

SAYBOLT INC.
400 Swenson Drive
Kenilworth, NJ 07033
(908) -245-3100

BARGE CBC 224

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 1/8"	-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 1/2"	-0 1/2"
2 PORT	-0 7/8"	+0 7/8"	-1 7/8"	+1 7/8"	-2 3/4"	+2 3/4"	-3 3/4"	+3 3/4"	-4 5/8"	+4 5/8"	-5 5/8"	+5 5/8"
2 STBD	+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 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 147.00'

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 1/4".
FOR A MEASURED ULLAGE GAUGE OF 4'-0" ON TANK 1, THE TRIM CORRECTED ULLAGE IS 3'-11 3/4".

December 15, 1999
SAYBOLT INC.

BARGE CBL 224

TANK 1
ULLAGE TABLE
MMC GAUGING

MMC GAUGE HEIGHT 15'-8"

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	234,069	0	217,844	0	200,964	0	184,078	0	166,723	0	148,502	0	130,442	0	112,542
1/4	1/4	1/4	1/4	1/4	233,817	1/4	217,494	1/4	200,613	1/4	183,726	1/4	166,342	1/4	148,125	1/4	130,067	1/4	112,171
1/2	1/2	1/2	1/2	1/2	233,566	1/2	217,144	1/2	200,261	1/2	183,374	1/2	165,960	1/2	147,747	1/2	129,693	1/2	111,800
3/4	3/4	3/4	3/4	3/4	233,315	3/4	216,795	3/4	199,910	3/4	183,022	3/4	165,579	3/4	147,369	3/4	129,318	3/4	111,428
1	1	1	1	1	233,063	1	216,445	1	199,559	1	182,670	1	165,198	1	146,991	1	128,944	1	111,057
1/4	1/4	1/4	1/4	1/4	232,751	1/4	216,093	1/4	199,208	1/4	182,318	1/4	164,817	1/4	146,614	1/4	128,570	1/4	110,687
1/2	1/2	1/2	1/2	1/2	232,438	1/2	215,744	1/2	198,857	1/2	181,966	1/2	164,437	1/2	146,236	1/2	128,196	1/2	110,316
3/4	3/4	3/4	3/4	3/4	232,126	3/4	215,390	3/4	198,506	3/4	181,614	3/4	164,056	3/4	145,859	3/4	127,821	3/4	109,945
2	2	2	2	2	231,813	2	215,038	2	198,155	2	181,262	2	163,675	2	145,481	2	127,447	2	109,574
1/4	1/4	1/4	1/4	1/4	231,468	1/4	214,686	1/4	197,803	1/4	180,910	1/4	163,295	1/4	145,104	1/4	127,073	1/4	109,204
1/2	1/2	1/2	1/2	1/2	231,124	1/2	214,334	1/2	197,451	1/2	180,558	1/2	162,914	1/2	144,727	1/2	126,699	1/2	108,833
3/4	3/4	3/4	3/4	3/4	230,779	3/4	213,982	3/4	197,099	3/4	180,206	3/4	162,533	3/4	144,349	3/4	126,326	3/4	108,462
3	3	3	3	3	230,434	3	213,630	3	196,747	3	179,855	3	162,153	3	143,972	3	125,952	3	108,092
1/4	1/4	1/4	1/4	1/4	230,085	1/4	213,278	1/4	196,395	1/4	179,503	1/4	161,773	1/4	143,595	1/4	125,578	1/4	107,722
1/2	1/2	1/2	1/2	1/2	229,736	1/2	212,927	1/2	196,043	1/2	179,151	1/2	161,392	1/2	143,218	1/2	125,204	1/2	107,351
3/4	3/4	3/4	3/4	3/4	229,387	3/4	212,575	3/4	195,691	3/4	178,799	3/4	161,012	3/4	142,841	3/4	124,831	3/4	106,981
4	4	4	4	4	229,038	4	212,223	4	195,339	4	178,447	4	160,632	4	142,464	4	124,457	4	106,611
1/4	1/4	1/4	1/4	1/4	228,688	1/4	211,871	1/4	194,987	1/4	178,095	1/4	160,252	1/4	142,088	1/4	124,084	1/4	106,241
1/2	1/2	1/2	1/2	1/2	228,338	1/2	211,519	1/2	194,636	1/2	177,743	1/2	159,872	1/2	141,711	1/2	123,711	1/2	105,871
3/4	3/4	3/4	3/4	3/4	227,988	3/4	211,167	3/4	194,284	3/4	177,391	3/4	159,492	3/4	141,334	3/4	123,337	3/4	105,501
5	5	5	5	5	227,638	5	210,815	5	193,932	5	177,039	5	159,112	5	140,958	5	122,964	5	105,131
1/4	1/4	1/4	1/4	1/4	227,288	1/4	210,463	1/4	193,580	1/4	176,687	1/4	158,732	1/4	140,581	1/4	122,591	1/4	104,761
1/2	1/2	1/2	1/2	1/2	226,938	1/2	210,111	1/2	193,228	1/2	176,335	1/2	158,353	1/2	140,205	1/2	122,218	1/2	104,392
3/4	3/4	3/4	3/4	3/4	226,588	3/4	209,759	3/4	192,876	3/4	175,983	3/4	157,933	3/4	139,828	3/4	121,845	3/4	104,022
6	6	6	6	6	226,239	6	209,407	6	192,524	6	175,631	6	157,593	6	139,452	6	121,472	6	103,652
1/4	1/4	1/4	1/4	1/4	225,889	1/4	209,055	1/4	192,172	1/4	175,279	1/4	157,214	1/4	139,076	1/4	121,099	1/4	103,283
1/2	1/2	1/2	1/2	1/2	225,539	1/2	208,703	1/2	191,820	1/2	174,927	1/2	156,834	1/2	138,700	1/2	120,726	1/2	102,913
3/4	3/4	3/4	3/4	3/4	225,189	3/4	208,351	3/4	191,468	3/4	174,576	3/4	156,455	3/4	138,324	3/4	120,353	3/4	102,544
7	7	7	7	7	224,840	7	208,000	7	191,116	7	174,224	7	156,075	7	137,947	7	119,991	7	102,174
1/4	1/4	1/4	1/4	1/4	224,490	1/4	207,648	1/4	190,764	1/4	173,872	1/4	155,696	1/4	137,572	1/4	119,608	1/4	101,805
1/2	1/2	1/2	1/2	1/2	224,140	1/2	207,296	1/2	190,412	1/2	173,520	1/2	155,317	1/2	137,196	1/2	119,236	1/2	101,436
3/4	3/4	3/4	3/4	3/4	223,790	3/4	206,944	3/4	190,060	3/4	173,168	3/4	154,938	3/4	136,820	3/4	118,863	3/4	101,067
8	8	8	8	8	223,440	8	206,592	8	189,709	8	172,816	8	154,558	8	136,444	8	118,491	8	100,698
1/4	1/4	1/4	1/4	1/4	223,091	1/4	206,240	1/4	189,357	1/4	172,438	1/4	154,179	1/4	136,068	1/4	118,118	1/4	100,329
1/2	1/2	1/2	1/2	1/2	222,741	1/2	205,888	1/2	189,005	1/2	172,059	1/2	153,801	1/2	135,693	1/2	117,746	1/2	99,960
3/4	3/4	3/4	3/4	3/4	222,391	3/4	205,536	3/4	188,653	3/4	171,681	3/4	153,422	3/4	135,317	3/4	117,374	3/4	99,591
9	9	9	9	9	222,041	9	205,184	9	188,301	9	171,302	9	153,043	9	134,942	9	117,002	9	99,222
1/4	1/4	1/4	1/4	1/4	221,692	1/4	204,832	1/4	187,949	1/4	170,920	1/4	152,664	1/4	134,566	1/4	116,630	1/4	98,854
1/2	1/2	1/2	1/2	1/2	221,342	1/2	204,480	1/2	187,597	1/2	170,539	1/2	152,285	1/2	134,191	1/2	116,258	1/2	98,485
3/4	3/4	3/4	3/4	3/4	220,992	3/4	204,128	3/4	187,245	3/4	170,157	3/4	151,907	3/4	133,816	3/4	115,886	3/4	98,117
10	10	10	10	10	220,642	10	203,776	10	186,893	10	169,775	10	151,528	10	133,441	10	115,514	10	97,748
1/4	1/4	1/4	1/4	1/4	220,292	1/4	203,424	1/4	186,541	1/4	169,393	1/4	151,150	1/4	133,066	1/4	115,142	1/4	97,380
1/2	1/2	1/2	1/2	1/2	219,943	1/2	203,073	1/2	186,189	1/2	169,011	1/2	150,771	1/2	132,691	1/2	114,771	1/2	97,011
3/4	3/4	3/4	3/4	3/4	219,593	3/4	202,721	3/4	185,837	3/4	168,630	3/4	150,393	3/4	132,316	3/4	114,399	3/4	96,643
11	11	11	11	11	219,243	11	202,369	11	185,485	11	168,248	11	150,015	11	131,941	11	114,027	11	96,275
1/4	1/4	1/4	1/4	1/4	218,893	1/4	202,017	1/4	185,133	1/4	167,867	1/4	149,637	1/4	131,566	1/4	113,656	1/4	95,907
1/2	1/2	1/2	1/2	1/2	218,544	1/2	201,666	1/2	184,782	1/2	167,485	1/2	149,259	1/2	131,191	1/2	113,285	1/2	95,539
3/4	3/4	3/4	3/4	3/4	218,194	3/4	201,315	3/4	184,430	3/4	167,104	3/4	148,880	3/4	130,816	3/4	112,913	3/4	95,171

