

BARGE CBC 222
HULL #114

ULLAGE TRIM CORRECTIONS

DOWN	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BY BOW	BY STERN	BY BOW	BY STERN	BY BOW	BY STERN	BY BOW	BY STERN	BY BOW	BY STERN	BY BOW	BY STERN
TANK 1	+0 1/4"	-0 1/4"	+0 1/2"	-0 1/2"	+0 7/8"	-0 7/8"	+1 1/8"	-1 1/8"	+1 3/8"	-1 3/8"	+1 5/8"	-1 5/8"
2 PORT	+0 1/8"	-0 1/8"	+0 1/8"	-0 1/8"	+0 1/4"	-0 1/4"	+0 3/8"	-0 3/8"	+0 3/8"	-0 3/8"	+0 1/2"	-0 1/2"
2 STBD	+0 1/8"	-0 1/8"	+0 1/8"	-0 1/8"	+0 1/4"	-0 1/4"	+0 3/8"	-0 3/8"	+0 3/8"	-0 3/8"	+0 1/2"	-0 1/2"
TANK 3	+0 1/8"	-0 1/8"	+0 1/8"	-0 1/8"	+0 1/4"	-0 1/4"	+0 1/4"	-0 1/4"	+0 3/8"	-0 3/8"	+0 3/8"	-0 3/8"

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

LENGTH BETWEEN DRAFT MARKS 143.00'

FWD DRAFT = 6'-0"
AFT DRAFT = 9'-0"
DIFF. = 3'-0" (DOWN BY STERN)

THE CORRECTION FOR 3'-0" TRIM DOWN BY STERN FOR TANK 1 IS -0 7/8".
FOR A MEASURED ULLAGE GAUGE OF 4'-0" ON TANK 1, THE TRIM CORRECTED ULLAGE IS 3'-11 1/8".

September 8, 1999
SAYBOLT INC.

MMC GAUGE HEIGHT 15'-9 1/2"

