U. S. GALLONS

INNAGE TABLE

GAGE HEIGHT - 15'-7 5/8"

IN.	0 FT.	IN.	1 FT.	IN.	2 FT.	IN.	3 FT.	IN.	4 FT.	IN.	5 FT.	IN.	6 FT.	IN.	7 FT.	IN.	8 FT.	IN.	9 FT.
0	19	0	15,011	0	34,275	0	53,541	0	72,810	0	92,077	0	111,346	0	130,615	0	149,883	0	169,151
1/4	49	1/4	15,412	1/4	34,677	1/4	53,943	1/4	73,211	1/4	92,479	1/4	111,747	1/4	131,016	1/4	150,285	1/4	169,552
1/2	99	1/2	15,814	1/2	35,078	1/2	54,344	1/2	73,613	1/2	92,880	1/2	112,149	1/2	131,417	1/2	150,686	1/2	169,953
3/4	189	3/4	16,215	3/4	35,480	3/4	54,746	3/4	74,014	3/4	93,282	3/4	112,550	3/4	131,819	3/4	151,088	3/4	170,355
1	259	1	16,617	1	35,881	1	55,147	1	74,416	1	93,683	1	112,952	1	132,220	1	151,489	1	170,763
1/4	370	1/4	17,018	1/4	36,282	1/4	55,548	1/4	74,817	1/4	94,084	1/4	113,353	1/4	132,622	1/4	151,890	1/4	171,158
1/2	500	1/2	17,419	1/2	36,684	1/2	55,950	1/2	75,219	1/2	94,486	1/2	113,755	1/2	133,023	1/2	152,292	1/2	171,559
3/4	651	3/4	17,821	3/4	37,085	3/4	56,351	3/4	75,620	3/4	94,887	3/4	114,156	3/4	133,425	3/4	152,693	3/4	171,961
2	821	2	18,222	2	37,486	2	56,753	2	76,021	2	95,289	2	114,557	2	133,826	2	153,095	2	172,362
1/4	1,012	1/4	18,623	1/4	37,888	1/4	57,154	1/4	76,423	1/4	95,690	1/4	114,959	1/4	134,227	1/4	153,496	1/4	172,764
1/2	1,223	1/2	19,025	1/2	38,289	1/2	57,556	1/2	76,824	1/2	96,092	1/2	115,360	1/2	134,629	1/2	153,898	1/2	173,165
3/4	1,454	3/4	19,428	3/4	38,691	3/4	57,957	3/4	77,226	3/4	96,493	3/4	115,762	3/4	135,030	3/4	154,299	3/4	173,566
3	1,705	3	19,828	3	39,092	3	58,358	3	77,627	3	96,894	3	116,163	3	135,432	3	154,700	3	173,968
1/4	1,976	1/4	20,229	1/4	39,493	1/4	58,760	1/4	78,029	1/4	97,296	1/4	116,565	1/4	135,833	1/4	155,102	1/4	174,369
1/2	2,267	1/2	20,630	1/2	39,895	1/2	59,161	1/2	78,430	1/2	97,697	1/2	116,966	1/2	136,235	1/2	155,503	1/2	174,771
3/4	2,578	3/4	21,032	3/4	40,296	3/4	59,563	3/4	78,831	3/4	98,099	3/4	117,367	3/4	136,636	3/4	155,905	3/4	175,172
4	2,889	4	21,433	4	40,697	4	59,964	4	79,233	4	98,500	4	117,769	4	137,037	4	156,306	4	175,574
1/4	3,219	1/4	21,834	1/4	41,099	1/4	60,366	1/4	79,634	1/4	98,902	1/4	118,170	1/4	137,439	1/4	156,708	1/4	175,975
1/2	3,570	1/2	22,235	1/2	41,500	1/2	60,767	1/2	80,036	1/2	99,303	1/2	118,572	1/2	137,840	1/2	157,109	1/2	176,376
3/4	3,941	3/4	22,637	3/4	41,901	3/4	61,168	3/4	80,437	3/4	99,704	3/4	118,973	3/4	138,242	3/4	157,510	3/4	176,778
5	4,322	5	23,038	5	42,303	5	61,570	5	80,839	5	100,106	5	119,375	5	138,643	5	157,912	5	177,179
1/4	4,703	1/4	23,439	1/4	42,704	1/4	61,971	1/4	81,240	1/4	100,507	1/4	119,776	1/4	139,045	1/4	158,313	1/4	177,581
1/2	5,084	1/2	23,841	1/2	43,106	1/2	62,373	1/2	81,641	1/2	100,909	1/2	120,177	1/2	139,446	1/2	158,715	1/2	177,982
3/4	5,465	3/4	24,242	3/4	43,507	3/4	62,774	3/4	82,043	3/4	101,310	3/4	120,579	3/4	139,848	3/4	159,116	3/4	178,384
6	5,846	6	24,643	6	43,908	6	63,176	6	82,444	6	101,712	6	120,980	6	140,249	6	159,518	6	178,785
1/4	6,227	1/4	25,045	1/4	44,310	1/4	63,577	1/4	82,846	1/4	102,113	1/4	121,382	1/4	140,650	1/4	159,919	1/4	179,186
1/2	6,608	1/2	25,446	1/2	44,711	1/2	63,978	1/2	83,247	1/2	102,514	1/2	121,783	1/2	141,052	1/2	160,320	1/2	179,588
3/4	6,989	3/4	25,847	3/4	45,112	3/4	64,380	3/4	83,649	3/4	102,916	3/4	122,185	3/4	141,453	3/4	160,722	3/4	179,989
7	7,370	7	26,249	7	45,514	7	64,781	7	84,050	7	103,317	7	122,586	7	141,855	7	161,123	7	180,391
1/4	7,751	1/4	26,650	1/4	45,915	1/4	65,183	1/4	84,451	1/4	103,719	1/4	122,987	1/4	142,256	1/4	161,525	1/4	180,792
1/2	8,132	1/2	27,051	1/2	46,317	1/2	65,584	1/2	84,853	1/2	104,120	1/2	123,389	1/2	142,658	1/2	161,926	1/2	181,194
3/4	8,513	3/4	27,453	3/4	46,718	3/4	65,986	3/4	85,254	3/4	104,522	3/4	123,790	3/4	143,059	3/4	162,328	3/4	181,595
8	8,895	8	27,854	8	47,119	8	66,387	8	85,656	8	104,923	8	124,192	8	143,460	8	162,729	8	181,996
1/4	9,276	1/4	28,255	1/4	47,521	1/4	66,788	1/4	86,057	1/4	105,325	1/4	124,593	1/4	143,862	1/4	163,130	1/4	182,398
1/2	9,657	1/2	28,657	1/2	47,922	1/2	67,190	1/2	86,459	1/2	105,726	1/2	124,995	1/2	144,263	1/2	163,532	1/2	182,799
3/4	10,038	3/4	29,058	3/4	48,323	3/4	67,591	3/4	86,860	3/4	106,127	3/4	125,396	3/4	144,665	3/4	163,933	3/4	183,201
9	10,419	9	29,459	9	48,725	9	67,993	9	87,261	9	106,529	9	125,797	9	145,066	9	164,334	9	183,602
1/4	10,800	1/4	29,861	1/4	49,126	1/4	68,394	1/4	87,663	1/4	106,930	1/4	126,199	1/4	145,468	1/4	164,735	1/4	184,004
1/2	11,181	1/2	30,262	1/2	49,528	1/2	68,796	1/2	88,064	1/2	107,332	1/2	126,600	1/2	145,869	1/2	165,137	1/2	184,405
3/4	11,582	3/4	30,663	3/4	49,929	3/4	69,197	3/4	88,466	3/4	107,733	3/4	127,002	3/4	146,270	3/4	165,538	3/4	184,806
10	11,943	10	31,065	10	50,330	10	69,598	10	88,867	10	108,135	10	127,403	10	146,672	10	165,939	10	185,208
1/4	12,324	1/4	31,466	1/4	50,732	1/4	70,000	1/4	89,268	1/4	108,536	1/4	127,805	1/4	147,073	1/4	166,341	1/4	185,609
1/2	12,705	1/2	31,867	1/2	51,133	1/2	70,401	1/2	89,670	1/2	108,937	1/2	128,206	1/2	147,475	1/2	166,742	1/2	186,011
3/4	13,086	3/4	32,269	3/4	51,534	3/4	70,803	3/4	90,071	3/4	109,339	3/4	128,607	3/4	147,876	3/4	167,143	3/4	186,412
11	13,467	11	32,670	11	51,936	11	71,204	11	90,472	11	109,740	11	129,009	11	148,278	11	167,545	11	186,814
1/4	13,848	1/4	33,071	1/4	52,337	1/4	71,606	1/4	90,874	1/4	110,142	1/4	129,410	1/4	148,679	1/4	167,946	1/4	187,215
1/2	14,229	1/2	33,473	1/2	52,738	1/2	72,007	1/2	91,275	1/2	110,543	1/2	129,812	1/2	149,080	1/2	168,348	1/2	187,616
3/4	14,610	3/4	33,874	3/4	53,140	3/4	72,409	3/4	91,676	3/4	110,945	3/4	130,213	3/4	149,482	3/4	168,749	3/4	188,018

SHEET 3 OF 10 SHEETS

GAGE LOCATION 1'-4" OFF CENTERLINE BULKHEAD AND 3'-4" FROM AFT. BULKHEAD.