GAUGE LOCATED 27'-2" FROM AFT BULKHEAD AND
1'-2" FROM CENTERLINE BULKHEAD.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: JNV 12/15/99
STRAPPED BY: CL & CKP 11/24/99

SAYBOLT INC.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 12/99

MMC GAUGE HEIGHT 15'-8" COMPUTED IN U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.
0	94.803	0	77.224	0	59.807	0	42.577	0	25.491	0	8.557
1/4	94.435	1/4	76.860	1/4	59.446	1/4	42.221	1/4	25.137	1/4	8.207
1/2	94.067	1/2	76.496	1/2	59.085	1/2	41.864	1/2	24.782	1/2	7.856
3/4	93.699	3/4	76.131	3/4	58.724	3/4	41.507	3/4	24.428	3/4	7.506
1	93.332	1	75.767	1	58.363	1	41.151	1	24.074	1	7.155
1/4	92.964	1/4	75.403	1/4	58.002	1/4	40.795	1/4	23.720	1/4	6.806
1/2	92.597	1/2	75.039	1/2	57.641	1/2	40.438	1/2	23.366	1/2	6.456
3/4	92.229	3/4	74.675	3/4	57.281	3/4	40.082	3/4	23.011	3/4	6.107
2	91.862	2	74.310	2	56.920	2	39.726	2	22.657	2	5.757
1/4	91.495	1/4	73.947	1/4	56.559	1/4	39.369	1/4	22.304	1/4	5.409
1/2	91.127	1/2	73.583	1/2	56.199	1/2	39.012	1/2	21.950	1/2	5.061
3/4	90.760	3/4	73.219	3/4	55.838	3/4	38.655	3/4	21.596	3/4	4.713
3	90.393	3	72.855	3	55.478	3	38.298	3	21.242	3	4.365
1/4	90.026	1/4	72.492	1/4	55.118	1/4	37.941	1/4	20.889	1/4	4.019
1/2	89.659	1/2	72.128	1/2	54.757	1/2	37.584	1/2	20.535	1/2	3.673
3/4	89.292	3/4	71.764	3/4	54.397	3/4	37.227	3/4	20.182	3/4	3.327
4	88.925	4	71.401	4	54.037	4	36.870	4	19.828	4	2.981
1/4	88.559	1/4	71.038	1/4	53.677	1/4	36.514	1/4	19.475	1/4	2.670
1/2	88.192	1/2	70.674	1/2	53.317	1/2	36.157	1/2	19.122	1/2	2.359
3/4	87.826	3/4	70.311	3/4	52.957	3/4	35.801	3/4	18.768	3/4	2.048
5	87.459	5	69.948	5	52.597	5	35.444	5	18.415	5	1.737
1/4	87.093	1/4	69.585	1/4	52.238	1/4	35.088	1/4	18.062	1/4	1.507
1/2	86.726	1/2	69.222	1/2	51.878	1/2	34.731	1/2	17.709	1/2	1.278
3/4	86.360	3/4	68.859	3/4	51.518	3/4	34.375	3/4	17.356	3/4	1.048
6	85.994	6	68.496	6	51.159	6	34.019	6	17.003	6	819
1/4	85.627	1/4	68.133	1/4	50.800	1/4	33.663	1/4	16.651	1/4	677
1/2	85.261	1/2	67.770	1/2	50.442	1/2	33.307	1/2	16.298	1/2	535
3/4	84.895	3/4	67.408	3/4	50.084	3/4	32.951	3/4	15.945	3/4	393
7	84.529	7	67.045	7	49.725	7	32.595	7	15.593	7	251
1/4	84.163	1/4	66.682	1/4	49.367	1/4	32.239	1/4	15.240	1/4	196
1/2	83.798	1/2	66.320	1/2	49.009	1/2	31.883	1/2	14.888	1/2	142
3/4	83.432	3/4	65.957	3/4	48.651	3/4	31.527	3/4	14.536	3/4	88
8	83.066	8	65.595	8	48.293	8	31.172	8	14.183	8	33
1/4	82.701	1/4	65.233	1/4	47.936	1/4	30.816	1/4	13.831		
1/2	82.335	1/2	64.871	1/2	47.578	1/2	30.461	1/2	13.479		
3/4	81.969	3/4	64.509	3/4	47.220	3/4	30.105	3/4	13.127		
9	81.604	9	64.146	9	46.863	9	29.750	9	12.775		
1/4	81.239	1/4	63.784	1/4	46.505	1/4	29.395	1/4	12.423		
1/2	80.874	1/2	63.423	1/2	46.148	1/2	29.040	1/2	12.071		
3/4	80.508	3/4	63.061	3/4	45.790	3/4	28.684	3/4	11.719		
10	80.143	10	62.699	10	45.433	10	28.329	10	11.367		
1/4	79.778	1/4	62.337	1/4	45.076	1/4	27.974	1/4	11.016		
1/2	79.413	1/2	61.976	1/2	44.719	1/2	27.619	1/2	10.664		
3/4	79.048	3/4	61.614	3/4	44.362	3/4	27.264	3/4	10.313		
11	78.683	11	61.252	11	44.005	11	26.910	11	9.961		
1/4	78.319	1/4	60.891	1/4	43.648	1/4	26.555	1/4	9.610		
1/2	77.954	1/2	60.530	1/2	43.291	1/2	26.200	1/2	9.259		
3/4	77.589	3/4	60.168	3/4	42.934	3/4	25.846	3/4	8.908		