COMPUTED IN U. S. GALLONS

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	235.729	0	220.525	0	203.610	0	186.682	0	169.459	0	151.170	0	133.042	0	115.074		
1/4	1/4	1/4	235.595	1/4	220.174	1/4	203.257	1/4	186.329	1/4	169.076	1/4	150.791	1/4	132.666	1/4	114.702		
1/2	1/2	1/2	235.461	1/2	219.823	1/2	202.904	1/2	185.976	1/2	168.693	1/2	150.412	1/2	132.290	1/2	114.329		
3/4	3/4	3/4	235.268	3/4	219.473	3/4	202.552	3/4	185.623	3/4	168.311	3/4	150.033	3/4	131.914	3/4	113.957		
1	1	1	235.074	1	219.122	1	202.200	1	185.271	1	167.929	1	149.654	1	131.538	1	113.584		
1/4	1/4	1/4	234.881	1/4	218.771	1/4	201.848	1/4	184.918	1/4	167.576	1/4	149.275	1/4	131.163	1/4	113.212		
1/2	1/2	1/2	234.688	1/2	218.421	1/2	201.496	1/2	184.565	1/2	167.164	1/2	148.895	1/2	130.787	1/2	112.840		
3/4	3/4	3/4	234.436	3/4	218.070	3/4	201.143	3/4	184.212	3/4	166.782	3/4	148.517	3/4	130.411	3/4	112.468		
2	2	2	234.184	2	217.719	2	200.791	2	183.859	2	166.400	2	148.138	2	130.036	2	112.095		
1/4	1/4	1/4	233.932	1/4	217.368	1/4	200.439	1/4	183.506	1/4	166.018	1/4	147.759	1/4	129.661	1/4	111.723		
1/2	1/2	1/2	233.680	1/2	217.018	1/2	200.087	1/2	183.153	1/2	165.656	1/2	147.380	1/2	129.285	1/2	111.351		
3/4	3/4	3/4	233.367	3/4	216.665	3/4	199.735	3/4	182.801	3/4	165.254	3/4	147.002	3/4	128.910	3/4	110.980		
3	3	3	233.053	3	216.312	3	199.383	3	182.448	3	164.872	3	146.623	3	128.535	3	110.608		
1/4	1/4	1/4	232.740	1/4	215.960	1/4	199.031	1/4	182.095	1/4	164.490	1/4	146.245	1/4	128.160	1/4	110.236		
1/2	1/2	1/2	232.426	1/2	215.607	1/2	198.679	1/2	181.742	1/2	164.108	1/2	145.866	1/2	127.785	1/2	109.864		
3/4	3/4	3/4	232.081	3/4	215.254	3/4	198.326	3/4	181.389	3/4	163.727	3/4	145.488	3/4	127.410	3/4	109.493		
4	4	4	231.735	4	214.902	4	197.973	4	181.036	4	163.345	4	145.110	4	127.035	4	109.121		
1/4	1/4	1/4	231.390	1/4	214.549	1/4	197.621	1/4	180.683	1/4	162.964	1/4	144.731	1/4	126.660	1/4	108.750		
1/2	1/2	1/2	231.044	1/2	214.196	1/2	197.268	1/2	180.331	1/2	162.582	1/2	144.353	1/2	126.285	1/2	108.378		
3/4	3/4	3/4	230.694	3/4	213.843	3/4	196.915	3/4	179.978	3/4	162.201	3/4	143.975	3/4	125.910	3/4	108.007		
5	5	5	230.344	5	213.490	5	196.562	5	179.625	5	161.820	5	143.597	5	125.536	5	107.636		
1/4	1/4	1/4	229.994	1/4	213.137	1/4	196.209	1/4	179.272	1/4	161.438	1/4	143.219	1/4	125.161	1/4	107.264		
1/2	1/2	1/2	229.644	1/2	212.784	1/2	195.856	1/2	178.919	1/2	161.057	1/2	142.841	1/2	124.787	1/2	106.893		
3/4	3/4	3/4	229.293	3/4	212.431	3/4	195.503	3/4	178.566	3/4	160.676	3/4	142.464	3/4	124.412	3/4	106.522		
6	6	6	228.942	6	212.079	6	195.151	6	178.213	6	160.295	6	142.086	6	124.038	6	106.151		
1/4	1/4	1/4	228.591	1/4	211.726	1/4	194.798	1/4	177.860	1/4	159.914	1/4	141.708	1/4	123.664	1/4	105.780		
1/2	1/2	1/2	228.241	1/2	211.373	1/2	194.445	1/2	177.508	1/2	159.533	1/2	141.331	1/2	123.289	1/2	105.409		
3/4	3/4	3/4	227.890	3/4	211.020	3/4	194.092	3/4	177.155	3/4	159.152	3/4	140.953	3/4	122.915	3/4	105.039		
7	7	7	227.539	7	210.667	7	193.739	7	176.802	7	158.772	7	140.576	7	122.541	7	104.668		
1/4	1/4	1/4	227.188	1/4	210.314	1/4	193.386	1/4	176.449	1/4	158.391	1/4	140.198	1/4	122.167	1/4	104.297		
1/2	1/2	1/2	226.838	1/2	209.961	1/2	193.033	1/2	176.096	1/2	158.010	1/2	139.821	1/2	121.793	1/2	103.926		
3/4	3/4	3/4	226.487	3/4	209.609	3/4	192.681	3/4	175.743	3/4	157.630	3/4	139.444	3/4	121.419	3/4	103.556		
8	8	8	226.136	8	209.256	8	192.328	8	175.390	8	157.249	8	139.067	8	121.046	8	103.186		
1/4	1/4	1/4	225.785	1/4	208.903	1/4	191.975	1/4	175.038	1/4	156.869	1/4	138.690	1/4	120.672	1/4	102.815		
1/2	1/2	1/2	225.435	1/2	208.550	1/2	191.622	1/2	174.685	1/2	156.488	1/2	138.313	1/2	120.298	1/2	102.445		
3/4	3/4	3/4	225.084	3/4	208.197	3/4	191.269	3/4	174.332	3/4	156.108	3/4	137.936	3/4	119.925	3/4	102.075		
9	9	9	224.733	9	207.844	9	190.916	9	173.979	9	155.728	9	137.559	9	119.551	9	101.705		
1/4	1/4	1/4	224.383	1/4	207.491	1/4	190.563	1/4	173.626	1/4	155.348	1/4	137.182	1/4	119.178	1/4	101.335		
1/2	1/2	1/2	224.032	1/2	207.139	1/2	190.211	1/2	173.273	1/2	154.967	1/2	136.805	1/2	118.804	1/2	100.964		
3/4	3/4	3/4	223.681	3/4	206.786	3/4	189.858	3/4	172.894	3/4	154.588	3/4	136.429	3/4	118.431	3/4	100.595		
10	10	10	223.330	10	206.433	10	189.505	10	172.515	10	154.208	10	136.052	10	118.058	10	100.225		
1/4	1/4	1/4	222.980	1/4	206.080	1/4	189.152	1/4	172.135	1/4	153.828	1/4	135.675	1/4	117.685	1/4	99.855		
1/2	1/2	1/2	222.629	1/2	205.727	1/2	188.799	1/2	171.756	1/2	153.448	1/2	135.299	1/2	117.311	1/2	99.485		
3/4	3/4	3/4	222.278	3/4	205.374	3/4	188.446	3/4	171.373	3/4	153.068	3/4	134.923	3/4	116.938	3/4	99.115		
11	11	11	221.928	11	205.021	11	188.093	11	170.990	11	152.688	11	134.546	11	116.566	11	98.746		
1/4	1/4	1/4	221.577	1/4	204.669	1/4	187.741	1/4	170.607	1/4	152.309	1/4	134.170	1/4	116.193	1/4	98.376		
1/2	1/2	1/2	221.226	1/2	204.316	1/2	187.388	1/2	170.224	1/2	151.929	1/2	133.794	1/2	115.820	1/2	98.007		
3/4	3/4	3/4	220.876	3/4	203.963	3/4	187.035	3/4	169.841	3/4	151.550	3/4	133.418	3/4	115.447	3/4	97.638		

GAUGE LOCATED 27'-3" FROM AFT BULKHEAD AND
1'-0" FROM CENTERLINE BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 09/99

MMC GAUGE HEIGHT 15'-9 1/2"

