

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

BARGE CBC 224

ULLAGE TRIM CORRECTIONS

	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.


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 12/1999

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

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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	97.599	6	89.282	6	80.955	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	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	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	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	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	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	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	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	104.521	8	96.212	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	104.350	1/4	96.039	1/4	96.039	1/4	87.721	1/4	79.394	1/4	71.065	1/4	62.735	1/4	54.405	1/4	46.075
1/2	1/2	1/2	104.179	1/2	95.867	1/2	95.867	1/2	87.547	1/2	79.221	1/2	70.892	1/2	62.562	1/2	54.232	1/2	45.902
3/4	3/4	3/4	104.007	3/4	95.694	3/4	95.694	3/4	87.374	3/4	79.047	3/4	70.718	3/4	62.388	3/4	54.058	3/4	45.728
9	9	9	103.836	9	95.521	9	95.521	9	87.200	9	78.874	9	70.545	9	62.215	9	53.885	9	45.555
1/4	1/4	1/4	103.665	1/4	95.348	1/4	95.348	1/4	87.027	1/4	78.700	1/4	70.371	1/4	62.041	1/4	53.711	1/4	45.381
1/2	1/2	1/2	103.493	1/2	95.176	1/2	95.176	1/2	86.853	1/2	78.527	1/2	70.198	1/2	61.868	1/2	53.538	1/2	45.208
3/4	3/4	3/4	103.322	3/4	95.003	3/4	95.003	3/4	86.680	3/4	78.353	3/4	70.024	3/4	61.694	3/4	53.364	3/4	45.034
10	10	10	103.150	10	94.830	10	94.830	10	86.506	10	78.180	10	69.850	10	61.521	10	53.191	10	44.861
1/4	1/4	1/4	102.977	1/4	94.658	1/4	94.658	1/4	86.333	1/4	78.006	1/4	69.677	1/4	61.347	1/4	53.017	1/4	44.687
1/2	1/2	1/2	102.803	1/2	94.485	1/2	94.485	1/2	86.159	1/2	77.833	1/2	69.503	1/2	61.173	1/2	52.844	1/2	44.514
3/4	3/4	3/4	102.630	3/4	94.312	3/4	94.312	3/4	85.986	3/4	77.659	3/4	69.330	3/4	61.000	3/4	52.670	3/4	44.340
11	11	11	102.457	11	94.139	11	94.139	11	85.813	11	77.486	11	69.156	11	60.826	11	52.496	11	44.167
1/4	1/4	1/4	102.283	1/4	93.966	1/4	93.966	1/4	85.639	1/4	77.313	1/4	68.983	1/4	60.653	1/4	52.323	1/4	43.993
1/2	1/2	1/2	102.110	1/2	93.792	1/2	93.792	1/2	85.466	1/2	77.139	1/2	68.809	1/2	60.479	1/2	52.149	1/2	43.819
3/4	3/4	3/4	101.936	3/4	93.619	3/4	93.619	3/4	85.292	3/4	76.966	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.

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THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 12/99