GAUGE LOCATED 27'-2" FROM AFT BULKHEAD AND
1'-2" FROM CENTERLINE BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 12/99

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: JW
STRAPPED BY: CL & CKP
SAYBOLT INC.
12/15/99
11/24/99

MMC GAUGE HEIGHT 15'-3 7/8"

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	110.002	0	101.763	0	93.445	0	85.119	0	76.792	0	68.462	0	60.132	0	51.802		
1/4	1/4	1/4	109.831	1/4	101.589	1/4	93.272	1/4	84.945	1/4	76.619	1/4	68.289	1/4	59.959	1/4	51.629		
1/2	1/2	1/2	109.660	1/2	101.416	1/2	93.098	1/2	84.772	1/2	76.445	1/2	68.115	1/2	59.785	1/2	51.455		
3/4	3/4	3/4	109.489	3/4	101.242	3/4	92.925	3/4	84.598	3/4	76.272	3/4	67.941	3/4	59.612	3/4	51.282		
1	1	1	109.317	1	101.069	1	92.751	1	84.425	1	76.098	1	67.768	1	59.438	1	51.108		
1/4	1/4	1/4	109.146	1/4	100.895	1/4	92.578	1/4	84.251	1/4	75.925	1/4	67.594	1/4	59.264	1/4	50.935		
1/2	1/2	1/2	108.975	1/2	100.722	1/2	92.404	1/2	84.078	1/2	75.751	1/2	67.421	1/2	59.091	1/2	50.761		
3/4	3/4	3/4	108.804	3/4	100.548	3/4	92.231	3/4	83.904	3/4	75.578	3/4	67.247	3/4	58.917	3/4	50.587		
2	2	2	108.632	2	100.375	2	92.057	2	83.731	2	75.404	2	67.074	2	58.744	2	50.414		
1/4	1/4	1/4	108.461	1/4	100.202	1/4	91.884	1/4	83.557	1/4	75.231	1/4	66.900	1/4	58.570	1/4	50.240		
1/2	1/2	1/2	108.290	1/2	100.028	1/2	91.711	1/2	83.384	1/2	75.057	1/2	66.727	1/2	58.397	1/2	50.067		
3/4	3/4	3/4	108.118	3/4	99.855	3/4	91.537	3/4	83.210	3/4	74.884	3/4	66.553	3/4	58.223	3/4	49.893		
3	3	3	107.947	3	99.681	3	91.364	3	83.037	3	74.710	3	66.380	3	58.050	3	49.720		
1/4	1/4	1/4	107.776	1/4	99.508	1/4	91.190	1/4	82.864	1/4	74.536	1/4	66.206	1/4	57.876	1/4	49.546		
1/2	1/2	1/2	107.605	1/2	99.334	1/2	91.017	1/2	82.690	1/2	74.362	1/2	66.033	1/2	57.703	1/2	49.373		
3/4	3/4	3/4	107.433	3/4	99.161	3/4	90.843	3/4	82.517	3/4	74.189	3/4	65.859	3/4	57.529	3/4	49.199		
4	4	4	107.262	4	98.987	4	90.670	4	82.343	4	74.015	4	65.685	4	57.356	4	49.026		
1/4	1/4	1/4	107.091	1/4	98.814	1/4	90.496	1/4	82.170	1/4	73.842	1/4	65.512	1/4	57.182	1/4	48.852		
1/2	1/2	1/2	106.919	1/2	98.640	1/2	90.323	1/2	81.996	1/2	73.668	1/2	65.338	1/2	57.008	1/2	48.679		
3/4	3/4	3/4	106.748	3/4	98.467	3/4	90.149	3/4	81.823	3/4	73.495	3/4	65.165	3/4	56.835	3/4	48.505		
5	5	5	106.577	5	98.293	5	89.976	5	81.649	5	73.321	5	64.991	5	56.661	5	48.331		
1/4	1/4	1/4	106.405	1/4	98.120	1/4	89.802	1/4	81.476	1/4	73.148	1/4	64.818	1/4	56.488	1/4	48.158		
1/2	1/2	1/2	106.234	1/2	97.946	1/2	89.629	1/2	81.302	1/2	72.974	1/2	64.644	1/2	56.314	1/2	47.984		
3/4	3/4	3/4	106.063	3/4	97.773	3/4	89.455	3/4	81.129	3/4	72.801	3/4	64.471	3/4	56.141	3/4	47.811		
6	6	6	105.892	6	97.599	6	89.282	6	80.965	6	72.627	6	64.297	6	55.967	6	47.637		
1/4	1/4	1/4	105.720	1/4	97.426	1/4	89.108	1/4	80.782	1/4	72.454	1/4	64.124	1/4	55.794	1/4	47.464		
1/2	1/2	1/2	105.549	1/2	97.253	1/2	88.935	1/2	80.608	1/2	72.280	1/2	63.950	1/2	55.620	1/2	47.290		
3/4	3/4	3/4	105.378	3/4	97.079	3/4	88.762	3/4	80.435	3/4	72.106	3/4	63.777	3/4	55.447	3/4	47.117		
7	7	7	105.206	7	96.906	7	88.588	7	80.262	7	71.933	7	63.603	7	55.273	7	46.943		
1/4	1/4	1/4	105.035	1/4	96.732	1/4	88.415	1/4	80.088	1/4	71.759	1/4	63.429	1/4	55.100	1/4	46.770		
1/2	1/2	1/2	104.864	1/2	96.559	1/2	88.241	1/2	79.915	1/2	71.586	1/2	63.256	1/2	54.926	1/2	46.596		
3/4	3/4	3/4	104.692	3/4	96.385	3/4	88.068	3/4	79.741	3/4	71.412	3/4	63.082	3/4	54.752	3/4	46.423		
8	8	8	112.181	8	96.212	8	87.894	8	79.568	8	71.239	8	62.909	8	54.579	8	46.249		
1/4	1/4	1/4	112.089	1/4	104.350	1/4	96.039	1/4	87.721	1/4	79.394	1/4	62.735	1/4	54.405	1/4	46.075		
1/2	1/2	1/2	111.997	1/2	104.179	1/2	95.867	1/2	87.547	1/2	79.221	1/2	62.562	1/2	54.232	1/2	45.902		
3/4	3/4	3/4	111.904	3/4	104.007	3/4	95.694	3/4	87.374	3/4	79.047	3/4	62.388	3/4	54.058	3/4	45.728		
9	9	9	111.798	9	103.836	9	95.521	9	87.200	9	70.545	9	62.215	9	53.885	9	45.555		
1/4	1/4	1/4	111.676	1/4	103.665	1/4	95.348	1/4	87.027	1/4	70.371	1/4	62.041	1/4	53.711	1/4	45.381		
1/2	1/2	1/2	111.555	1/2	103.493	1/2	95.176	1/2	86.853	1/2	70.198	1/2	61.868	1/2	53.538	1/2	45.208		
3/4	3/4	3/4	111.434	3/4	103.322	3/4	95.003	3/4	86.680	3/4	70.024	3/4	61.694	3/4	53.364	3/4	45.034		
10	10	10	111.297	10	103.150	10	94.830	10	86.506	10	69.850	10	61.521	10	53.191	10	44.861		
1/4	1/4	1/4	111.144	1/4	102.977	1/4	94.658	1/4	86.333	1/4	69.677	1/4	61.347	1/4	53.017	1/4	44.687		
1/2	1/2	1/2	111.000	1/2	102.803	1/2	94.485	1/2	86.159	1/2	69.503	1/2	61.173	1/2	52.844	1/2	44.514		
3/4	3/4	3/4	110.839	3/4	102.630	3/4	94.312	3/4	85.986	3/4	69.330	3/4	61.000	3/4	52.670	3/4	44.340		
11	11	11	110.678	11	102.457	11	94.139	11	85.813	11	69.156	11	60.826	11	52.496	11	44.167		
1/4	1/4	1/4	110.509	1/4	102.283	1/4	93.966	1/4	85.639	1/4	68.989	1/4	60.653	1/4	52.323	1/4	43.993		
1/2	1/2	1/2	110.340	1/2	102.110	1/2	93.792	1/2	85.466	1/2	68.809	1/2	60.479	1/2	52.149	1/2	43.819		
3/4	3/4	3/4	110.171	3/4	101.936	3/4	93.619	3/4	85.292	3/4	68.636	3/4	60.306	3/4	51.976	3/4	43.646		