COMPUTED IN U. S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.
0	97,268	0	79,623	0	62,140	0	44,837	0	27,692	0	10,693
1/4	96,899	1/4	79,257	1/4	61,777	1/4	44,479	1/4	27,337	1/4	10,340
1/2	96,530	1/2	78,891	1/2	61,414	1/2	44,121	1/2	26,981	1/2	9,988
3/4	96,161	3/4	78,526	3/4	61,052	3/4	43,763	3/4	26,625	3/4	9,636
1	95,792	1	78,160	1	60,690	1	43,405	1	26,270	1	9,284
1/4	95,423	1/4	77,795	1/4	60,328	1/4	43,048	1/4	25,914	1/4	8,932
1/2	95,054	1/2	77,429	1/2	59,965	1/2	42,690	1/2	25,559	1/2	8,580
3/4	94,685	3/4	77,064	3/4	59,603	3/4	42,332	3/4	25,203	3/4	8,228
2	94,316	2	76,698	2	59,241	2	41,975	2	24,848	2	7,877
1/4	93,947	1/4	76,333	1/4	58,879	1/4	41,617	1/4	24,493	1/4	7,526
1/2	93,579	1/2	75,967	1/2	58,517	1/2	41,260	1/2	24,137	1/2	7,174
3/4	93,210	3/4	75,602	3/4	58,156	3/4	40,903	3/4	23,782	3/4	6,824
3	92,842	3	75,237	3	57,794	3	40,545	3	23,427	3	6,473
1/4	92,473	1/4	74,872	1/4	57,432	1/4	40,188	1/4	23,072	1/4	6,123
1/2	92,105	1/2	74,507	1/2	57,070	1/2	39,831	1/2	22,717	1/2	5,773
3/4	91,737	3/4	74,142	3/4	56,709	3/4	39,473	3/4	22,363	3/4	5,424
4	91,369	4	73,777	4	56,348	4	39,115	4	22,008	4	5,075
1/4	91,000	1/4	73,413	1/4	55,986	1/4	38,757	1/4	21,653	1/4	4,726
1/2	90,632	1/2	73,048	1/2	55,625	1/2	38,399	1/2	21,298	1/2	4,376
3/4	90,264	3/4	72,683	3/4	55,264	3/4	38,041	3/4	20,944	3/4	4,029
5	89,897	5	72,319	5	54,902	5	37,684	5	20,590	5	3,682
1/4	89,529	1/4	71,954	1/4	54,541	1/4	37,326	1/4	20,235	1/4	3,335
1/2	89,161	1/2	71,590	1/2	54,180	1/2	36,968	1/2	19,881	1/2	2,988
3/4	88,793	3/4	71,226	3/4	53,819	3/4	36,610	3/4	19,527	3/4	2,677
6	88,426	6	70,861	6	53,458	6	36,253	6	19,172	6	2,365
1/4	88,058	1/4	70,497	1/4	53,097	1/4	35,895	1/4	18,818	1/4	2,053
1/2	87,690	1/2	70,133	1/2	52,736	1/2	35,538	1/2	18,464	1/2	1,741
3/4	87,323	3/4	69,769	3/4	52,376	3/4	35,181	3/4	18,110	3/4	1,511
7	86,956	7	69,405	7	52,015	7	34,823	7	17,756	7	1,281
1/4	86,588	1/4	69,041	1/4	51,655	1/4	34,466	1/4	17,402	1/4	1,051
1/2	86,221	1/2	68,677	1/2	51,294	1/2	34,109	1/2	17,048	1/2	821
3/4	85,854	3/4	68,313	3/4	50,935	3/4	33,752	3/4	16,695	3/4	678
8	85,487	8	67,950	8	50,575	8	33,395	8	16,341	8	536
1/4	85,120	1/4	67,586	1/4	50,216	1/4	33,038	1/4	15,988	1/4	394
1/2	84,753	1/2	67,222	1/2	49,857	1/2	32,681	1/2	15,634	1/2	251
3/4	84,386	3/4	66,859	3/4	49,498	3/4	32,324	3/4	15,281	3/4	197
9	84,019	9	66,495	9	49,139	9	31,968	9	14,927	9	142
1/4	83,653	1/4	66,132	1/4	48,780	1/4	31,611	1/4	14,574	1/4	88
1/2	83,286	1/2	65,769	1/2	48,421	1/2	31,254	1/2	14,221	1/2	33
3/4	82,919	3/4	65,406	3/4	48,062	3/4	30,898	3/4	13,868		
10	82,553	10	65,042	10	47,704	10	30,541	10	13,515		
1/4	82,186	1/4	64,679	1/4	47,345	1/4	30,185	1/4	13,162		
1/2	81,820	1/2	64,316	1/2	46,987	1/2	29,829	1/2	12,809		
3/4	81,454	3/4	63,953	3/4	46,628	3/4	29,473	3/4	12,456		
11	81,088	11	63,590	11	46,270	11	29,116	11	12,103		
1/4	80,721	1/4	63,228	1/4	45,912	1/4	28,760	1/4	11,750		
1/2	80,355	1/2	62,865	1/2	45,553	1/2	28,404	1/2	11,398		
3/4	79,989	3/4	62,502	3/4	45,195	3/4	28,048	3/4	11,045		

GAUGE LOCATED 27'-3" FROM AFT BULKHEAD AND
1'-0" FROM CENTERLINE BULKHEAD.