COMPUTED BY: JW 02/28/91  
CHECKED BY: SJK 02/28/91  
STRAPPED BY: PLB & JAB 02/21/91

DATE OF ISSUE - MARCH 1, 1991

E. W. SAYBOLT & CO., INC.

**E. W. SAYBOLT & CO., INC.**

General Headquarters  
400 Swenson Drive  
Kenilworth, N. J. 07033

**BARGE MM-27**  
**MAGNOLIA MARINE TRANSPORT**

**TANK 2**

COMPUTED IN U. S. GALLONS

INNAGE TABLE

GAGE HEIGHT - 15'-7 5/8"

IN.	10 FT.	IN.	11 FT.	IN.	12 FT.	IN.	13 FT.													
0	188.419	0	207.688	0	228.957	0	248.221													
1/4	188.821	1/4	208.089	1/4	227.358	1/4	246.618													
1/2	189.222	1/2	208.491	1/2	227.759	1/2	247.001													
3/4	189.624	3/4	208.892	3/4	228.161	3/4	247.374													
1	190.025	1	209.294	1	228.562	1	247.736													
1/4	190.426	1/4	209.695	1/4	228.964	1/4	248.087													
1/2	190.828	1/2	210.097	1/2	229.365	1/2	248.427													
3/4	191.229	3/4	210.498	3/4	229.767	3/4	248.756													
2	191.631	2	210.899	2	230.168	2	249.073													
1/4	192.032	1/4	211.301	1/4	230.569	1/4	249.380													
1/2	192.434	1/2	211.702	1/2	230.971	1/2	249.675													
3/4	192.835	3/4	212.104	3/4	231.372	3/4	249.959													
3	193.236	3	212.505	3	231.774	3	250.232													
1/4	193.638	1/4	212.907	1/4	232.175	1/4	250.494													
1/2	194.039	1/2	213.308	1/2	232.577	1/2	250.745													
3/4	194.441	3/4	213.709	3/4	232.978	3/4	250.984													
4	194.842	4	214.111	4	233.379	4	251.213													
1/4	195.244	1/4	214.512	1/4	233.781	1/4	251.430													
1/2	195.645	1/2	214.914	1/2	234.182	1/2	251.636													
3/4	196.046	3/4	215.315	3/4	234.584	3/4	251.831													
5	196.448	5	215.717	5	234.985	5	252.014													
1/4	196.849	1/4	216.118	1/4	235.387	1/4	252.187													
1/2	197.251	1/2	216.519	1/2	235.788	1/2	252.348													
3/4	197.652	3/4	216.921	3/4	236.190	3/4	252.499													
6	198.054	6	217.322	6	236.591	6	252.638													
1/4	198.455	1/4	217.724	1/4	236.992	1/4	252.766													
1/2	198.856	1/2	218.125	1/2	237.393	1/2	252.882													
3/4	199.258	3/4	218.527	3/4	237.794	3/4	252.988													
7	199.659	7	218.928	7	238.196	7	253.083													
1/4	200.061	1/4	219.329	1/4	238.597	1/4	253.166													
1/2	200.462	1/2	219.731	1/2	238.998	1/2	253.238													
3/4	200.864	3/4	220.132	3/4	239.399	3/4	253.299													
8	201.265	8	220.534	8	239.801	8	253.349													
1/4	201.666	1/4	220.935	1/4	240.202															
1/2	202.068	1/2	221.337	1/2	240.603															
3/4	202.469	3/4	221.738	3/4	241.004															
9	202.871	9	222.139	9	241.406															
1/4	203.272	1/4	222.541	1/4	241.807															
1/2	203.674	1/2	222.942	1/2	242.208															
3/4	204.075	3/4	223.344	3/4	242.609															
10	204.477	10	223.745	10	243.011															
1/4	204.878	1/4	224.147	1/4	243.412															
1/2	205.279	1/2	224.548	1/2	243.813															
3/4	205.681	3/4	224.949	3/4	244.214															
11	206.082	11	225.351	11	244.616															
1/4	206.484	1/4	225.752	1/4	245.017															
1/2	206.885	1/2	226.154	1/2	245.418															
3/4	207.287	3/4	226.555	3/4	245.819															

SHEET 4 OF 10 SHEETS

GAGE LOCATION 1'-4" OFF CENTERLINE BULKHEAD AND 3'-4" FROM AFT. BULKHEAD.

COMPUTED BY: JW 02/28/91  
CHECKED BY: SJK 02/28/91  
STRAPPED BY: PLB & JAB 02/21/91

DATE OF ISSUE - MARCH 1, 1991

E. W. SAYBOLT & CO., INC.

*Steven J. Kopel*

**E. W. SAYBOLT & CO., INC.**

General Headquarters  
400 Swenson Drive  
Kenilworth, N. J. 07033

**BARGE MM-27**  
MAGNOLIA MARINE TRANSPORT

**TANK 3**

COMPUTED IN U. S. GALLONS

INNAGE TABLE

GAGE HEIGHT - 15'-7 3/4"