GAUGE LOCATED 12'-2" 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 12/99

MMC GAUGE HEIGHT 15'-3 7/8"

COMPUTED IN U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.
0	43,472	0	35,142	0	26,812	0	18,730	0	10,405	0	2,085
1/4	43,299	1/4	34,969	1/4	26,639	1/4	18,557	1/4	10,232	1/4	1,914
1/2	43,125	1/2	34,795	1/2	26,465	1/2	18,385	1/2	10,058	1/2	1,742
3/4	42,952	3/4	34,622	3/4	26,292	3/4	18,213	3/4	9,885	3/4	1,571
1	42,778	1	34,448	1	26,119	1	18,041	1	9,711	1	1,408
1/4	42,605	1/4	34,275	1/4	25,947	1/4	17,867	1/4	9,538	1/4	1,254
1/2	42,431	1/2	34,101	1/2	25,774	1/2	17,694	1/2	9,364	1/2	1,099
3/4	42,258	3/4	33,928	3/4	25,602	3/4	17,521	3/4	9,191	3/4	945
2	42,084	2	33,754	2	25,430	2	17,347	2	9,017	2	811
1/4	41,910	1/4	33,581	1/4	25,258	1/4	17,173	1/4	8,843	1/4	697
1/2	41,737	1/2	33,407	1/2	25,086	1/2	17,000	1/2	8,670	1/2	583
3/4	41,563	3/4	33,233	3/4	24,914	3/4	16,826	3/4	8,496	3/4	470
3	41,390	3	33,060	3	24,744	3	16,653	3	8,323	3	377
1/4	41,216	1/4	32,886	1/4	24,577	1/4	16,479	1/4	8,149	1/4	307
1/2	41,043	1/2	32,713	1/2	24,410	1/2	16,306	1/2	7,976	1/2	237
3/4	40,869	3/4	32,539	3/4	24,243	3/4	16,132	3/4	7,802	3/4	166
4	40,696	4	32,366	4	24,076	4	15,959	4	7,629	4	131
1/4	40,522	1/4	32,192	1/4	23,910	1/4	15,785	1/4	7,455		
1/2	40,349	1/2	32,019	1/2	23,743	1/2	15,612	1/2	7,282		
3/4	40,175	3/4	31,845	3/4	23,577	3/4	15,438	3/4	7,108		
5	40,002	5	31,672	5	23,411	5	15,264	5	6,935		
1/4	39,828	1/4	31,498	1/4	23,244	1/4	15,091	1/4	6,761		
1/2	39,654	1/2	31,325	1/2	23,078	1/2	14,917	1/2	6,587		
3/4	39,481	3/4	31,151	3/4	22,912	3/4	14,744	3/4	6,414		
6	39,307	6	30,977	6	22,745	6	14,570	6	6,240		
1/4	39,134	1/4	30,804	1/4	22,579	1/4	14,397	1/4	6,067		
1/2	38,960	1/2	30,630	1/2	22,412	1/2	14,223	1/2	5,893		
3/4	38,787	3/4	30,457	3/4	22,246	3/4	14,050	3/4	5,720		
7	38,613	7	30,283	7	22,080	7	13,876	7	5,546		
1/4	38,440	1/4	30,110	1/4	21,913	1/4	13,703	1/4	5,373		
1/2	38,266	1/2	29,936	1/2	21,747	1/2	13,529	1/2	5,199		
3/4	38,093	3/4	29,763	3/4	21,581	3/4	13,356	3/4	5,026		
8	37,919	8	29,589	8	21,414	8	13,182	8	4,852		
1/4	37,746	1/4	29,416	1/4	21,248	1/4	13,008	1/4	4,679		
1/2	37,572	1/2	29,242	1/2	21,082	1/2	12,835	1/2	4,505		
3/4	37,398	3/4	29,069	3/4	20,915	3/4	12,661	3/4	4,332		
9	37,225	9	28,895	9	20,749	9	12,488	9	4,158		
1/4	37,051	1/4	28,721	1/4	20,582	1/4	12,314	1/4	3,985		
1/2	36,878	1/2	28,548	1/2	20,416	1/2	12,141	1/2	3,812		
3/4	36,704	3/4	28,374	3/4	20,250	3/4	11,967	3/4	3,639		
10	36,531	10	28,201	10	20,083	10	11,794	10	3,466		
1/4	36,357	1/4	28,027	1/4	19,917	1/4	11,620	1/4	3,293		
1/2	36,184	1/2	27,854	1/2	19,751	1/2	11,447	1/2	3,120		
3/4	36,010	3/4	27,680	3/4	19,584	3/4	11,273	3/4	2,947		
11	35,837	11	27,507	11	19,415	11	11,100	11	2,774		
1/4	35,663	1/4	27,333	1/4	19,244	1/4	10,926	1/4	2,602		
1/2	35,490	1/2	27,160	1/2	19,073	1/2	10,752	1/2	2,429		
3/4	35,316	3/4	26,986	3/4	18,901	3/4	10,579	3/4	2,257		