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[Signature]

MMC GAUGE HEIGHT 15'-5 1/2" COMPUTED IN U. S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.
0	44.119	0	35.879	0	27.639	0	19.620	0	11.409	0	3.172
1/4	43.948	1/4	35.708	1/4	27.467	1/4	19.455	1/4	11.237	1/4	3.001
1/2	43.776	1/2	35.536	1/2	27.296	1/2	19.291	1/2	11.066	1/2	2.830
3/4	43.604	3/4	35.364	3/4	27.124	3/4	19.121	3/4	10.894	3/4	2.659
1	43.433	1	35.193	1	26.952	1	18.952	1	10.722	1	2.488
1/4	43.261	1/4	35.021	1/4	26.781	1/4	18.782	1/4	10.551	1/4	2.318
1/2	43.089	1/2	34.849	1/2	26.609	1/2	18.613	1/2	10.379	1/2	2.147
3/4	42.918	3/4	34.678	3/4	26.437	3/4	18.442	3/4	10.207	3/4	1.978
2	42.746	2	34.506	2	26.266	2	18.272	2	10.036	2	1.808
1/4	42.574	1/4	34.334	1/4	26.094	1/4	18.102	1/4	9.864	1/4	1.638
1/2	42.403	1/2	34.163	1/2	25.922	1/2	17.932	1/2	9.692	1/2	1.469
3/4	42.231	3/4	33.991	3/4	25.752	3/4	17.760	3/4	9.521	3/4	1.316
3	42.059	3	33.819	3	25.582	3	17.589	3	9.349	3	1.164
1/4	41.888	1/4	33.648	1/4	25.411	1/4	17.417	1/4	9.177	1/4	1.011
1/2	41.716	1/2	33.476	1/2	25.241	1/2	17.246	1/2	9.006	1/2	859
3/4	41.544	3/4	33.304	3/4	25.071	3/4	17.074	3/4	8.834	3/4	746
4	41.373	4	33.133	4	24.900	4	16.902	4	8.662	4	633
1/4	41.201	1/4	32.961	1/4	24.730	1/4	16.731	1/4	8.491	1/4	521
1/2	41.029	1/2	32.789	1/2	24.560	1/2	16.559	1/2	8.319	1/2	408
3/4	40.858	3/4	32.618	3/4	24.395	3/4	16.387	3/4	8.147	3/4	339
5	40.686	5	32.446	5	24.229	5	16.216	5	7.976	5	269
1/4	40.514	1/4	32.274	1/4	24.064	1/4	16.044	1/4	7.804	1/4	199
1/2	40.343	1/2	32.103	1/2	23.899	1/2	15.872	1/2	7.632	1/2	129
3/4	40.171	3/4	31.931	3/4	23.734	3/4	15.701	3/4	7.461		
6	39.999	6	31.759	6	23.570	6	15.529	6	7.289		
1/4	39.828	1/4	31.587	1/4	23.405	1/4	15.357	1/4	7.117		
1/2	39.656	1/2	31.416	1/2	23.241	1/2	15.186	1/2	6.946		
3/4	39.484	3/4	31.244	3/4	23.076	3/4	15.014	3/4	6.774		
7	39.313	7	31.072	7	22.911	7	14.842	7	6.602		
1/4	39.141	1/4	30.901	1/4	22.747	1/4	14.671	1/4	6.431		
1/2	38.969	1/2	30.729	1/2	22.582	1/2	14.499	1/2	6.259		
3/4	38.798	3/4	30.557	3/4	22.418	3/4	14.327	3/4	6.087		
8	38.626	8	30.386	8	22.253	8	14.156	8	5.916		
1/4	38.454	1/4	30.214	1/4	22.088	1/4	13.984	1/4	5.744		
1/2	38.283	1/2	30.042	1/2	21.924	1/2	13.812	1/2	5.572		
3/4	38.111	3/4	29.871	3/4	21.759	3/4	13.641	3/4	5.401		
9	37.939	9	29.699	9	21.595	9	13.469	9	5.229		
1/4	37.768	1/4	29.527	1/4	21.430	1/4	13.297	1/4	5.057		
1/2	37.596	1/2	29.356	1/2	21.266	1/2	13.126	1/2	4.886		
3/4	37.424	3/4	29.184	3/4	21.101	3/4	12.954	3/4	4.714		
10	37.253	10	29.012	10	20.936	10	12.782	10	4.542		
1/4	37.081	1/4	28.841	1/4	20.772	1/4	12.611	1/4	4.371		
1/2	36.909	1/2	28.669	1/2	20.607	1/2	12.439	1/2	4.199		
3/4	36.738	3/4	28.497	3/4	20.443	3/4	12.267	3/4	4.028		
11	36.566	11	28.326	11	20.278	11	12.096	11	3.857		
1/4	36.394	1/4	28.154	1/4	20.113	1/4	11.924	1/4	3.685		
1/2	36.223	1/2	27.982	1/2	19.949	1/2	11.752	1/2	3.514		
3/4	36.051	3/4	27.811	3/4	19.784	3/4	11.581	3/4	3.343		

GAUGE LOCATED 24'-7" FROM AFT BULKHEAD AND
11'-0" FROM CENTERLINE BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 09/99

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: JW 09/08/99
STRAPPED BY: CL & JW 08/26/99

SAYBOLT INC.