IN.	0 FT.	IN.	1 FT.	IN.	2 FT.	IN.	3 FT.	IN.	4 FT.	IN.	5 FT.	IN.	6 FT.	IN.	7 FT.	IN.	8 FT.	IN.	9 FT.
0	19	0	14.989	0	34.305	0	53.587	0	72.908	0	92.227	0	111.548	0	130.868	0	150.189	0	169.508
1/4	49	1/4	15.391	1/4	34.707	1/4	53.990	1/4	73.310	1/4	92.630	1/4	111.950	1/4	131.271	1/4	150.591	1/4	169.911
1/2	99	1/2	15.794	1/2	35.109	1/2	54.392	1/2	73.713	1/2	93.032	1/2	112.353	1/2	131.673	1/2	150.994	1/2	170.313
3/4	170	3/4	16.196	3/4	35.510	3/4	54.795	3/4	74.115	3/4	93.435	3/4	112.755	3/4	132.076	3/4	151.396	3/4	170.716
1	280	1	16.599	1	35.912	1	55.197	1	74.518	1	93.837	1	113.158	1	132.478	1	151.799	1	171.119
1/4	371	1/4	17.001	1/4	36.314	1/4	55.600	1/4	74.920	1/4	94.240	1/4	113.560	1/4	132.881	1/4	152.202	1/4	171.521
1/2	502	1/2	17.404	1/2	36.715	1/2	56.002	1/2	75.323	1/2	94.642	1/2	113.963	1/2	133.283	1/2	152.604	1/2	171.923
3/4	653	3/4	17.806	3/4	37.117	3/4	56.405	3/4	75.725	3/4	95.045	3/4	114.365	3/4	133.686	3/4	153.007	3/4	172.326
2	824	2	18.209	2	37.519	2	56.807	2	76.128	2	95.447	2	114.768	2	134.088	2	153.409	2	172.728
1/4	1,015	1/4	18.611	1/4	37.921	1/4	57.210	1/4	76.530	1/4	95.850	1/4	115.170	1/4	134.491	1/4	153.812	1/4	173.131
1/2	1,226	1/2	19.013	1/2	38.322	1/2	57.612	1/2	76.933	1/2	96.252	1/2	115.573	1/2	134.893	1/2	154.214	1/2	173.533
3/4	1,458	3/4	19.416	3/4	38.724	3/4	58.015	3/4	77.335	3/4	96.655	3/4	115.975	3/4	135.296	3/4	154.617	3/4	173.936
3	1,709	3	19.818	3	39.126	3	58.417	3	77.738	3	97.057	3	116.378	3	135.698	3	155.019	3	174.338
1/4	1,981	1/4	20.221	1/4	39.527	1/4	58.820	1/4	78.140	1/4	97.460	1/4	116.780	1/4	136.101	1/4	155.422	1/4	174.741
1/2	2,273	1/2	20.623	1/2	39.929	1/2	59.222	1/2	78.543	1/2	97.862	1/2	117.183	1/2	136.503	1/2	155.824	1/2	175.143
3/4	2,585	3/4	21.026	3/4	40.331	3/4	59.625	3/4	78.945	3/4	98.265	3/4	117.585	3/4	136.906	3/4	156.227	3/4	175.546
4	2,896	4	21.428	4	40.732	4	60.027	4	79.348	4	98.667	4	117.988	4	137.309	4	156.629	4	175.948
1/4	3,226	1/4	21.830	1/4	41.134	1/4	60.430	1/4	79.750	1/4	99.070	1/4	118.390	1/4	137.711	1/4	157.032	1/4	176.351
1/2	3,576	1/2	22.233	1/2	41.536	1/2	60.832	1/2	80.153	1/2	99.472	1/2	118.793	1/2	138.114	1/2	157.434	1/2	176.754
3/4	3,946	3/4	22.635	3/4	41.938	3/4	61.235	3/4	80.555	3/4	99.875	3/4	119.195	3/4	138.516	3/4	157.837	3/4	177.156
5	4,326	5	23.038	5	42.339	5	61.637	5	80.958	5	100.277	5	119.598	5	138.919	5	158.239	5	177.559
1/4	4,706	1/4	23.440	1/4	42.741	1/4	62.040	1/4	81.360	1/4	100.680	1/4	120.000	1/4	139.321	1/4	158.642	1/4	177.961
1/2	5,086	1/2	23.842	1/2	43.143	1/2	62.442	1/2	81.763	1/2	101.082	1/2	120.403	1/2	139.724	1/2	159.044	1/2	178.364
3/4	5,466	3/4	24.245	3/4	43.544	3/4	62.845	3/4	82.165	3/4	101.485	3/4	120.805	3/4	140.126	3/4	159.447	3/4	178.766
6	5,846	6	24.647	6	43.946	6	63.247	6	82.568	6	101.887	6	121.208	6	140.529	6	159.849	6	179.169
1/4	6,227	1/4	25.049	1/4	44.348	1/4	63.650	1/4	82.970	1/4	102.290	1/4	121.610	1/4	140.931	1/4	160.252	1/4	179.571
1/2	6,607	1/2	25.452	1/2	44.750	1/2	64.052	1/2	83.373	1/2	102.692	1/2	122.013	1/2	141.334	1/2	160.654	1/2	179.974
3/4	6,987	3/4	25.854	3/4	45.151	3/4	64.455	3/4	83.776	3/4	103.095	3/4	122.416	3/4	141.736	3/4	161.057	3/4	180.376
7	7,367	7	26.257	7	45.553	7	64.857	7	84.178	7	103.497	7	122.818	7	142.139	7	161.459	7	180.779
1/4	7,747	1/4	26.659	1/4	45.955	1/4	65.260	1/4	84.581	1/4	103.900	1/4	123.221	1/4	142.541	1/4	161.862	1/4	181.181
1/2	8,127	1/2	27.062	1/2	46.358	1/2	65.662	1/2	84.983	1/2	104.302	1/2	123.623	1/2	142.944	1/2	162.264	1/2	181.584
3/4	8,507	3/4	27.464	3/4	46.758	3/4	66.065	3/4	85.386	3/4	104.705	3/4	124.026	3/4	143.346	3/4	162.667	3/4	181.986
8	8,887	8	27.866	8	47.160	8	66.467	8	85.788	8	105.107	8	124.428	8	143.749	8	163.069	8	182.389
1/4	9,267	1/4	28.269	1/4	47.561	1/4	66.870	1/4	86.191	1/4	105.510	1/4	124.831	1/4	144.151	1/4	163.472	1/4	182.791
1/2	9,647	1/2	28.671	1/2	47.963	1/2	67.272	1/2	86.593	1/2	105.912	1/2	125.233	1/2	144.554	1/2	163.874	1/2	183.194
3/4	10,027	3/4	29.074	3/4	48.365	3/4	67.675	3/4	86.996	3/4	106.315	3/4	125.636	3/4	144.956	3/4	164.276	3/4	183.596
9	10,407	9	29.476	9	48.767	9	68.077	9	87.398	9	106.717	9	126.038	9	145.359	9	164.679	9	183.999
1/4	10,788	1/4	29.879	1/4	49.168	1/4	68.480	1/4	87.801	1/4	107.120	1/4	126.441	1/4	145.761	1/4	165.081	1/4	184.401
1/2	11,168	1/2	30.281	1/2	49.570	1/2	68.883	1/2	88.203	1/2	107.523	1/2	126.843	1/2	146.164	1/2	165.484	1/2	184.804
3/4	11,548	3/4	30.683	3/4	49.972	3/4	69.285	3/4	88.606	3/4	107.925	3/4	127.246	3/4	146.566	3/4	165.886	3/4	185.206
10	11,928	10	31.086	10	50.373	10	69.688	10	89.008	10	108.328	10	127.648	10	146.969	10	166.288	10	185.609
1/4	12,308	1/4	31.488	1/4	50.775	1/4	70.090	1/4	89.410	1/4	108.730	1/4	128.051	1/4	147.371	1/4	166.691	1/4	186.011
1/2	12,688	1/2	31.891	1/2	51.177	1/2	70.493	1/2	89.813	1/2	109.133	1/2	128.453	1/2	147.774	1/2	167.093	1/2	186.414
3/4	13,068	3/4	32.293	3/4	51.578	3/4	70.895	3/4	90.215	3/4	109.535	3/4	128.856	3/4	148.176	3/4	167.496	3/4	186.816
11	13,448	11	32.696	11	51.980	11	71.298	11	90.618	11	109.938	11	129.258	11	148.579	11	167.898	11	187.219
1/4	13,828	1/4	33.098	1/4	52.382	1/4	71.700	1/4	91.020	1/4	110.340	1/4	129.661	1/4	148.981	1/4	168.301	1/4	187.621
1/2	14,208	1/2	33.500	1/2	52.784	1/2	72.103	1/2	91.422	1/2	110.743	1/2	130.063	1/2	149.384	1/2	168.703	1/2	188.024
3/4	14,588	3/4	33.903	3/4	53.185	3/4	72.505	3/4	91.825	3/4	111.145	3/4	130.466	3/4	149.786	3/4	169.106	3/4	188.426

SHEET 5 OF 10 SHEETS

GAGE LOCATION 1'-4" OFF CENTERLINE BULKHEAD AND 3'-4" FROM AFT. BULKHEAD.

COMPUTED BY: JW 02/28/91  
CHECKED BY: SJK 02/28/91  
STRAPPED BY: PLB & JAB 02/21/91

DATE OF ISSUE - MARCH 1, 1991

E. W. SAYBOLT & CO., INC.

*Steven J. Kipil*

**E. W. SAYBOLT & CO., INC.**

General Headquarters  
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**BARGE MM-27**  
MAGNOLIA MARINE TRANSPORT

**TANK 3**

COMPUTED IN U. S. GALLONS

INNAGE TABLE

GAGE HEIGHT - 15'-7 3/4"

IN.	10 FT.	IN.	11 FT.	IN.	12 FT.	IN.	13 FT.													
0	188.829	0	208.150	0	227.470	0	246.781													
1/4	189.231	1/4	208.552	1/4	227.873	1/4	247.186													
1/2	189.634	1/2	208.955	1/2	228.275	1/2	247.540													
3/4	190.036	3/4	209.357	3/4	228.678	3/4	247.904													
1	190.439	1	209.760	1	229.080	1	248.256													
1/4	190.842	1/4	210.162	1/4	229.483	1/4	248.596													
1/2	191.244	1/2	210.565	1/2	229.885	1/2	248.926													
3/4	191.647	3/4	210.967	3/4	230.288	3/4	249.245													
2	192.049	2	211.370	2	230.690	2	249.552													
1/4	192.452	1/4	211.772	1/4	231.093	1/4	249.848													
1/2	192.854	1/2	212.175	1/2	231.495	1/2	250.133													
3/4	193.257	3/4	212.577	3/4	231.898	3/4	250.406													
3	193.659	3	212.980	3	232.300	3	250.689													
1/4	194.062	1/4	213.382	1/4	232.703	1/4	250.920													
1/2	194.464	1/2	213.785	1/2	233.105	1/2	251.160													
3/4	194.867	3/4	214.187	3/4	233.508	3/4	251.389													
4	195.269	4	214.590	4	233.910	4	251.607													
1/4	195.672	1/4	214.992	1/4	234.313	1/4	251.814													
1/2	196.074	1/2	215.395	1/2	234.715	1/2	252.009													
3/4	196.477	3/4	215.797	3/4	235.118	3/4	252.193													
5	196.879	5	216.200	5	235.521	5	252.366													
1/4	197.282	1/4	216.602	1/4	235.923	1/4	252.528													
1/2	197.684	1/2	217.005	1/2	236.326	1/2	252.679													
3/4	198.087	3/4	217.407	3/4	236.728	3/4	252.818													
6	198.489	6	217.810	6	237.130	6	252.947													
1/4	198.892	1/4	218.212	1/4	237.533	1/4	253.064													
1/2	199.294	1/2	218.615	1/2	237.935	1/2	253.170													
3/4	199.697	3/4	219.017	3/4	238.337	3/4	253.264													
7	200.099	7	219.420	7	238.740	7	253.348													
1/4	200.502	1/4	219.822	1/4	239.142	1/4	253.420													
1/2	200.904	1/2	220.225	1/2	239.544	1/2	253.482													
3/4	201.307	3/4	220.626	3/4	239.947	3/4	253.532													
8	201.709	8	221.030	8	240.349	8	253.571													
1/4	202.112	1/4	221.433	1/4	240.751															
1/2	202.514	1/2	221.835	1/2	241.154															
3/4	202.917	3/4	222.238	3/4	241.556															
9	203.319	9	222.640	9	241.958															
1/4	203.722	1/4	223.043	1/4	242.361															
1/2	204.124	1/2	223.445	1/2	242.763															
3/4	204.527	3/4	223.848	3/4	243.165															
10	204.929	10	224.250	10	243.568															
1/4	205.332	1/4	224.653	1/4	243.970															
1/2	205.735	1/2	225.055	1/2	244.372															
3/4	206.137	3/4	225.458	3/4	244.775															
11	206.540	11	225.860	11	245.177															
1/4	206.942	1/4	226.263	1/4	245.579															
1/2	207.345	1/2	226.665	1/2	245.981															
3/4	207.747	3/4	227.068	3/4	246.384															