GAUGE LOCATED 12'-2" 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 12/99

MMC GAUGE HEIGHT 15'-4"

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	108.971	0	100.833	0	92.616	0	84.389	0	76.163	0	67.936	0	59.706	0	51.477
1/4	1/4	1/4	1/4	1/4	108.802	1/4	100.661	1/4	92.444	1/4	84.218	1/4	75.992	1/4	67.764	1/4	59.535	1/4	51.305
1/2	1/2	1/2	1/2	1/2	108.633	1/2	100.490	1/2	92.273	1/2	84.047	1/2	75.820	1/2	67.593	1/2	59.306	1/2	51.076
3/4	3/4	3/4	3/4	3/4	108.464	3/4	100.319	3/4	92.101	3/4	83.875	3/4	75.649	3/4	67.421	3/4	59.192	3/4	50.862
1	1	1	1	1	108.295	1	100.147	1	91.930	1	83.704	1	75.478	1	67.250	1	59.020	1	50.791
1/4	1/4	1/4	1/4	1/4	108.126	1/4	99.976	1/4	91.759	1/4	83.532	1/4	75.306	1/4	67.079	1/4	58.849	1/4	50.562
1/2	1/2	1/2	1/2	1/2	107.957	1/2	99.804	1/2	91.587	1/2	83.361	1/2	75.135	1/2	66.907	1/2	58.678	1/2	50.448
3/4	3/4	3/4	3/4	3/4	107.787	3/4	99.633	3/4	91.416	3/4	83.190	3/4	74.963	3/4	66.736	3/4	58.506	3/4	50.276
2	2	2	2	2	107.618	2	99.462	2	91.244	2	83.018	2	74.792	2	66.564	2	58.335	2	50.105
1/4	1/4	1/4	1/4	1/4	107.449	1/4	99.290	1/4	91.073	1/4	82.847	1/4	74.621	1/4	66.393	1/4	58.163	1/4	49.934
1/2	1/2	1/2	1/2	1/2	107.280	1/2	99.119	1/2	90.902	1/2	82.675	1/2	74.450	1/2	66.221	1/2	57.992	1/2	49.762
3/4	3/4	3/4	3/4	3/4	107.110	3/4	98.948	3/4	90.730	3/4	82.504	3/4	74.279	3/4	66.050	3/4	57.820	3/4	49.591
3	3	3	3	3	106.941	3	98.776	3	90.559	3	82.333	3	74.108	3	65.878	3	57.649	3	49.419
1/4	1/4	1/4	1/4	1/4	106.772	1/4	98.605	1/4	90.388	1/4	82.161	1/4	73.937	1/4	65.707	1/4	57.477	1/4	49.248
1/2	1/2	1/2	1/2	1/2	106.603	1/2	98.433	1/2	90.216	1/2	81.990	1/2	73.765	1/2	65.536	1/2	57.306	1/2	49.076
3/4	3/4	3/4	3/4	3/4	106.433	3/4	98.262	3/4	90.045	3/4	81.819	3/4	73.594	3/4	65.364	3/4	57.134	3/4	48.905
4	4	4	4	4	106.264	4	98.091	4	89.873	4	81.647	4	73.422	4	65.193	4	56.963	4	48.733
1/4	1/4	1/4	1/4	1/4	106.095	1/4	97.919	1/4	89.702	1/4	81.476	1/4	73.251	1/4	65.021	1/4	56.792	1/4	48.562
1/2	1/2	1/2	1/2	1/2	105.926	1/2	97.748	1/2	89.531	1/2	81.304	1/2	73.079	1/2	64.850	1/2	56.620	1/2	48.391
3/4	3/4	3/4	3/4	3/4	105.756	3/4	97.576	3/4	89.359	3/4	81.133	3/4	72.908	3/4	64.678	3/4	56.449	3/4	48.219
5	5	5	5	5	105.587	5	97.405	5	89.188	5	80.962	5	72.736	5	64.507	5	56.277	5	48.048
1/4	1/4	1/4	1/4	1/4	105.418	1/4	97.234	1/4	89.017	1/4	80.790	1/4	72.565	1/4	64.335	1/4	56.106	1/4	47.876
1/2	1/2	1/2	1/2	1/2	105.249	1/2	97.062	1/2	88.845	1/2	80.617	1/2	72.394	1/2	64.164	1/2	55.934	1/2	47.705
3/4	3/4	3/4	3/4	3/4	105.080	3/4	96.891	3/4	88.674	3/4	80.448	3/4	72.222	3/4	63.992	3/4	55.763	3/4	47.533
6	6	6	6	6	104.910	6	96.720	6	88.502	6	80.276	6	72.051	6	63.821	6	55.591	6	47.362
1/4	1/4	1/4	1/4	1/4	104.741	1/4	96.548	1/4	88.331	1/4	80.105	1/4	71.879	1/4	63.650	1/4	55.420	1/4	47.190
1/2	1/2	1/2	1/2	1/2	104.572	1/2	96.377	1/2	88.160	1/2	79.933	1/2	71.708	1/2	63.478	1/2	55.249	1/2	47.019
3/4	3/4	3/4	3/4	3/4	104.403	3/4	96.205	3/4	87.988	3/4	79.762	3/4	71.536	3/4	63.307	3/4	55.077	3/4	46.847
7	7	7	7	7	104.233	7	96.034	7	87.817	7	79.591	7	71.365	7	63.135	7	54.906	7	46.676
1/4	1/4	1/4	1/4	1/4	104.064	1/4	95.863	1/4	87.646	1/4	79.419	1/4	71.193	1/4	62.964	1/4	54.734	1/4	46.505
1/2	1/2	1/2	1/2	1/2	103.895	1/2	95.691	1/2	87.474	1/2	79.248	1/2	71.022	1/2	62.792	1/2	54.563	1/2	46.333
3/4	3/4	3/4	3/4	3/4	103.726	3/4	95.520	3/4	87.303	3/4	79.077	3/4	70.850	3/4	62.621	3/4	54.391	3/4	46.162
8	8	8	8	8	103.556	8	95.349	8	87.131	8	78.905	8	70.679	8	62.449	8	54.220	8	45.990
1/4	1/4	1/4	1/4	1/4	103.387	1/4	95.178	1/4	86.960	1/4	78.734	1/4	70.508	1/4	62.278	1/4	54.048	1/4	45.819
1/2	1/2	1/2	1/2	1/2	103.218	1/2	95.007	1/2	86.789	1/2	78.562	1/2	70.336	1/2	62.107	1/2	53.877	1/2	45.647
3/4	3/4	3/4	3/4	3/4	103.049	3/4	94.836	3/4	86.617	3/4	78.391	3/4	70.165	3/4	61.935	3/4	53.705	3/4	45.476
9	9	9	9	9	102.880	9	94.666	9	86.446	9	78.220	9	69.993	9	61.764	9	53.534	9	45.304
1/4	1/4	1/4	1/4	1/4	102.710	1/4	94.495	1/4	86.274	1/4	78.048	1/4	69.822	1/4	61.592	1/4	53.363	1/4	45.133
1/2	1/2	1/2	1/2	1/2	102.541	1/2	94.325	1/2	86.103	1/2	77.877	1/2	69.650	1/2	61.421	1/2	53.191	1/2	44.962
3/4	3/4	3/4	3/4	3/4	102.372	3/4	94.154	3/4	85.932	3/4	77.705	3/4	69.479	3/4	61.249	3/4	53.020	3/4	44.790
10	10	10	10	10	102.203	10	93.983	10	85.760	10	77.534	10	69.307	10	61.078	10	52.848	10	44.619
1/4	1/4	1/4	1/4	1/4	102.032	1/4	93.813	1/4	85.589	1/4	77.363	1/4	69.136	1/4	60.906	1/4	52.677	1/4	44.447
1/2	1/2	1/2	1/2	1/2	101.860	1/2	93.642	1/2	85.418	1/2	77.191	1/2	68.965	1/2	60.735	1/2	52.505	1/2	44.276
3/4	3/4	3/4	3/4	3/4	101.689	3/4	93.472	3/4	85.246	3/4	77.020	3/4	68.793	3/4	60.563	3/4	52.334	3/4	44.104
11	11	11	11	11	101.518	11	93.301	11	85.075	11	76.849	11	68.622	11	60.392	11	52.162	11	43.933
1/4	1/4	1/4	1/4	1/4	101.347	1/4	93.130	1/4	84.903	1/4	76.677	1/4	68.450	1/4	60.221	1/4	51.991	1/4	43.761
1/2	1/2	1/2	1/2	1/2	101.175	1/2	92.958	1/2	84.732	1/2	76.506	1/2	68.279	1/2	60.049	1/2	51.820	1/2	43.590
3/4	3/4	3/4	3/4	3/4	101.004	3/4	92.787	3/4	84.561	3/4	76.334	3/4	68.107	3/4	59.878	3/4	51.648	3/4	43.418