MMC GAUGE HEIGHT 15'-5 1/4"

COMPUTED IN U. S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.
0	44.171	0	35.929	0	27.687	0	19.480	0	11.240	0	3.001
1/4	44.000	1/4	35.757	1/4	27.515	1/4	19.309	1/4	11.068	1/4	2.830
1/2	43.828	1/2	35.586	1/2	27.344	1/2	19.138	1/2	10.896	1/2	2.660
3/4	43.656	3/4	35.414	3/4	27.172	3/4	18.966	3/4	10.725	3/4	2.489
1	43.484	1	35.242	1	27.000	1	18.795	1	10.553	1	2.318
1/4	43.313	1/4	35.071	1/4	26.829	1/4	18.623	1/4	10.381	1/4	2.148
1/2	43.141	1/2	34.899	1/2	26.657	1/2	18.452	1/2	10.210	1/2	1.978
3/4	42.969	3/4	34.727	3/4	26.485	3/4	18.280	3/4	10.038	3/4	1.808
2	42.798	2	34.556	2	26.313	2	18.108	2	9.866	2	1.639
1/4	42.626	1/4	34.384	1/4	26.142	1/4	17.937	1/4	9.694	1/4	1.469
1/2	42.454	1/2	34.212	1/2	25.970	1/2	17.765	1/2	9.523	1/2	1.317
3/4	42.282	3/4	34.040	3/4	25.798	3/4	17.593	3/4	9.351	3/4	1.164
3	42.111	3	33.869	3	25.627	3	17.421	3	9.179	3	1.011
1/4	41.939	1/4	33.697	1/4	25.455	1/4	17.250	1/4	9.008	1/4	859
1/2	41.767	1/2	33.525	1/2	25.283	1/2	17.078	1/2	8.836	1/2	746
3/4	41.596	3/4	33.354	3/4	25.111	3/4	16.906	3/4	8.664	3/4	634
4	41.424	4	33.182	4	24.940	4	16.735	4	8.492	4	521
1/4	41.252	1/4	33.010	1/4	24.768	1/4	16.563	1/4	8.321	1/4	408
1/2	41.080	1/2	32.838	1/2	24.597	1/2	16.391	1/2	8.149	1/2	339
3/4	40.909	3/4	32.667	3/4	24.427	3/4	16.219	3/4	7.977	3/4	269
5	40.737	5	32.495	5	24.256	5	16.048	5	7.806	5	199
1/4	40.565	1/4	32.323	1/4	24.085	1/4	15.876	1/4	7.634	1/4	129
1/2	40.394	1/2	32.152	1/2	23.915	1/2	15.704	1/2	7.462		
3/4	40.222	3/4	31.980	3/4	23.744	3/4	15.533	3/4	7.291		
6	40.050	6	31.808	6	23.573	6	15.361	6	7.119		
1/4	39.879	1/4	31.636	1/4	23.403	1/4	15.189	1/4	6.947		
1/2	39.707	1/2	31.465	1/2	23.232	1/2	15.017	1/2	6.775		
3/4	39.535	3/4	31.293	3/4	23.062	3/4	14.846	3/4	6.604		
7	39.363	7	31.121	7	22.891	7	14.674	7	6.432		
1/4	39.192	1/4	30.950	1/4	22.721	1/4	14.502	1/4	6.260		
1/2	39.020	1/2	30.778	1/2	22.550	1/2	14.331	1/2	6.089		
3/4	38.848	3/4	30.606	3/4	22.380	3/4	14.159	3/4	5.917		
8	38.677	8	30.434	8	22.209	8	13.987	8	5.745		
1/4	38.505	1/4	30.263	1/4	22.038	1/4	13.815	1/4	5.573		
1/2	38.333	1/2	30.091	1/2	21.868	1/2	13.644	1/2	5.402		
3/4	38.161	3/4	29.919	3/4	21.697	3/4	13.472	3/4	5.230		
9	37.990	9	29.748	9	21.527	9	13.300	9	5.058		
1/4	37.818	1/4	29.576	1/4	21.356	1/4	13.129	1/4	4.887		
1/2	37.646	1/2	29.404	1/2	21.186	1/2	12.957	1/2	4.715		
3/4	37.475	3/4	29.233	3/4	21.015	3/4	12.785	3/4	4.543		
10	37.303	10	29.061	10	20.844	10	12.614	10	4.372		
1/4	37.131	1/4	28.889	1/4	20.674	1/4	12.442	1/4	4.200		
1/2	36.959	1/2	28.717	1/2	20.503	1/2	12.270	1/2	4.029		
3/4	36.788	3/4	28.546	3/4	20.333	3/4	12.098	3/4	3.857		
11	36.616	11	28.374	11	20.162	11	11.927	11	3.686		
1/4	36.444	1/4	28.202	1/4	19.992	1/4	11.755	1/4	3.515		
1/2	36.273	1/2	28.031	1/2	19.821	1/2	11.583	1/2	3.343		
3/4	36.101	3/4	27.859	3/4	19.650	3/4	11.412	3/4	3.172		

GAUGE LOCATED 24'-7" FROM AFT BULKHEAD AND
11'-0" FROM CENTERLINE BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 09/99

