

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

BARGE CBC 227

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 0/0"	+0 0/0"	-0 1/8"	+0 1/8"	-0 1/8"	+0 1/8"	-0 1/8"	+0 1/8"	-0 1/8"	+0 1/8"	-0 1/4"	+0 1/4"
2 PORT	+0 3/8"	-0 3/8"	+0 3/4"	-0 3/4"	+1 1/8"	-1 1/8"	+1 1/2"	-1 1/2"	+1 7/8"	-1 7/8"	+2 1/4"	-2 1/4"
2 STBD	+0 3/8"	-0 3/8"	+0 3/4"	-0 3/4"	+1 1/8"	-1 1/8"	+1 1/2"	-1 1/2"	+1 7/8"	-1 7/8"	+2 1/4"	-2 1/4"
TANK 3	-0 0/0"	+0 0/0"	-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"

(EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

LENGTH BETWEEN DRAFT MARKS 153.00'

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

February 24, 2000
 SAYBOLT INC.

SAYBOLT INC.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE CBC 227

TANK 1

ULLAGE TABLE
MMC GAUGING

MMC GAUGE HEIGHT 15'-2 1/8"

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	238,471	0	220,225	0	201,887	0	183,542	0	165,196	0	146,851	0	128,505	0	110,159
1/4	1/4	1/4		1/4	238,095	1/4	219,845	1/4	201,505	1/4	183,160	1/4	164,814	1/4	146,468	1/4	128,123	1/4	109,777
1/2	1/2	1/2		1/2	237,719	1/2	219,464	1/2	201,123	1/2	182,777	1/2	164,432	1/2	146,086	1/2	127,741	1/2	109,395
3/4	3/4	3/4		3/4	237,343	3/4	219,084	3/4	200,741	3/4	182,395	3/4	164,050	3/4	145,704	3/4	127,358	3/4	109,013
1		1		1	236,967	1	218,703	1	200,359	1	182,013	1	163,667	1	145,322	1	126,976	1	108,631
1/4	1/4	1/4		1/4	236,589	1/4	218,322	1/4	199,976	1/4	181,631	1/4	163,285	1/4	144,940	1/4	126,594	1/4	108,248
1/2	1/2	1/2		1/2	236,209	1/2	217,940	1/2	199,594	1/2	181,249	1/2	162,903	1/2	144,557	1/2	126,212	1/2	107,866
3/4	3/4	3/4		3/4	235,829	3/4	217,558	3/4	199,212	3/4	180,866	3/4	162,521	3/4	144,175	3/4	125,830	3/4	107,484
2		2		2	235,448	2	217,176	2	198,830	2	180,484	2	162,139	2	143,793	2	125,447	2	107,102
1/4	1/4	1/4		1/4	235,068	1/4	216,793	1/4	198,448	1/4	180,102	1/4	161,756	1/4	143,411	1/4	125,065	1/4	106,720
1/2	1/2	1/2		1/2	234,687	1/2	216,411	1/2	198,065	1/2	179,720	1/2	161,374	1/2	143,029	1/2	124,683	1/2	106,337
3/4	3/4	3/4		3/4	234,307	3/4	216,029	3/4	197,683	3/4	179,338	3/4	160,992	3/4	142,646	3/4	124,301	3/4	105,955
3		3		3	233,926	3	215,647	3	197,301	3	178,955	3	160,610	3	142,264	3	123,919	3	105,573
1/4	1/4	1/4	248,437	1/4	233,546	1/4	215,264	1/4	196,919	1/4	178,573	1/4	160,228	1/4	141,882	1/4	123,536	1/4	105,191
1/2	1/2	1/2	248,354	1/2	233,165	1/2	214,882	1/2	196,537	1/2	178,191	1/2	159,845	1/2	141,500	1/2	123,154	1/2	104,809
3/4	3/4	3/4	248,271	3/4	232,785	3/4	214,500	3/4	196,154	3/4	177,809	3/4	159,463	3/4	141,118	3/4	122,772	3/4	104,426