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

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	1/4	
1/2	40.349	1/2	32.019	1/2	23.743	1/2	15.612	1/2	7.282	1/2	
3/4	40.175	3/4	31.845	3/4	23.577	3/4	15.438	3/4	7.108	3/4	
5	40.002	5	31.672	5	23.411	5	15.264	5	6.935	5	
1/4	39.828	1/4	31.498	1/4	23.244	1/4	15.091	1/4	6.761	1/4	
1/2	39.654	1/2	31.325	1/2	23.078	1/2	14.917	1/2	6.587	1/2	
3/4	39.481	3/4	31.151	3/4	22.912	3/4	14.744	3/4	6.414	3/4	
6	39.307	6	30.977	6	22.745	6	14.570	6	6.240	6	
1/4	39.134	1/4	30.804	1/4	22.579	1/4	14.397	1/4	6.067	1/4	
1/2	38.960	1/2	30.630	1/2	22.412	1/2	14.223	1/2	5.893	1/2	
3/4	38.787	3/4	30.457	3/4	22.246	3/4	14.050	3/4	5.720	3/4	
7	38.613	7	30.283	7	22.080	7	13.876	7	5.546	7	
1/4	38.440	1/4	30.110	1/4	21.913	1/4	13.703	1/4	5.373	1/4	
1/2	38.266	1/2	29.936	1/2	21.747	1/2	13.529	1/2	5.199	1/2	
3/4	38.093	3/4	29.763	3/4	21.581	3/4	13.356	3/4	5.026	3/4	
8	37.919	8	29.589	8	21.414	8	13.182	8	4.852	8	
1/4	37.746	1/4	29.416	1/4	21.248	1/4	13.008	1/4	4.679	1/4	
1/2	37.572	1/2	29.242	1/2	21.082	1/2	12.835	1/2	4.505	1/2	
3/4	37.398	3/4	29.069	3/4	20.915	3/4	12.661	3/4	4.332	3/4	
9	37.225	9	28.895	9	20.749	9	12.488	9	4.158	9	
1/4	37.051	1/4	28.721	1/4	20.582	1/4	12.314	1/4	3.985	1/4	
1/2	36.878	1/2	28.548	1/2	20.416	1/2	12.141	1/2	3.812	1/2	
3/4	36.704	3/4	28.374	3/4	20.250	3/4	11.967	3/4	3.639	3/4	
10	36.531	10	28.201	10	20.083	10	11.794	10	3.466	10	
1/4	36.357	1/4	28.027	1/4	19.917	1/4	11.620	1/4	3.293	1/4	
1/2	36.184	1/2	27.854	1/2	19.751	1/2	11.447	1/2	3.120	1/2	
3/4	36.010	3/4	27.680	3/4	19.584	3/4	11.273	3/4	2.947	3/4	
11	35.837	11	27.507	11	19.415	11	11.100	11	2.774	11	
1/4	35.663	1/4	27.333	1/4	19.244	1/4	10.926	1/4	2.602	1/4	
1/2	35.490	1/2	27.160	1/2	19.073	1/2	10.752	1/2	2.429	1/2	
3/4	35.316	3/4	26.986	3/4	18.901	3/4	10.579	3/4	2.257	3/4	

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

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

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	59.364	1/2	51.134
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	50.962
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	50.648
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	50.488
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	80.619	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	93.471	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.

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

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

THIS TABLE SUPERSEDES ALL TABLES ISSUED PRIOR TO 12/99



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	22,515	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	2,656		
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

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

BARGE CBC 224

TANK 3
 ULLAGE TABLE
 MMC GAUGING

MMC GAUGE HEIGHT 15'-7 3/8"

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	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	206.631	1/4	189.994	1/4	173.354	1/4	156.710	1/4	140.066	1/4	123.418	1/4	106.771		
1/2	1/2	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	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	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	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	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	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	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	203.859	1/4	187.224	1/4	170.580	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	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	219.724	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	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	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	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	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	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	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	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	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	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	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	199.351	1/2	182.717	1/2	166.072	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	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	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	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	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	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	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	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	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	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	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	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	225.365	1/2	211.800	1/2	195.180	1/2	178.556	1/2	161.912	1/2	145.268	1/2	128.621	1/2	95.326		
3/4	3/4	3/4	225.291	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	94.979		
9	9	9	225.217	9	211.111	9	194.496	9	177.862	9	161.218	9	144.574	9	127.927	9	94.632		
1/4	1/4	1/4	225.144	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	94.285		
1/2	1/2	1/2	225.041	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	93.939		
3/4	3/4	3/4	224.909	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	93.592		
10	10	10	224.777	10	209.732	10	193.109	10	176.475	10	159.831	10	143.187	10	126.540	10	93.245		
1/4	1/4	1/4	224.645	1/4	209.387	1/4	192.763	1/4	176.128	1/4	159.484	1/4	142.840	1/4	126.193	1/4	92.898		
1/2	1/2	1/2	224.484	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	92.551		
3/4	3/4	3/4	224.295	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	92.205		
11	11	11	224.105	11	208.354	11	191.724	11	175.088	11	158.444	11	141.800	11	125.152	11	91.858		
1/4	1/4	1/4	223.915	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	91.511		
1/2	1/2	1/2	223.697	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	91.164		
3/4	3/4	3/4	223.449	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	90.817		

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

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

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	71.049	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	114
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.

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



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