MMC GAUGE HEIGHT 15'-9 1/2"

COMPUTED IN U. S. GALLONS

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	226.918	0	211.842	0	195.067	0	178.279	0	161.481	0	144.683	0	127.882	0	111.081
1/4	1/4	1/4	1/4	1/4	226.785	1/4	211.494	1/4	194.717	1/4	177.929	1/4	161.131	1/4	144.333	1/4	127.532	1/4	110.731
1/2	1/2	1/2	1/2	1/2	226.652	1/2	211.146	1/2	194.367	1/2	177.579	1/2	160.781	1/2	143.983	1/2	127.182	1/2	110.381
3/4	3/4	3/4	3/4	3/4	226.461	3/4	210.798	3/4	194.018	3/4	177.229	3/4	160.431	3/4	143.633	3/4	126.832	3/4	110.031
1	1	1	1	1	226.269	1	210.451	1	193.668	1	176.879	1	160.081	1	143.283	1	126.482	1	109.681
1/4	1/4	1/4	1/4	1/4	226.078	1/4	210.103	1/4	193.319	1/4	176.529	1/4	159.731	1/4	142.933	1/4	126.132	1/4	109.331
1/2	1/2	1/2	1/2	1/2	225.886	1/2	209.755	1/2	192.970	1/2	176.179	1/2	159.381	1/2	142.583	1/2	125.782	1/2	108.981
3/4	3/4	3/4	3/4	3/4	225.696	3/4	209.407	3/4	192.621	3/4	175.829	3/4	159.032	3/4	142.233	3/4	125.432	3/4	108.631
2	2	2	2	2	225.387	2	209.059	2	192.271	2	175.479	2	158.682	2	141.883	2	125.082	2	108.281
1/4	1/4	1/4	1/4	1/4	225.137	1/4	208.712	1/4	191.922	1/4	175.129	1/4	158.332	1/4	141.533	1/4	124.732	1/4	107.931
1/2	1/2	1/2	1/2	1/2	224.887	1/2	208.364	1/2	191.573	1/2	174.779	1/2	157.982	1/2	141.183	1/2	124.382	1/2	107.581
3/4	3/4	3/4	3/4	3/4	224.576	3/4	208.014	3/4	191.224	3/4	174.429	3/4	157.632	3/4	140.833	3/4	124.032	3/4	107.231
3	3	3	3	3	224.265	3	207.664	3	190.875	3	174.079	3	157.282	3	140.483	3	123.682	3	106.881
1/4	1/4	1/4	1/4	1/4	223.954	1/4	207.315	1/4	190.526	1/4	173.732	1/4	156.932	1/4	140.133	1/4	123.332	1/4	106.531
1/2	1/2	1/2	1/2	1/2	223.644	1/2	206.965	1/2	190.176	1/2	173.379	1/2	156.582	1/2	139.783	1/2	122.982	1/2	106.181
3/4	3/4	3/4	3/4	3/4	223.301	3/4	206.615	3/4	189.827	3/4	173.030	3/4	156.232	3/4	139.433	3/4	122.632	3/4	105.831
4	4	4	4	4	222.958	4	206.265	4	189.477	4	172.680	4	155.882	4	139.083	4	122.282	4	105.481
1/4	1/4	1/4	1/4	1/4	222.615	1/4	205.915	1/4	189.127	1/4	172.330	1/4	155.532	1/4	138.733	1/4	121.932	1/4	105.131
1/2	1/2	1/2	1/2	1/2	222.273	1/2	205.565	1/2	188.777	1/2	171.980	1/2	155.182	1/2	138.383	1/2	121.582	1/2	104.781
3/4	3/4	3/4	3/4	3/4	221.926	3/4	205.215	3/4	188.427	3/4	171.630	3/4	154.832	3/4	138.033	3/4	121.232	3/4	104.431
5	5	5	5	5	221.578	5	204.865	5	188.077	5	171.280	5	154.482	5	137.683	5	120.882	5	104.081
1/4	1/4	1/4	1/4	1/4	221.231	1/4	204.515	1/4	187.727	1/4	170.930	1/4	154.132	1/4	137.333	1/4	120.532	1/4	103.731
1/2	1/2	1/2	1/2	1/2	220.884	1/2	204.165	1/2	187.377	1/2	170.580	1/2	153.782	1/2	136.983	1/2	120.182	1/2	103.381
3/4	3/4	3/4	3/4	3/4	220.536	3/4	203.815	3/4	187.028	3/4	170.230	3/4	153.432	3/4	136.633	3/4	119.832	3/4	103.031