SHEET 6 OF 10 SHEETS

GAGE LOCATION 1'-4" OFF CENTERLINE BULKHEAD AND 3'-4"  
FROM AFT. BULKHEAD.

COMPUTED BY: JW 02/28/91  
CHECKED BY: SJK 02/28/91  
STRAPPED BY: PLB & JAB 02/21/91

DATE OF ISSUE - MARCH 1, 1991

E. W. SAYBOLT & CO., INC.

*Steven J. Kopf*

**E. W. SAYBOLT & CO., INC.**

General Headquarters  
400 Swenson Drive  
Kenilworth, N. J. 07033

**BARGE MM-27**  
**MAGNOLIA MARINE TRANSPORT**

**TANK 4**

COMPUTED IN U. S. GALLONS

INNAGE TABLE

GAGE HEIGHT - 15'-8 1/8"

IN.	0 FT.	IN.	1 FT.	IN.	2 FT.	IN.	3 FT.	IN.	4 FT.	IN.	5 FT.	IN.	6 FT.	IN.	7 FT.	IN.	8 FT.	IN.	9 FT.
0	19	0	14.956	0	34.229	0	53.489	0	72.748	0	92.023	0	111.301	0	130.578	0	149.858	0	169.133
1/4	49	1/4	15.358	1/4	34.630	1/4	53.870	1/4	73.148	1/4	92.425	1/4	111.702	1/4	130.980	1/4	150.258	1/4	169.534
1/2	99	1/2	15.759	1/2	35.031	1/2	54.272	1/2	73.550	1/2	92.826	1/2	112.104	1/2	131.382	1/2	150.659	1/2	169.938
3/4	169	3/4	16.161	3/4	35.431	3/4	54.674	3/4	73.951	3/4	93.228	3/4	112.506	3/4	131.783	3/4	151.061	3/4	170.338
1	289	1	16.563	1	35.832	1	55.075	1	74.353	1	93.629	1	112.907	1	132.185	1	151.463	1	170.739
1/4	370	1/4	16.964	1/4	36.233	1/4	55.477	1/4	74.755	1/4	94.031	1/4	113.309	1/4	132.587	1/4	151.864	1/4	171.141
1/2	501	1/2	17.366	1/2	36.634	1/2	55.878	1/2	75.156	1/2	94.433	1/2	113.710	1/2	132.988	1/2	152.266	1/2	171.542
3/4	651	3/4	17.767	3/4	37.035	3/4	56.280	3/4	75.558	3/4	94.834	3/4	114.112	3/4	133.390	3/4	152.668	3/4	171.944
2	822	2	18.169	2	37.435	2	56.682	2	75.959	2	95.236	2	114.514	2	133.791	2	153.069	2	172.346
1/4	1.013	1/4	18.570	1/4	37.836	1/4	57.083	1/4	76.361	1/4	95.638	1/4	114.915	1/4	134.193	1/4	153.471	1/4	172.747
1/2	1.223	1/2	18.972	1/2	38.237	1/2	57.485	1/2	76.763	1/2	96.039	1/2	115.317	1/2	134.595	1/2	153.872	1/2	173.149
3/4	1.454	3/4	19.373	3/4	38.638	3/4	57.887	3/4	77.164	3/4	96.441	3/4	115.719	3/4	134.996	3/4	154.274	3/4	173.551
3	1.705	3	19.775	3	39.039	3	58.288	3	77.566	3	96.842	3	116.120	3	135.398	3	154.676	3	173.952
1/4	1.977	1/4	20.177	1/4	39.440	1/4	58.690	1/4	77.968	1/4	97.244	1/4	116.522	1/4	135.800	1/4	155.077	1/4	174.354
1/2	2.268	1/2	20.578	1/2	39.840	1/2	59.091	1/2	78.369	1/2	97.646	1/2	116.923	1/2	136.201	1/2	155.479	1/2	174.755
3/4	2.579	3/4	20.980	3/4	40.241	3/4	59.493	3/4	78.771	3/4	98.047	3/4	117.325	3/4	136.603	3/4	155.881	3/4	175.157
4	2.888	4	21.381	4	40.642	4	59.895	4	79.172	4	98.449	4	117.727	4	137.004	4	156.282	4	175.559
1/4	3.217	1/4	21.783	1/4	41.043	1/4	60.296	1/4	79.574	1/4	98.850	1/4	118.128	1/4	137.406	1/4	156.684	1/4	175.960
1/2	3.566	1/2	22.184	1/2	41.444	1/2	60.698	1/2	79.976	1/2	99.252	1/2	118.530	1/2	137.808	1/2	157.085	1/2	176.362
3/4	3.935	3/4	22.586	3/4	41.844	3/4	61.100	3/4	80.377	3/4	99.654	3/4	118.931	3/4	138.209	3/4	157.487	3/4	176.763
5	4.315	5	22.987	5	42.245	5	61.501	5	80.779	5	100.055	5	119.333	5	138.611	5	157.889	5	177.165
1/4	4.694	1/4	23.389	1/4	42.646	1/4	61.903	1/4	81.181	1/4	100.457	1/4	119.735	1/4	139.012	1/4	158.290	1/4	177.567
1/2	5.073	1/2	23.790	1/2	43.047	1/2	62.304	1/2	81.582	1/2	100.859	1/2	120.136	1/2	139.414	1/2	158.692	1/2	177.968
3/4	5.452	3/4	24.191	3/4	43.448	3/4	62.706	3/4	81.984	3/4	101.260	3/4	120.538	3/4	139.816	3/4	159.093	3/4	178.370
6	5.832	6	24.593	6	43.848	6	63.108	6	82.385	6	101.662	6	120.940	6	140.217	6	159.495	6	178.772
1/4	6.211	1/4	24.995	1/4	44.249	1/4	63.509	1/4	82.787	1/4	102.063	1/4	121.341	1/4	140.619	1/4	159.897	1/4	179.173
1/2	6.590	1/2	25.396	1/2	44.650	1/2	63.911	1/2	83.189	1/2	102.465	1/2	121.743	1/2	141.021	1/2	160.298	1/2	179.575
3/4	6.970	3/4	25.798	3/4	45.051	3/4	64.312	3/4	83.590	3/4	102.867	3/4	122.144	3/4	141.422	3/4	160.700	3/4	179.976
7	7.349	7	26.199	7	45.452	7	64.714	7	83.992	7	103.268	7	122.546	7	141.824	7	161.102	7	180.378
1/4	7.728	1/4	26.601	1/4	45.853	1/4	65.116	1/4	84.393	1/4	103.670	1/4	122.948	1/4	142.225	1/4	161.503	1/4	180.780
1/2	8.107	1/2	27.002	1/2	46.253	1/2	65.517	1/2	84.795	1/2	104.072	1/2	123.349	1/2	142.627	1/2	161.905	1/2	181.181
3/4	8.487	3/4	27.404	3/4	46.654	3/4	65.919	3/4	85.197	3/4	104.473	3/4	123.751	3/4	143.029	3/4	162.308	3/4	181.583
8	8.866	8	27.805	8	47.055	8	66.321	8	85.598	8	104.875	8	124.153	8	143.430	8	162.708	8	181.985
1/4	9.245	1/4	28.207	1/4	47.456	1/4	66.722	1/4	86.000	1/4	105.276	1/4	124.554	1/4	143.832	1/4	163.109	1/4	182.386
1/2	9.624	1/2	28.608	1/2	47.857	1/2	67.124	1/2	86.402	1/2	105.678	1/2	124.956	1/2	144.234	1/2	163.511	1/2	182.788
3/4	10.004	3/4	29.010	3/4	48.257	3/4	67.625	3/4	86.803	3/4	106.080	3/4	125.357	3/4	144.635	3/4	163.912	3/4	183.189
9	10.383	9	29.411	9	48.658	9	67.927	9	87.205	9	106.481	9	125.759	9	145.037	9	164.314	9	183.591
1/4	10.762	1/4	29.813	1/4	49.059	1/4	68.329	1/4	87.606	1/4	106.883	1/4	126.161	1/4	145.438	1/4	164.715	1/4	183.993
1/2	11.141	1/2	30.214	1/2	49.460	1/2	68.730	1/2	88.008	1/2	107.285	1/2	126.562	1/2	145.840	1/2	165.117	1/2	184.394
3/4	11.521	3/4	30.616	3/4	49.861	3/4	69.132	3/4	88.410	3/4	107.686	3/4	126.964	3/4	146.242	3/4	165.518	3/4	184.796
10	11.900	10	31.017	10	50.261	10	69.534	10	88.811	10	108.088	10	127.366	10	146.643	10	165.920	10	185.197
1/4	12.279	1/4	31.419	1/4	50.662	1/4	69.935	1/4	89.213	1/4	108.489	1/4	127.767	1/4	147.045	1/4	166.321	1/4	185.599
1/2	12.658	1/2	31.821	1/2	51.063	1/2	70.337	1/2	89.614	1/2	108.891	1/2	128.169	1/2	147.447	1/2	166.723	1/2	186.001
3/4	13.038	3/4	32.222	3/4	51.464	3/4	70.738	3/4	90.016	3/4	109.293	3/4	128.570	3/4	147.848	3/4	167.125	3/4	186.402
11	13.417	11	32.624	11	51.865	11	71.140	11	90.417	11	109.694	11	128.972	11	148.250	11	167.526	11	186.804
1/4	13.796	1/4	33.025	1/4	52.265	1/4	71.542	1/4	90.819	1/4	110.096	1/4	129.374	1/4	148.651	1/4	167.928	1/4	187.206
1/2	14.175	1/2	33.427	1/2	52.666	1/2	71.943	1/2	91.220	1/2	110.497	1/2	129.775	1/2	149.053	1/2	168.329	1/2	187.607
3/4	14.555	3/4	33.828	3/4	53.067	3/4	72.345	3/4	91.622	3/4	110.899	3/4	130.177	3/4	149.455	3/4	168.731	3/4	188.009