GAUGE LOCATED 24'-6" 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 12/99

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: JLV 12/5/99
STRAPPED BY: CL & CKP 11/24/99
SAYBOLT INC.

MMC GAUGE HEIGHT 15'-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	43.247	0	35.017	0	26.788	0	18.595	0	10.366	0	2.145
1/4	43.076	1/4	34.846	1/4	26.616	1/4	18.424	1/4	10.194	1/4	1.975
1/2	42.904	1/2	34.675	1/2	26.445	1/2	18.252	1/2	10.023	1/2	1.806
3/4	42.733	3/4	34.503	3/4	26.273	3/4	18.081	3/4	9.851	3/4	1.636
1	42.561	1	34.332	1	26.102	1	17.909	1	9.680	1	1.467
1/4	42.390	1/4	34.160	1/4	25.931	1/4	17.738	1/4	9.508	1/4	1.315
1/2	42.218	1/2	33.989	1/2	25.759	1/2	17.566	1/2	9.337	1/2	1.162
3/4	42.047	3/4	33.817	3/4	25.588	3/4	17.395	3/4	9.165	3/4	1.010
2	41.875	2	33.646	2	25.416	2	17.224	2	8.994	2	858
1/4	41.704	1/4	33.474	1/4	25.245	1/4	17.052	1/4	8.822	1/4	745
1/2	41.533	1/2	33.303	1/2	25.073	1/2	16.881	1/2	8.651	1/2	633
3/4	41.361	3/4	33.131	3/4	24.902	3/4	16.709	3/4	8.480	3/4	520
3	41.190	3	32.960	3	24.730	3	16.538	3	8.308	3	408
1/4	41.018	1/4	32.789	1/4	24.560	1/4	16.366	1/4	8.137	1/4	338
1/2	40.847	1/2	32.617	1/2	24.389	1/2	16.195	1/2	7.965	1/2	268
3/4	40.675	3/4	32.446	3/4	24.219	3/4	16.023	3/4	7.794	3/4	199
4	40.504	4	32.274	4	24.049	4	15.852	4	7.622	4	129
1/4	40.332	1/4	32.103	1/4	23.878	1/4	15.680	1/4	7.451		
1/2	40.161	1/2	31.931	1/2	23.708	1/2	15.509	1/2	7.279		
3/4	39.989	3/4	31.760	3/4	23.538	3/4	15.338	3/4	7.108		
5	39.818	5	31.588	5	23.367	5	15.166	5	6.937		
1/4	39.647	1/4	31.417	1/4	23.197	1/4	14.995	1/4	6.765		
1/2	39.475	1/2	31.246	1/2	23.027	1/2	14.823	1/2	6.594		
3/4	39.304	3/4	31.074	3/4	22.856	3/4	14.652	3/4	6.422		
6	39.132	6	30.903	6	22.686	6	14.480	6	6.251		
1/4	38.961	1/4	30.731	1/4	22.516	1/4	14.309	1/4	6.079		
1/2	38.789	1/2	30.560	1/2	22.345	1/2	14.137	1/2	5.908		
3/4	38.618	3/4	30.388	3/4	22.175	3/4	13.966	3/4	5.736		
7	38.446	7	30.217	7	22.005	7	13.795	7	5.565		
1/4	38.275	1/4	30.045	1/4	21.835	1/4	13.623	1/4	5.394		
1/2	38.104	1/2	29.874	1/2	21.664	1/2	13.452	1/2	5.222		
3/4	37.932	3/4	29.702	3/4	21.494	3/4	13.280	3/4	5.051		
8	37.761	8	29.531	8	21.324	8	13.109	8	4.879		
1/4	37.589	1/4	29.360	1/4	21.153	1/4	12.937	1/4	4.708		
1/2	37.418	1/2	29.188	1/2	20.983	1/2	12.766	1/2	4.537		
3/4	37.246	3/4	29.017	3/4	20.813	3/4	12.594	3/4	4.365		
9	37.075	9	28.845	9	20.642	9	12.423	9	4.194		
1/4	36.903	1/4	28.674	1/4	20.472	1/4	12.251	1/4	4.023		
1/2	36.732	1/2	28.502	1/2	20.302	1/2	12.080	1/2	3.851		
3/4	36.560	3/4	28.331	3/4	20.131	3/4	11.909	3/4	3.680		
10	36.389	10	28.159	10	19.961	10	11.737	10	3.509		
1/4	36.218	1/4	27.988	1/4	19.791	1/4	11.566	1/4	3.338		
1/2	36.046	1/2	27.817	1/2	19.621	1/2	11.394	1/2	3.168		
3/4	35.875	3/4	27.645	3/4	19.450	3/4	11.223	3/4	2.997		
11	35.703	11	27.474	11	19.280	11	11.051	11	2.826		
1/4	35.532	1/4	27.302	1/4	19.109	1/4	10.880	1/4	2.655		
1/2	35.360	1/2	27.131	1/2	18.938	1/2	10.708	1/2	2.485		
3/4	35.189	3/4	26.959	3/4	18.766	3/4	10.537	3/4	2.315		