6	6	6	6	6	220.189	6	203.465	6	186.678	6	169.880	6	153.082	6	136.283	6	119.482	6	102.681
1/4	1/4	1/4	1/4	1/4	219.841	1/4	203.116	1/4	186.328	1/4	169.530	1/4	152.732	1/4	135.933	1/4	119.132	1/4	102.331
1/2	1/2	1/2	1/2	1/2	219.493	1/2	202.766	1/2	185.978	1/2	169.180	1/2	152.382	1/2	135.583	1/2	118.782	1/2	101.981
3/4	3/4	3/4	3/4	3/4	219.145	3/4	202.416	3/4	185.628	3/4	168.830	3/4	152.033	3/4	135.233	3/4	118.432	3/4	101.631
7	7	7	7	7	218.798	7	202.066	7	185.278	7	168.480	7	151.683	7	134.883	7	118.082	7	101.281
1/4	1/4	1/4	1/4	1/4	218.450	1/4	201.716	1/4	184.928	1/4	168.130	1/4	151.333	1/4	134.533	1/4	117.732	1/4	100.931
1/2	1/2	1/2	1/2	1/2	218.102	1/2	201.366	1/2	184.578	1/2	167.780	1/2	150.984	1/2	134.183	1/2	117.382	1/2	100.581
3/4	3/4	3/4	3/4	3/4	217.754	3/4	201.016	3/4	184.228	3/4	167.430	3/4	150.634	3/4	133.833	3/4	117.032	3/4	100.231
8	8	8	8	8	217.407	8	200.666	8	183.878	8	167.080	8	150.284	8	133.483	8	116.682	8	99.881
1/4	1/4	1/4	1/4	1/4	217.059	1/4	200.316	1/4	183.528	1/4	166.730	1/4	149.934	1/4	133.133	1/4	116.332	1/4	99.531
1/2	1/2	1/2	1/2	1/2	216.711	1/2	199.966	1/2	183.178	1/2	166.380	1/2	149.584	1/2	132.783	1/2	115.982	1/2	99.181
3/4	3/4	3/4	3/4	3/4	216.363	3/4	199.616	3/4	182.828	3/4	166.031	3/4	149.234	3/4	132.433	3/4	115.632	3/4	98.831
9	9	9	9	9	216.015	9	199.266	9	182.478	9	165.681	9	148.884	9	132.083	9	115.282	9	98.481
1/4	1/4	1/4	1/4	1/4	215.668	1/4	198.916	1/4	182.128	1/4	165.331	1/4	148.534	1/4	131.733	1/4	114.932	1/4	98.131
1/2	1/2	1/2	1/2	1/2	215.320	1/2	198.566	1/2	181.778	1/2	164.981	1/2	148.184	1/2	131.383	1/2	114.582	1/2	97.781
3/4	3/4	3/4	3/4	3/4	214.972	3/4	198.216	3/4	181.428	3/4	164.631	3/4	147.834	3/4	131.033	3/4	114.232	3/4	97.431
10	10	10	10	10	214.624	10	197.866	10	181.078	10	164.281	10	147.484	10	130.683	10	113.882	10	97.081
1/4	1/4	1/4	1/4	1/4	214.276	1/4	197.516	1/4	180.728	1/4	163.931	1/4	147.134	1/4	130.333	1/4	113.532	1/4	96.731
1/2	1/2	1/2	1/2	1/2	213.929	1/2	197.166	1/2	180.378	1/2	163.581	1/2	146.784	1/2	129.983	1/2	113.182	1/2	96.381
3/4	3/4	3/4	3/4	3/4	213.581	3/4	196.816	3/4	180.029	3/4	163.231	3/4	146.434	3/4	129.633	3/4	112.832	3/4	96.031
11	11	11	11	11	213.233	11	196.466	11	179.679	11	162.881	11	146.083	11	129.283	11	112.482	11	95.681
1/4	1/4	1/4	1/4	1/4	212.885	1/4	196.117	1/4	179.329	1/4	162.531	1/4	145.733	1/4	128.933	1/4	112.132	1/4	95.331
1/2	1/2	1/2	1/2	1/2	212.537	1/2	195.767	1/2	178.979	1/2	162.181	1/2	145.383	1/2	128.582	1/2	111.782	1/2	94.981
3/4	3/4	3/4	3/4	3/4	212.190	3/4	195.417	3/4	178.629	3/4	161.831	3/4	145.033	3/4	128.232	3/4	111.432	3/4	94.631