SHEET 7 OF 10 SHEETS

GAGE LOCATION 1'-4" OFF CENTERLINE BULKHEAD AND 3'-4" FROM AFT. BULKHEAD.

COMPUTED BY: JW 02/28/91  
CHECKED BY: SJK 02/28/91  
STRAPPED BY: PLB & JAB 02/21/91

DATE OF ISSUE - MARCH 1, 1991

E. W. SAYBOLT & CO., INC.

**E. W. SAYBOLT & CO., INC.**

General Headquarters  
400 Swenson Drive  
Kenilworth, N. J. 07033

**BARGE MM-27**  
**MAGNOLIA MARINE TRANSPORT**

**TANK 4**

COMPUTED IN U. S. GALLONS

INNAGE TABLE

GAGE HEIGHT - 15'-8 1/8"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.													
0	188.410	0	207.688	0	226.966	0	246.233													
1/4	188.812	1/4	208.090	1/4	227.368	1/4	246.618													
1/2	189.214	1/2	208.491	1/2	227.769	1/2	246.992													
3/4	189.615	3/4	208.893	3/4	228.171	3/4	247.354													
1	190.017	1	209.295	1	228.572	1	247.705													
1/4	190.419	1/4	209.696	1/4	228.974	1/4	248.045													
1/2	190.820	1/2	210.098	1/2	229.376	1/2	248.374													
3/4	191.222	3/4	210.500	3/4	229.777	3/4	248.692													
2	191.623	2	210.901	2	230.179	2	248.998													
1/4	192.025	1/4	211.303	1/4	230.581	1/4	249.294													
1/2	192.427	1/2	211.704	1/2	230.982	1/2	249.578													
3/4	192.828	3/4	212.106	3/4	231.384	3/4	249.851													
3	193.230	3	212.508	3	231.785	3	250.113													
1/4	193.632	1/4	212.909	1/4	232.187	1/4	250.364													
1/2	194.033	1/2	213.311	1/2	232.589	1/2	250.604													
3/4	194.435	3/4	213.713	3/4	232.990	3/4	250.832													
4	194.836	4	214.114	4	233.392	4	251.049													
1/4	195.238	1/4	214.516	1/4	233.794	1/4	251.255													
1/2	195.640	1/2	214.917	1/2	234.195	1/2	251.450													
3/4	196.041	3/4	215.319	3/4	234.597	3/4	251.634													
5	196.443	5	215.721	5	234.998	5	251.807													
1/4	196.844	1/4	216.122	1/4	235.400	1/4	251.968													
1/2	197.246	1/2	216.524	1/2	235.802	1/2	252.119													
3/4	197.648	3/4	216.925	3/4	236.203	3/4	252.258													
6	198.049	6	217.327	6	236.605	6	252.386													
1/4	198.451	1/4	217.729	1/4	237.006	1/4	252.503													
1/2	198.853	1/2	218.130	1/2	237.408	1/2	252.608													
3/4	199.254	3/4	218.532	3/4	237.809	3/4	252.703													
7	199.656	7	218.934	7	238.210	7	252.786													
1/4	200.057	1/4	219.335	1/4	238.612	1/4	252.858													
1/2	200.459	1/2	219.737	1/2	239.013	1/2	252.920													
3/4	200.861	3/4	220.138	3/4	239.415	3/4	252.969													
8	201.262	8	220.540	8	239.816	8	253.008													
1/4	201.664	1/4	220.942	1/4	240.218															
1/2	202.066	1/2	221.343	1/2	240.619															
3/4	202.467	3/4	221.745	3/4	241.020															
9	202.869	9	222.147	9	241.422															
1/4	203.270	1/4	222.548	1/4	241.823															
1/2	203.672	1/2	222.950	1/2	242.225															
3/4	204.074	3/4	223.351	3/4	242.626															
10	204.475	10	223.753	10	243.028															
1/4	204.877	1/4	224.155	1/4	243.429															
1/2	205.278	1/2	224.556	1/2	243.830															
3/4	205.680	3/4	224.958	3/4	244.232															
11	206.082	11	225.359	11	244.633															
1/4	206.483	1/4	225.761	1/4	245.035															
1/2	206.885	1/2	226.163	1/2	245.436															
3/4	207.287	3/4	226.564	3/4	245.838															

SHEET 8 OF 10 SHEETS

GAGE LOCATION 1'-4" OFF CENTERLINE BULKHEAD AND 3'-4" FROM AFT. BULKHEAD.

COMPUTED BY: JW 02/28/91  
CHECKED BY: SJK 02/28/91  
STRAPPED BY: PLB & JAB 02/21/91

DATE OF ISSUE - MARCH 1, 1991

E. W. SAYBOLT & CO., INC.

*Swenson & Kopylov*

**E. W. SAYBOLT & CO., INC.**

General Headquarters  
400 Swanson Drive  
Kenilworth, N. J. 07033

**BARGE MM-27**  
MAGNOLIA MARINE TRANSPORT

**TANK 5**

COMPUTED IN U. S. GALLONS

INNAGE TABLE

GAGE HEIGHT - 15'-7 7/8"