GAUGE LOCATED 24'-6" 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 12/99

TANK 3

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	223.202	0	223.202	0	206.975	0	190.340	0	173.701	0	157.057	0	140.413	0	123.765	0	107.118
1/4	1/4	1/4	222.954	1/4	222.954	1/4	206.631	1/4	189.994	1/4	173.354	1/4	156.710	1/4	139.066	1/4	123.418	1/4	106.771
1/2	1/2	1/2	222.676	1/2	222.676	1/2	206.285	1/2	189.648	1/2	173.008	1/2	156.364	1/2	139.719	1/2	123.072	1/2	106.424
3/4	3/4	3/4	222.368	3/4	222.368	3/4	205.938	3/4	189.302	3/4	172.661	3/4	156.017	3/4	139.372	3/4	122.725	3/4	106.077
1	1	1	222.060	1	222.060	1	205.592	1	188.956	1	172.314	1	155.670	1	139.025	1	122.378	1	105.731
1/4	1/4	1/4	221.752	1/4	221.752	1/4	205.246	1/4	188.610	1/4	171.967	1/4	155.323	1/4	138.678	1/4	122.031	1/4	105.384
1/2	1/2	1/2	221.428	1/2	221.428	1/2	204.899	1/2	188.264	1/2	171.621	1/2	154.977	1/2	138.332	1/2	121.684	1/2	105.037
3/4	3/4	3/4	221.089	3/4	221.089	3/4	204.552	3/4	187.917	3/4	171.274	3/4	154.630	3/4	137.985	3/4	121.337	3/4	104.690
2	2	2	220.749	2	220.749	2	204.205	2	187.571	2	170.927	2	154.283	2	137.638	2	120.991	2	104.343
1/4	1/4	1/4	220.410	1/4	220.410	1/4	203.859	1/4	187.224	1/4	170.560	1/4	153.936	1/4	137.291	1/4	120.644	1/4	103.996
1/2	1/2	1/2	220.068	1/2	220.068	1/2	203.512	1/2	186.878	1/2	170.234	1/2	153.590	1/2	136.944	1/2	120.297	1/2	103.650
3/4	3/4	3/4	219.720	3/4	219.720	3/4	203.165	3/4	186.531	3/4	169.887	3/4	153.243	3/4	136.598	3/4	119.950	3/4	103.303
3	3	3	219.380	3	219.380	3	202.818	3	186.184	3	169.540	3	152.896	3	136.251	3	119.603	3	102.956
1/4	1/4	1/4	219.036	1/4	219.036	1/4	202.472	1/4	185.837	1/4	169.193	1/4	152.549	1/4	135.904	1/4	119.257	1/4	102.609
1/2	1/2	1/2	218.692	1/2	218.692	1/2	202.125	1/2	185.491	1/2	168.847	1/2	152.203	1/2	135.557	1/2	118.910	1/2	102.262
3/4	3/4	3/4	218.347	3/4	218.347	3/4	201.778	3/4	185.144	3/4	168.500	3/4	151.856	3/4	135.210	3/4	118.563	3/4	101.916
4	4	4	218.003	4	218.003	4	201.431	4	184.797	4	168.153	4	151.509	4	134.863	4	118.216	4	101.569
1/4	1/4	1/4	217.658	1/4	217.658	1/4	201.085	1/4	184.450	1/4	167.806	1/4	151.162	1/4	134.517	1/4	117.869	1/4	101.222
1/2	1/2	1/2	217.314	1/2	217.314	1/2	200.738	1/2	184.104	1/2	167.460	1/2	150.816	1/2	134.170	1/2	117.522	1/2	100.875
3/4	3/4	3/4	216.969	3/4	216.969	3/4	200.391	3/4	183.757	3/4	167.113	3/4	150.469	3/4	133.823	3/4	117.176	3/4	100.528
5	5	5	216.624	5	216.624	5	200.044	5	183.410	5	166.766	5	150.123	5	133.476	5	116.829	5	100.181
1/4	1/4	1/4	216.280	1/4	216.280	1/4	199.698	1/4	183.063	1/4	166.419	1/4	149.776	1/4	133.129	1/4	116.482	1/4	99.835
1/2	1/2	1/2	215.935	1/2	215.935	1/2	199.351	1/2	182.717	1/2	166.073	1/2	149.430	1/2	132.783	1/2	116.135	1/2	99.488
3/4	3/4	3/4	215.591	3/4	215.591	3/4	199.004	3/4	182.370	3/4	165.726	3/4	149.083	3/4	132.436	3/4	115.788	3/4	99.141
6	6	6	215.246	6	215.246	6	198.657	6	182.023	6	165.379	6	148.736	6	132.089	6	115.442	6	98.794
1/4	1/4	1/4	214.901	1/4	214.901	1/4	198.311	1/4	181.676	1/4	165.032	1/4	148.389	1/4	131.742	1/4	115.095	1/4	98.447
1/2	1/2	1/2	214.557	1/2	214.557	1/2	197.964	1/2	181.330	1/2	164.686	1/2	148.043	1/2	131.395	1/2	114.748	1/2	98.101
3/4	3/4	3/4	214.212	3/4	214.212	3/4	197.617	3/4	180.983	3/4	164.339	3/4	147.696	3/4	131.048	3/4	114.401	3/4	97.754
7	7	7	213.868	7	213.868	7	197.270	7	180.636	7	163.992	7	147.349	7	130.702	7	114.054	7	97.407
1/4	1/4	1/4	213.523	1/4	213.523	1/4	196.924	1/4	180.289	1/4	163.645	1/4	147.002	1/4	130.355	1/4	113.707	1/4	97.060
1/2	1/2	1/2	213.178	1/2	213.178	1/2	196.577	1/2	179.943	1/2	163.299	1/2	146.655	1/2	130.008	1/2	113.361	1/2	96.713
3/4	3/4	3/4	212.834	3/4	212.834	3/4	196.230	3/4	179.596	3/4	162.952	3/4	146.308	3/4	129.661	3/4	113.014	3/4	96.366
8	8	8	212.489	8	212.489	8	195.883	8	179.249	8	162.605	8	145.962	8	129.314	8	112.667	8	96.020
1/4	1/4	1/4	212.144	1/4	212.144	1/4	195.537	1/4	178.902	1/4	162.258	1/4	145.615	1/4	128.967	1/4	112.320	1/4	95.673
1/2	1/2	1/2	211.800	1/2	211.800	1/2	195.190	1/2	178.556	1/2	161.912	1/2	145.268	1/2	128.621	1/2	111.973	1/2	95.326
3/4	3/4	3/4	211.455	3/4	211.455	3/4	194.843	3/4	178.209	3/4	161.565	3/4	144.921	3/4	128.274	3/4	111.626	3/4	94.979
9	9	9	211.111	9	211.111	9	194.496	9	177.862	9	161.218	9	144.574	9	127.927	9	111.280	9	94.632
1/4	1/4	1/4	210.766	1/4	210.766	1/4	194.150	1/4	177.515	1/4	160.871	1/4	144.228	1/4	127.580	1/4	110.933	1/4	94.285
1/2	1/2	1/2	210.421	1/2	210.421	1/2	193.803	1/2	177.169	1/2	160.525	1/2	143.881	1/2	127.233	1/2	110.586	1/2	93.939
3/4	3/4	3/4	210.077	3/4	210.077	3/4	193.456	3/4	176.822	3/4	160.178	3/4	143.534	3/4	126.887	3/4	110.239	3/4	93.592
10	10	10	209.732	10	209.732	10	193.109	10	176.475	10	159.831	10	143.187	10	126.540	10	109.892	10	93.245
1/4	1/4	1/4	209.387	1/4	209.387	1/4	192.763	1/4	176.128	1/4	159.484	1/4	142.840	1/4	126.194	1/4	109.546	1/4	92.898
1/2	1/2	1/2	209.043	1/2	209.043	1/2	192.416	1/2	175.782	1/2	159.138	1/2	142.493	1/2	125.846	1/2	109.199	1/2	92.551
3/4	3/4	3/4	208.698	3/4	208.698	3/4	192.070	3/4	175.435	3/4	158.791	3/4	142.147	3/4	125.499	3/4	108.852	3/4	92.205
11	11	11	208.354	11	208.354	11	191.724	11	175.088	11	158.444	11	141.800	11	125.152	11	108.505	11	91.858
1/4	1/4	1/4	208.009	1/4	208.009	1/4	191.378	1/4	174.741	1/4	158.097	1/4	141.453	1/4	124.806	1/4	108.158	1/4	91.511
1/2	1/2	1/2	207.664	1/2	207.664	1/2	191.032	1/2	174.395	1/2	157.751	1/2	141.106	1/2	124.459	1/2	107.811	1/2	91.164
3/4	3/4	3/4	207.320	3/4	207.320	3/4	190.686	3/4	174.048	3/4	157.404	3/4	140.759	3/4	124.112	3/4	107.465	3/4	90.817