GAUGE LOCATED 24"-10" FROM AFT BULKHEAD AND

1'-0" FROM CENTERLINE BULKHEAD.

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JW 09/08/99
STRAPPED BY: CL & JW 08/26/99

SAYBOLT INC.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 09/99

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

MMC GAUGE HEIGHT 15'-9 1/2"

COMPUTED IN U. S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.
0	94,281	0	77,480	0	60,679	0	44,077	0	27,451	0	10,648
1/4	93,931	1/4	77,130	1/4	60,329	1/4	43,735	1/4	27,101	1/4	10,298
1/2	93,580	1/2	76,780	1/2	59,979	1/2	43,394	1/2	26,751	1/2	9,948
3/4	93,230	3/4	76,430	3/4	59,629	3/4	43,052	3/4	26,401	3/4	9,598
1	92,880	1	76,079	1	59,279	1	42,710	1	26,050	1	9,249
1/4	92,530	1/4	75,729	1/4	58,929	1/4	42,368	1/4	25,700	1/4	8,899
1/2	92,180	1/2	75,379	1/2	58,578	1/2	42,026	1/2	25,350	1/2	8,549
3/4	91,830	3/4	75,029	3/4	58,228	3/4	41,684	3/4	25,000	3/4	8,199
2	91,480	2	74,679	2	57,878	2	41,342	2	24,650	2	7,850
1/4	91,130	1/4	74,329	1/4	57,528	1/4	41,001	1/4	24,300	1/4	7,500
1/2	90,780	1/2	73,979	1/2	57,178	1/2	40,659	1/2	23,950	1/2	7,151
3/4	90,430	3/4	73,629	3/4	56,828	3/4	40,317	3/4	23,600	3/4	6,802
3	90,080	3	73,279	3	56,478	3	39,975	3	23,250	3	6,453
1/4	89,730	1/4	72,929	1/4	56,128	1/4	39,633	1/4	22,900	1/4	6,105
1/2	89,380	1/2	72,579	1/2	55,778	1/2	39,291	1/2	22,550	1/2	5,756
3/4	89,030	3/4	72,229	3/4	55,428	3/4	38,949	3/4	22,200	3/4	5,408
4	88,680	4	71,879	4	55,078	4	38,606	4	21,850	4	5,060
1/4	88,330	1/4	71,529	1/4	54,728	1/4	38,263	1/4	21,500	1/4	4,712
1/2	87,980	1/2	71,179	1/2	54,378	1/2	37,920	1/2	21,150	1/2	4,365
3/4	87,630	3/4	70,829	3/4	54,028	3/4	37,577	3/4	20,800	3/4	4,019
5	87,280	5	70,479	5	53,678	5	37,235	5	20,450	5	3,673
1/4	86,930	1/4	70,129	1/4	53,328	1/4	36,892	1/4	20,100	1/4	3,327
1/2	86,580	1/2	69,779	1/2	52,978	1/2	36,549	1/2	19,750	1/2	2,981
3/4	86,230	3/4	69,429	3/4	52,634	3/4	36,199	3/4	19,400	3/4	2,670
6	85,880	6	69,079	6	52,290	6	35,850	6	19,049	6	2,359
1/4	85,530	1/4	68,729	1/4	51,946	1/4	35,501	1/4	18,699	1/4	2,048
1/2	85,180	1/2	68,379	1/2	51,603	1/2	35,152	1/2	18,349	1/2	1,737
3/4	84,830	3/4	68,029	3/4	51,260	3/4	34,802	3/4	17,999	3/4	1,508
7	84,480	7	67,679	7	50,917	7	34,452	7	17,649	7	1,278
1/4	84,130	1/4	67,329	1/4	50,574	1/4	34,102	1/4	17,299	1/4	1,048
1/2	83,780	1/2	66,979	1/2	50,231	1/2	33,752	1/2	16,949	1/2	819
3/4	83,430	3/4	66,629	3/4	49,889	3/4	33,402	3/4	16,599	3/4	677
8	83,080	8	66,279	8	49,547	8	33,051	8	16,249	8	535
1/4	82,730	1/4	65,929	1/4	49,205	1/4	32,701	1/4	15,899	1/4	393
1/2	82,380	1/2	65,579	1/2	48,863	1/2	32,351	1/2	15,549	1/2	251
3/4	82,030	3/4	65,229	3/4	48,521	3/4	32,001	3/4	15,199	3/4	196
9	81,680	9	64,879	9	48,179	9	31,651	9	14,849	9	142
1/4	81,330	1/4	64,529	1/4	47,838	1/4	31,301	1/4	14,499	1/4	88
1/2	80,980	1/2	64,179	1/2	47,496	1/2	30,951	1/2	14,149	1/2	33
3/4	80,630	3/4	63,829	3/4	47,154	3/4	30,601	3/4	13,799		
10	80,280	10	63,479	10	46,812	10	30,251	10	13,449		
1/4	79,930	1/4	63,129	1/4	46,470	1/4	29,901	1/4	13,099		
1/2	79,580	1/2	62,779	1/2	46,128	1/2	29,551	1/2	12,749		
3/4	79,230	3/4	62,429	3/4	45,786	3/4	29,201	3/4	12,399		
11	78,880	11	62,079	11	45,445	11	28,851	11	12,048		
1/4	78,530	1/4	61,729	1/4	45,103	1/4	28,501	1/4	11,698		
1/2	78,180	1/2	61,379	1/2	44,761	1/2	28,151	1/2	11,348		
3/4	77,830	3/4	61,029	3/4	44,419	3/4	27,801	3/4	10,998		

GAUGE LOCATED 24'-10" FROM AFT BULKHEAD AND
1'-0" FROM CENTERLINE BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 09/99

CBC 227

Official No. 1081769

FUEL OIL DAY TANK STRAPPING TABLE

TANK DIMENSIONS: 87" X 40" X 21"

INNAGE INCHES	US GALLONS	OUTAGE INCHES	US GALLONS
1	15.06	1	316.36
2	30.13	2	301.30
3	45.19	3	286.23
4	60.26	4	271.17
5	75.32	5	256.10
6	90.39	6	241.04
7	105.45	7	225.97
8	120.52	8	210.91
9	135.58	9	195.84
10	150.65	10	180.78
11	165.71	11	165.71
12	180.78	12	150.65
13	195.84	13	135.58
14	210.91	14	120.52
15	225.97	15	105.45
16	241.04	16	90.39
17	256.10	17	75.32
18	271.17	18	60.26
19	286.23	19	45.19
20	301.30	20	30.13
21	316.36	21	15.06

Certified By Bill Hatfield 4/6/21

Earl Hatfield Marine Surveyors, LLC