IN.	0 FT.	IN.	1 FT.	IN.	2 FT.	IN.	3 FT.	IN.	4 FT.	IN.	5 FT.	IN.	6 FT.	IN.	7 FT.	IN.	8 FT.	IN.	9 FT.
0	19	0	15.858	0	35.721	0	65.785	0	76.851	0	95.917	0	116.984	0	136.050	0	156.117	0	176.183
1/4	51	1/4	16.076	1/4	36.139	1/4	56.203	1/4	76.269	1/4	96.335	1/4	116.402	1/4	136.469	1/4	156.535	1/4	176.601
1/2	103	1/2	16.494	1/2	36.557	1/2	56.621	1/2	76.688	1/2	96.753	1/2	116.820	1/2	136.887	1/2	156.953	1/2	177.019
3/4	178	3/4	16.912	3/4	36.975	3/4	57.039	3/4	77.106	3/4	97.171	3/4	117.238	3/4	137.305	3/4	157.371	3/4	177.437
1	270	1	17.330	1	37.393	1	57.457	1	77.524	1	97.589	1	117.656	1	137.723	1	157.790	1	177.855
1/4	385	1/4	17.748	1/4	37.811	1/4	57.875	1/4	77.942	1/4	98.007	1/4	118.074	1/4	138.141	1/4	158.208	1/4	178.273
1/2	521	1/2	18.166	1/2	38.229	1/2	58.293	1/2	78.360	1/2	98.425	1/2	118.492	1/2	138.559	1/2	158.626	1/2	178.691
3/4	677	3/4	18.584	3/4	38.647	3/4	58.711	3/4	78.778	3/4	98.843	3/4	118.910	3/4	138.977	3/4	159.044	3/4	179.109
2	855	2	19.002	2	39.065	2	59.129	2	79.196	2	99.261	2	119.328	2	139.395	2	159.462	2	179.527
1/4	1,054	1/4	19.420	1/4	39.483	1/4	59.547	1/4	79.614	1/4	99.679	1/4	119.746	1/4	139.813	1/4	159.880	1/4	179.945
1/2	1,273	1/2	19.838	1/2	39.901	1/2	59.965	1/2	80.032	1/2	100.097	1/2	120.164	1/2	140.231	1/2	160.298	1/2	180.363
3/4	1,514	3/4	20.256	3/4	40.319	3/4	60.383	3/4	80.450	3/4	100.516	3/4	120.582	3/4	140.649	3/4	160.716	3/4	180.781
3	1,775	3	20.674	3	40.737	3	60.801	3	80.868	3	100.934	3	121.000	3	141.067	3	161.134	3	181.199
1/4	2,057	1/4	21.092	1/4	41.155	1/4	61.219	1/4	81.286	1/4	101.352	1/4	121.418	1/4	141.485	1/4	161.552	1/4	181.618
1/2	2,360	1/2	21.510	1/2	41.573	1/2	61.637	1/2	81.704	1/2	101.770	1/2	121.836	1/2	141.903	1/2	161.970	1/2	182.036
3/4	2,684	3/4	21.928	3/4	41.991	3/4	62.055	3/4	82.122	3/4	102.188	3/4	122.255	3/4	142.321	3/4	162.388	3/4	182.454
4	3,009	4	22.346	4	42.409	4	62.474	4	82.540	4	102.606	4	122.673	4	142.739	4	162.806	4	182.872
1/4	3,354	1/4	22.764	1/4	42.827	1/4	62.892	1/4	82.958	1/4	103.024	1/4	123.091	1/4	143.157	1/4	163.224	1/4	183.290
1/2	3,720	1/2	23.182	1/2	43.245	1/2	63.310	1/2	83.376	1/2	103.442	1/2	123.509	1/2	143.578	1/2	163.642	1/2	183.708
3/4	4,107	3/4	23.600	3/4	43.663	3/4	63.728	3/4	83.794	3/4	103.860	3/4	123.927	3/4	143.994	3/4	164.060	3/4	184.126
5	4,505	5	24.018	5	44.081	5	64.146	5	84.213	5	104.278	5	124.345	5	144.412	5	164.478	5	184.544
1/4	4,903	1/4	24.436	1/4	44.499	1/4	64.564	1/4	84.631	1/4	104.696	1/4	124.763	1/4	144.830	1/4	164.897	1/4	184.962
1/2	5,300	1/2	24.853	1/2	44.917	1/2	64.982	1/2	85.049	1/2	105.114	1/2	125.181	1/2	145.248	1/2	165.315	1/2	185.380
3/4	5,698	3/4	25.271	3/4	45.335	3/4	65.400	3/4	85.467	3/4	105.532	3/4	125.599	3/4	145.666	3/4	165.733	3/4	185.798
6	6,095	6	25.689	6	45.753	6	65.818	6	85.885	6	105.950	6	126.017	6	146.084	6	166.151	6	186.216
1/4	6,493	1/4	26.107	1/4	46.171	1/4	66.236	1/4	86.303	1/4	106.368	1/4	126.435	1/4	146.502	1/4	166.569	1/4	186.634
1/2	6,891	1/2	26.525	1/2	46.589	1/2	66.654	1/2	86.721	1/2	106.786	1/2	126.853	1/2	146.920	1/2	166.987	1/2	187.052
3/4	7,288	3/4	26.943	3/4	47.007	3/4	67.072	3/4	87.139	3/4	107.204	3/4	127.271	3/4	147.338	3/4	167.405	3/4	187.470
7	7,686	7	27.361	7	47.425	7	67.490	7	87.557	7	107.623	7	127.689	7	147.756	7	167.823	7	187.888
1/4	8,083	1/4	27.779	1/4	47.843	1/4	67.908	1/4	87.975	1/4	108.041	1/4	128.107	1/4	148.174	1/4	168.241	1/4	188.308
1/2	8,481	1/2	28.197	1/2	48.261	1/2	68.326	1/2	88.393	1/2	108.459	1/2	128.525	1/2	148.592	1/2	168.659	1/2	188.725
3/4	8,879	3/4	28.615	3/4	48.679	3/4	68.744	3/4	88.811	3/4	108.877	3/4	128.943	3/4	149.010	3/4	169.077	3/4	189.143
8	9,276	8	29.033	8	49.097	8	69.162	8	89.229	8	109.295	8	129.362	8	149.428	8	169.495	8	189.561
1/4	9,674	1/4	29.451	1/4	49.515	1/4	69.581	1/4	89.647	1/4	109.713	1/4	129.780	1/4	149.846	1/4	169.913	1/4	189.979
1/2	10,071	1/2	29.869	1/2	49.933	1/2	69.999	1/2	90.065	1/2	110.131	1/2	130.198	1/2	150.264	1/2	170.331	1/2	190.397
3/4	10,469	3/4	30.287	3/4	50.351	3/4	70.417	3/4	90.483	3/4	110.549	3/4	130.616	3/4	150.683	3/4	170.749	3/4	190.815
9	10,867	9	30.705	9	50.769	9	70.835	9	90.901	9	110.967	9	131.034	9	151.101	9	171.167	9	191.233
1/4	11,264	1/4	31.123	1/4	51.187	1/4	71.253	1/4	91.320	1/4	111.385	1/4	131.452	1/4	151.519	1/4	171.585	1/4	191.651
1/2	11,662	1/2	31.541	1/2	51.605	1/2	71.671	1/2	91.738	1/2	111.803	1/2	131.870	1/2	151.937	1/2	172.003	1/2	192.069
3/4	12,059	3/4	31.959	3/4	52.023	3/4	72.089	3/4	92.156	3/4	112.221	3/4	132.288	3/4	152.355	3/4	172.421	3/4	192.487
10	12,457	10	32.377	10	52.441	10	72.507	10	92.574	10	112.639	10	132.706	10	152.773	10	172.838	10	192.905
1/4	12,855	1/4	32.795	1/4	52.859	1/4	72.925	1/4	92.992	1/4	113.057	1/4	133.124	1/4	153.191	1/4	173.256	1/4	193.323
1/2	13,252	1/2	33.213	1/2	53.277	1/2	73.343	1/2	93.409	1/2	113.475	1/2	133.542	1/2	153.609	1/2	173.674	1/2	193.741
3/4	13,650	3/4	33.631	3/4	53.695	3/4	73.761	3/4	93.827	3/4	113.893	3/4	133.960	3/4	154.027	3/4	174.092	3/4	194.159
11	14,047	11	34.049	11	54.113	11	74.179	11	94.245	11	114.311	11	134.378	11	154.445	11	174.511	11	194.577
1/4	14,445	1/4	34.467	1/4	54.531	1/4	74.597	1/4	94.663	1/4	114.730	1/4	134.796	1/4	154.863	1/4	174.929	1/4	194.995
1/2	14,843	1/2	34.885	1/2	54.949	1/2	75.015	1/2	95.081	1/2	115.148	1/2	135.214	1/2	155.281	1/2	175.347	1/2	195.413
3/4	15,240	3/4	35.303	3/4	55.367	3/4	75.433	3/4	95.499	3/4	115.566	3/4	135.632	3/4	155.699	3/4	175.765	3/4	195.832

SHEET 9 OF 10 SHEETS

GAGE LOCATION 1'-4" OFF CENTERLINE BULKHEAD AND 3'-4"  
FROM FORWARD BULKHEAD.