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY:	JW	12/15/99
STRAPPED BY:	CL & CKP	11/24/99

SAYBOLT INC.

COPIES

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MMC GAUGE HEIGHT 15'-7 3/8"

COMPUTED IN U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.
0	90.470	0	73.823	0	57.176	0	40.795	0	24.251	0	7.605
1/4	90.124	1/4	73.476	1/4	56.829	1/4	40.456	1/4	23.905	1/4	7.259
1/2	89.777	1/2	73.129	1/2	56.482	1/2	40.118	1/2	23.558	1/2	6.913
3/4	89.430	3/4	72.783	3/4	56.135	3/4	39.779	3/4	23.211	3/4	6.567
1	89.083	1	72.436	1	55.788	1	39.440	1	22.864	1	6.222
1/4	88.736	1/4	72.089	1/4	55.442	1/4	39.101	1/4	22.517	1/4	5.876
1/2	88.390	1/2	71.742	1/2	55.095	1/2	38.762	1/2	22.170	1/2	5.531
3/4	88.043	3/4	71.395	3/4	54.748	3/4	38.423	3/4	21.824	3/4	5.186
2	87.696	2	71.048	2	54.401	2	38.083	2	21.477	2	4.842
1/4	87.349	1/4	70.702	1/4	54.054	1/4	37.743	1/4	21.130	1/4	4.497
1/2	87.002	1/2	70.355	1/2	53.707	1/2	37.404	1/2	20.783	1/2	4.153
3/4	86.655	3/4	70.008	3/4	53.360	3/4	37.064	3/4	20.436	3/4	3.811
3	86.309	3	69.661	3	53.014	3	36.724	3	20.089	3	3.468
1/4	85.962	1/4	69.314	1/4	52.667	1/4	36.384	1/4	19.742	1/4	3.125
1/2	85.615	1/2	68.968	1/2	52.323	1/2	36.041	1/2	19.396	1/2	2.800
3/4	85.268	3/4	68.621	3/4	51.982	3/4	35.695	3/4	19.049	3/4	2.492
4	84.921	4	68.274	4	51.642	4	35.349	4	18.702	4	2.183
1/4	84.575	1/4	67.927	1/4	51.301	1/4	35.003	1/4	18.355	1/4	1.875
1/2	84.228	1/2	67.580	1/2	50.961	1/2	34.657	1/2	18.008	1/2	1.608
3/4	83.881	3/4	67.234	3/4	50.621	3/4	34.310	3/4	17.661	3/4	1.380
5	83.534	5	66.887	5	50.281	5	33.963	5	17.314	5	1.153
1/4	83.187	1/4	66.540	1/4	49.942	1/4	33.616	1/4	16.968	1/4	925
1/2	82.840	1/2	66.193	1/2	49.602	1/2	33.270	1/2	16.621	1/2	741
3/4	82.494	3/4	65.846	3/4	49.263	3/4	32.923	3/4	16.274	3/4	600
6	82.147	6	65.499	6	48.925	6	32.576	6	15.927	6	460
1/4	81.800	1/4	65.153	1/4	48.586	1/4	32.229	1/4	15.580	1/4	319
1/2	81.453	1/2	64.806	1/2	48.247	1/2	31.882	1/2	15.233	1/2	222
3/4	81.106	3/4	64.459	3/4	47.908	3/4	31.535	3/4	14.887	3/4	168
7	80.760	7	64.112	7	47.569	7	31.188	7	14.540	7	114
1/4	80.413	1/4	63.765	1/4	47.231	1/4	30.842	1/4	14.193	1/4	60
1/2	80.066	1/2	63.419	1/2	46.892	1/2	30.495	1/2	13.846	1/2	33
3/4	79.719	3/4	63.072	3/4	46.553	3/4	30.148	3/4	13.499	3/4	
8	79.372	8	62.725	8	46.214	8	29.801	8	13.152	8	
1/4	79.025	1/4	62.378	1/4	45.876	1/4	29.454	1/4	12.805	1/4	
1/2	78.679	1/2	62.031	1/2	45.537	1/2	29.107	1/2	12.459	1/2	
3/4	78.332	3/4	61.684	3/4	45.198	3/4	28.761	3/4	12.112	3/4	
9	77.985	9	61.338	9	44.860	9	28.414	9	11.765	9	
1/4	77.638	1/4	60.991	1/4	44.521	1/4	28.067	1/4	11.418	1/4	
1/2	77.291	1/2	60.644	1/2	44.182	1/2	27.720	1/2	11.071	1/2	
3/4	76.944	3/4	60.297	3/4	43.843	3/4	27.373	3/4	10.724	3/4	
10	76.598	10	59.950	10	43.505	10	27.026	10	10.378	10	
1/4	76.251	1/4	59.603	1/4	43.166	1/4	26.679	1/4	10.031	1/4	
1/2	75.904	1/2	59.257	1/2	42.827	1/2	26.333	1/2	9.684	1/2	
3/4	75.557	3/4	58.910	3/4	42.489	3/4	25.986	3/4	9.337	3/4	
11	75.210	11	58.563	11	42.150	11	25.639	11	8.991	11	
1/4	74.864	1/4	58.216	1/4	41.811	1/4	25.292	1/4	8.644	1/4	
1/2	74.517	1/2	57.869	1/2	41.472	1/2	24.945	1/2	8.297	1/2	
3/4	74.170	3/4	57.523	3/4	41.134	3/4	24.598	3/4	7.951	3/4	

GAUGE LOCATED 24'-6" FROM AFT BULKHEAD AND
1'-2" FROM CENTERLINE BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 12/99

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