COMPUTED BY: JW 02/28/91  
CHECKED BY: SJK 02/28/91  
STRAPPED BY: PLB & JAB 02/21/91

DATE OF ISSUE - MARCH 1, 1991

E. W. SAYBOLT & CO., INC.

*Steven J. Kipil*

**E. W. SAYBOLT & CO., INC.**

General Headquarters  
400 Swenson Drive  
Kenilworth, N. J. 07033

**BARGE MM-27**  
MAGNOLIA MARINE TRANSPORT

**TANK 5**

COMPUTED IN U. S. GALLONS

INNAGE TABLE

GAGE HEIGHT - 15'-7 7/8"

IN.	10 FT.	IN.	11 FT.	IN.	12 FT.	IN.	13 FT.													
0	198.260	0	214.917	0	229.387	0	243.835													
1/4	198.868	1/4	215.219	1/4	229.688	1/4	244.118													
1/2	197.086	1/2	215.520	1/2	229.990	1/2	244.388													
3/4	197.504	3/4	215.822	3/4	230.291	3/4	244.651													
1	197.922	1	216.123	1	230.593	1	244.908													
1/4	198.340	1/4	216.424	1/4	230.894	1/4	245.153													
1/2	198.758	1/2	216.726	1/2	231.196	1/2	245.392													
3/4	199.176	3/4	217.027	3/4	231.497	3/4	245.622													
2	199.594	2	217.329	2	231.799	2	245.843													
1/4	200.012	1/4	217.630	1/4	232.100	1/4	246.057													
1/2	200.430	1/2	217.932	1/2	232.402	1/2	246.261													
3/4	200.848	3/4	218.233	3/4	232.703	3/4	246.458													
3	201.266	3	218.535	3	233.004	3	246.646													
1/4	201.684	1/4	218.836	1/4	233.306	1/4	246.826													
1/2	202.102	1/2	219.138	1/2	233.607	1/2	246.997													
3/4	202.520	3/4	219.439	3/4	233.909	3/4	247.160													
4	202.939	4	219.740	4	234.210	4	247.315													
1/4	203.357	1/4	220.042	1/4	234.512	1/4	247.461													
1/2	203.775	1/2	220.343	1/2	234.813	1/2	247.599													
3/4	204.193	3/4	220.645	3/4	235.115	3/4	247.729													
5	204.611	5	220.946	5	235.416	5	247.850													
1/4	205.029	1/4	221.248	1/4	235.718	1/4	247.993													
1/2	205.447	1/2	221.549	1/2	236.019	1/2	248.087													
3/4	205.865	3/4	221.851	3/4	236.320	3/4	248.163													
6	206.283	6	222.152	6	236.622	6	248.251													
1/4	206.701	1/4	222.454	1/4	236.923	1/4	248.330													
1/2	207.119	1/2	222.755	1/2	237.224	1/2	248.401													
3/4	207.534	3/4	223.056	3/4	237.525	3/4	248.463													
7	207.944	7	223.358	7	237.827	7	248.517													
1/4	208.347	1/4	223.659	1/4	238.128	1/4	248.583													
1/2	208.745	1/2	223.961	1/2	238.429	1/2	248.601													
3/4	209.137	3/4	224.262	3/4	238.731	3/4	248.630													
8	209.523	8	224.564	8	239.032	8	248.651													
1/4	209.903	1/4	224.865	1/4	239.333															
1/2	210.277	1/2	225.167	1/2	239.634															
3/4	210.646	3/4	225.468	3/4	239.936															
9	211.008	9	225.770	9	240.237															
1/4	211.385	1/4	226.071	1/4	240.538															
1/2	211.716	1/2	226.372	1/2	240.839															
3/4	212.081	3/4	226.674	3/4	241.141															
10	212.401	10	226.975	10	241.442															
1/4	212.734	1/4	227.277	1/4	241.743															
1/2	213.082	1/2	227.578	1/2	242.044															
3/4	213.384	3/4	227.880	3/4	242.346															
11	213.700	11	228.181	11	242.647															
1/4	214.010	1/4	228.483	1/4	242.948															
1/2	214.314	1/2	228.784	1/2	243.250															
3/4	214.616	3/4	229.086	3/4	243.547															

SHEET 10 OF 10 SHEETS

GAGE LOCATION 1'-4" OFF CENTERLINE BULKHEAD AND 3'-4"  
FROM FORWARD BULKHEAD.

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E. W. SAYBOLT & CO., INC.

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General Headquarters  
400 Swenson Drive  
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**BARGE MM-27**  
**MAGNOLIA MARINE TRANSPORT**

**SLOP TANK**

COMPUTED IN U. S. GALLONS

INNAGE TABLE

GAGE HEIGHT - 14'-2 5/8"

IN.	0 FT.	IN.	1 FT.	IN.	2 FT.	IN.	3 FT.	IN.	4 FT.	IN.	5 FT.	IN.	6 FT.	IN.	7 FT.	IN.	8 FT.	IN.	9 FT.
0	0	0	1.202	0	2.722	0	4.241	0	5.760	0	7.280	0	8.799	0	10.318	0	11.838	0	13.357
1/4	1	1/4	1.234	1/4	2.753	1/4	4.273	1/4	5.792	1/4	7.311	1/4	8.831	1/4	10.350	1/4	11.869	1/4	13.389
1/2	3	1/2	1.266	1/2	2.785	1/2	4.304	1/2	5.824	1/2	7.343	1/2	8.862	1/2	10.382	1/2	11.901	1/2	13.420
3/4	7	3/4	1.297	3/4	2.817	3/4	4.336	3/4	5.855	3/4	7.375	3/4	8.894	3/4	10.413	3/4	11.933	3/4	13.452
1	13	1	1.329	1	2.848	1	4.368	1	5.887	1	7.409	1	8.926	1	10.445	1	11.964	1	13.484
1/4	20	1/4	1.361	1/4	2.880	1/4	4.399	1/4	5.919	1/4	7.438	1/4	8.957	1/4	10.477	1/4	11.996	1/4	13.515
1/2	28	1/2	1.392	1/2	2.912	1/2	4.431	1/2	5.950	1/2	7.470	1/2	8.989	1/2	10.508	1/2	12.028	1/2	13.547
3/4	39	3/4	1.424	3/4	2.943	3/4	4.463	3/4	5.982	3/4	7.501	3/4	9.021	3/4	10.540	3/4	12.059	3/4	13.579
2	50	2	1.456	2	2.975	2	4.494	2	6.014	2	7.533	2	9.052	2	10.572	2	12.091	2	13.610
1/4	64	1/4	1.487	1/4	3.007	1/4	4.526	1/4	6.045	1/4	7.565	1/4	9.084	1/4	10.603	1/4	12.123	1/4	13.642
1/2	79	1/2	1.519	1/2	3.038	1/2	4.558	1/2	6.077	1/2	7.596	1/2	9.116	1/2	10.635	1/2	12.154	1/2	13.674
3/4	95	3/4	1.551	3/4	3.070	3/4	4.589	3/4	6.109	3/4	7.628	3/4	9.147	3/4	10.667	3/4	12.186	3/4	13.705
3	114	3	1.582	3	3.102	3	4.621	3	6.140	3	7.660	3	9.179	3	10.698	3	12.218	3	13.737
1/4	133	1/4	1.614	1/4	3.133	1/4	4.653	1/4	6.172	1/4	7.691	1/4	9.211	1/4	10.730	1/4	12.249	1/4	13.769
1/2	155	1/2	1.646	1/2	3.165	1/2	4.684	1/2	6.204	1/2	7.723	1/2	9.242	1/2	10.762	1/2	12.281	1/2	13.800
3/4	178	3/4	1.677	3/4	3.197	3/4	4.716	3/4	6.235	3/4	7.755	3/4	9.274	3/4	10.793	3/4	12.313	3/4	13.832
4	202	4	1.709	4	3.228	4	4.748	4	6.267	4	7.786	4	9.306	4	10.825	4	12.344	4	13.864
1/4	228	1/4	1.740	1/4	3.260	1/4	4.779	1/4	6.299	1/4	7.818	1/4	9.337	1/4	10.857	1/4	12.376	1/4	13.895
1/2	256	1/2	1.772	1/2	3.291	1/2	4.811	1/2	6.330	1/2	7.850	1/2	9.369	1/2	10.888	1/2	12.408	1/2	13.927
3/4	285	3/4	1.804	3/4	3.323	3/4	4.842	3/4	6.362	3/4	7.881	3/4	9.401	3/4	10.920	3/4	12.439	3/4	13.959
5	316	5	1.835	5	3.355	5	4.874	5	6.393	5	7.913	5	9.432	5	10.952	5	12.471	5	13.990
1/4	348	1/4	1.867	1/4	3.386	1/4	4.906	1/4	6.425	1/4	7.944	1/4	9.464	1/4	10.983	1/4	12.503	1/4	14.022
1/2	379	1/2	1.899	1/2	3.418	1/2	4.937	1/2	6.457	1/2	7.976	1/2	9.495	1/2	11.015	1/2	12.534	1/2	14.054
3/4	411	3/4	1.930	3/4	3.450	3/4	4.969	3/4	6.488	3/4	8.008	3/4	9.527	3/4	11.046	3/4	12.566	3/4	14.085
6	443	6	1.962	6	3.481	6	5.001	6	6.520	6	8.039	6	9.559	6	11.078	6	12.598	6	14.117
1/4	474	1/4	1.994	1/4	3.513	1/4	5.032	1/4	6.552	1/4	8.071	1/4	9.590	1/4	11.110	1/4	12.629	1/4	14.149
1/2	506	1/2	2.025	1/2	3.545	1/2	5.064	1/2	6.583	1/2	8.103	1/2	9.622	1/2	11.141	1/2	12.661	1/2	14.180
3/4	538	3/4	2.057	3/4	3.576	3/4	5.096	3/4	6.615	3/4	8.134	3/4	9.654	3/4	11.173	3/4	12.692	3/4	14.212
7	589	7	2.089	7	3.608	7	5.127	7	6.647	7	8.166	7	9.685	7	11.205	7	12.724	7	14.243
1/4	601	1/4	2.120	1/4	3.640	1/4	5.159	1/4	6.678	1/4	8.198	1/4	9.717	1/4	11.236	1/4	12.756	1/4	14.275
1/2	633	1/2	2.152	1/2	3.671	1/2	5.191	1/2	6.710	1/2	8.229	1/2	9.749	1/2	11.268	1/2	12.787	1/2	14.307
3/4	664	3/4	2.184	3/4	3.703	3/4	5.222	3/4	6.742	3/4	8.261	3/4	9.780	3/4	11.300	3/4	12.819	3/4	14.338
8	688	8	2.215	8	3.735	8	5.254	8	6.773	8	8.293	8	9.812	8	11.331	8	12.851	8	14.370
1/4	728	1/4	2.247	1/4	3.766	1/4	5.286	1/4	6.805	1/4	8.324	1/4	9.844	1/4	11.363	1/4	12.882	1/4	14.402
1/2	759	1/2	2.279	1/2	3.798	1/2	5.317	1/2	6.837	1/2	8.356	1/2	9.875	1/2	11.395	1/2	12.914	1/2	14.433
3/4	791	3/4	2.310	3/4	3.830	3/4	5.349	3/4	6.868	3/4	8.388	3/4	9.907	3/4	11.426	3/4	12.946	3/4	14.465
9	823	9	2.342	9	3.861	9	5.381	9	6.900	9	8.419	9	9.939	9	11.458	9	12.977	9	14.497
1/4	854	1/4	2.374	1/4	3.893	1/4	5.412	1/4	6.932	1/4	8.451	1/4	9.970	1/4	11.490	1/4	13.009	1/4	14.528
1/2	886	1/2	2.405	1/2	3.925	1/2	5.444	1/2	6.963	1/2	8.483	1/2	10.002	1/2	11.521	1/2	13.041	1/2	14.560
3/4	918	3/4	2.437	3/4	3.956	3/4	5.476	3/4	6.995	3/4	8.514	3/4	10.034	3/4	11.553	3/4	13.072	3/4	14.592
10	949	10	2.469	10	3.988	10	5.507	10	7.027	10	8.546	10	10.065	10	11.585	10	13.104	10	14.623
1/4	981	1/4	2.500	1/4	4.020	1/4	5.539	1/4	7.058	1/4	8.578	1/4	10.097	1/4	11.616	1/4	13.136	1/4	14.655
1/2	1.012	1/2	2.532	1/2	4.051	1/2	5.571	1/2	7.090	1/2	8.609	1/2	10.129	1/2	11.648	1/2	13.167	1/2	14.687
3/4	1.044	3/4	2.563	3/4	4.083	3/4	5.602	3/4	7.122	3/4	8.641	3/4	10.160	3/4	11.680	3/4	13.199	3/4	14.718
11	1.076	11	2.595	11	4.114	11	5.634	11	7.153	11	8.673	11	10.192	11	11.711	11	13.231	11	14.750
1/4	1.107	1/4	2.627	1/4	4.146	1/4	5.665	1/4	7.185	1/4	8.704	1/4	10.224	1/4	11.743	1/4	13.262	1/4	14.782
1/2	1.139	1/2	2.658	1/2	4.178	1/2	5.697	1/2	7.216	1/2	8.736	1/2	10.255	1/2	11.775	1/2	13.294	1/2	14.813
3/4	1.171	3/4	2.690	3/4	4.209	3/4	5.729	3/4	7.248	3/4	8.767	3/4	10.287	3/4	11.806	3/4	13.326	3/4	14.845

GAGE LOCATION CENTERED FORWARD TO AFT AND PORT  
TO STARBOARD.

**SLOP TANK**

COMPUTED BY: JW 02/28/91  
CHECKED BY: SJK 02/28/91  
STRAPPED BY: PLB & JAB 02/21/91

DATE OF ISSUE - MARCH 1, 1991

E. W. SAYBOLT & CO., INC.

*Stevenson & Kojal*

**E. W. SAYBOLT & CO., INC.**

General Headquarters  
400 Swenson Drive  
Kenilworth, N. J. 07033

**BARGE MM-27**  
MAGNOLIA MARINE TRANSPORT

**SLOP TANK**

COMPUTED IN U. S. GALLONS

INNAGE TABLE

GAGE HEIGHT - 14'-2 5/8"

IN.	10 FT.	IN.	11 FT.	IN.	12 FT.	IN.	13 FT.													
0	14.877	0	16.388	0	17.915	0	19.432													
1/4	14.908	1/4	16.428	1/4	17.947	1/4	19.462													
1/2	14.940	1/2	16.469	1/2	17.979	1/2	19.492													
3/4	14.971	3/4	16.491	3/4	18.010	3/4	19.520													
1	15.003	1	16.522	1	18.042	1	19.548													
1/4	15.035	1/4	16.554	1/4	18.073	1/4	19.575													
1/2	15.068	1/2	16.586	1/2	18.105	1/2	19.601													
3/4	15.098	3/4	16.617	3/4	18.137	3/4	19.626													
2	15.130	2	16.649	2	18.168	2	19.650													
1/4	15.161	1/4	16.681	1/4	18.200	1/4	19.673													
1/2	15.193	1/2	16.712	1/2	18.232	1/2	19.696													
3/4	15.225	3/4	16.744	3/4	18.263	3/4	19.717													
3	15.256	3	16.776	3	18.295	3	19.738													
1/4	15.288	1/4	16.807	1/4	18.327	1/4	19.758													
1/2	15.320	1/2	16.839	1/2	18.358	1/2	19.776													
3/4	15.351	3/4	16.871	3/4	18.390	3/4	19.794													
4	15.383	4	16.902	4	18.422	4	19.812													
1/4	15.415	1/4	16.934	1/4	18.453	1/4	19.828													
1/2	15.446	1/2	16.966	1/2	18.485	1/2	19.843													
3/4	15.478	3/4	16.997	3/4	18.517	3/4	19.858													
5	15.510	5	17.029	5	18.548	5	19.871													
1/4	15.541	1/4	17.061	1/4	18.580	1/4	19.884													
1/2	15.573	1/2	17.092	1/2	18.612	1/2	19.896													
3/4	15.605	3/4	17.124	3/4	18.643	3/4	19.907													
6	15.636	6	17.156	6	18.675	6	19.917													
1/4	15.668	1/4	17.187	1/4	18.707	1/4	19.926													
1/2	15.700	1/2	17.219	1/2	18.738	1/2	19.934													
3/4	15.731	3/4	17.251	3/4	18.770	3/4	19.942													
7	15.763	7	17.282	7	18.802	7	19.948													
1/4	15.794	1/4	17.314	1/4	18.833	1/4	19.954													
1/2	15.826	1/2	17.345	1/2	18.865	1/2	19.959													
3/4	15.858	3/4	17.377	3/4	18.896	3/4	19.963													
8	15.889	8	17.409	8	18.928	8	19.966													
1/4	15.921	1/4	17.440	1/4	18.960															
1/2	15.953	1/2	17.472	1/2	18.991															
3/4	15.984	3/4	17.504	3/4	19.023															
9	16.016	9	17.535	9	19.055															
1/4	16.048	1/4	17.567	1/4	19.086															
1/2	16.079	1/2	17.599	1/2	19.118															
3/4	16.111	3/4	17.630	3/4	19.150															
10	16.143	10	17.662	10	19.181															
1/4	16.174	1/4	17.694	1/4	19.213															
1/2	16.206	1/2	17.725	1/2	19.245															
3/4	16.238	3/4	17.757	3/4	19.276															
11	16.269	11	17.789	11	19.308															
1/4	16.301	1/4	17.820	1/4	19.340															
1/2	16.333	1/2	17.852	1/2	19.371															
3/4	16.364	3/4	17.884	3/4	19.403															

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