4		4	248,188	4	232,404	4	214,118	4	195,772	4	177,427	4	159,081	4	140,735	4	122,390	4	104,044
1/4	1/4	1/4	248,073	1/4	232,023	1/4	213,736	1/4	195,390	1/4	177,044	1/4	158,699	1/4	140,353	1/4	122,008	1/4	103,662
1/2	1/2	1/2	247,927	1/2	231,643	1/2	213,353	1/2	195,008	1/2	176,662	1/2	158,317	1/2	139,971	1/2	121,625	1/2	103,280
3/4	3/4	3/4	247,780	3/4	231,262	3/4	212,971	3/4	194,626	3/4	176,280	3/4	157,934	3/4	139,589	3/4	121,243	3/4	102,898
5		5	247,633	5	230,882	5	212,589	5	194,243	5	175,898	5	157,552	5	139,207	5	120,861	5	102,515
1/4	1/4	1/4	247,455	1/4	230,501	1/4	212,207	1/4	193,861	1/4	175,516	1/4	157,170	1/4	138,824	1/4	120,479	1/4	102,133
1/2	1/2	1/2	247,244	1/2	230,120	1/2	211,825	1/2	193,479	1/2	175,133	1/2	156,788	1/2	138,442	1/2	120,097	1/2	101,751
3/4	3/4	3/4	247,034	3/4	229,740	3/4	211,442	3/4	193,097	3/4	174,751	3/4	156,406	3/4	138,060	3/4	119,714	3/4	101,369
6		6	246,823	6	229,359	6	211,060	6	192,715	6	174,369	6	156,023	6	137,678	6	119,332	6	100,987
1/4	1/4	1/4	246,581	1/4	228,979	1/4	210,678	1/4	192,332	1/4	173,987	1/4	155,641	1/4	137,296	1/4	118,950	1/4	100,604
1/2	1/2	1/2	246,307	1/2	228,598	1/2	210,296	1/2	191,950	1/2	173,605	1/2	155,259	1/2	136,913	1/2	118,568	1/2	100,222
3/4	3/4	3/4	246,032	3/4	228,218	3/4	209,914	3/4	191,568	3/4	173,222	3/4	154,877	3/4	136,531	3/4	118,186	3/4	99,840
7		7	245,758	7	227,837	7	209,531	7	191,186	7	172,840	7	154,495	7	136,149	7	117,803	7	99,458
1/4	1/4	1/4	245,453	1/4	227,456	1/4	209,149	1/4	190,804	1/4	172,458	1/4	154,112	1/4	135,767	1/4	117,421	1/4	99,076
1/2	1/2	1/2	245,116	1/2	227,076	1/2	208,767	1/2	190,421	1/2	172,076	1/2	153,730	1/2	135,385	1/2	117,039	1/2	98,693
3/4	3/4	3/4	244,780	3/4	226,695	3/4	208,385	3/4	190,039	3/4	171,694	3/4	153,348	3/4	135,002	3/4	116,657	3/4	98,311
8		8	244,444	8	226,315	8	208,003	8	189,657	8	171,311	8	152,966	8	134,620	8	116,275	8	97,929
1/4	1/4	1/4	244,090	1/4	225,934	1/4	207,620	1/4	189,275	1/4	170,929	1/4	152,584	1/4	134,238	1/4	115,892	1/4	97,547
1/2	1/2	1/2	243,720	1/2	225,554	1/2	207,238	1/2	188,893	1/2	170,547	1/2	152,201	1/2	133,856	1/2	115,510	1/2	97,165
3/4	3/4	3/4	243,349	3/4	225,173	3/4	206,856	3/4	188,510	3/4	170,165	3/4	151,819	3/4	133,474	3/4	115,128	3/4	96,782
9		9	242,979	9	224,792	9	206,474	9	188,128	9	169,783	9	151,437	9	133,091	9	114,746	9	96,400
1/4	1/4	1/4	242,606	1/4	224,412	1/4	206,092	1/4	187,746	1/4	169,400	1/4	151,055	1/4	132,709	1/4	114,364	1/4	96,018
1/2	1/2	1/2	242,230	1/2	224,031	1/2	205,709	1/2	187,364	1/2	169,018	1/2	150,673	1/2	132,327	1/2	113,981	1/2	95,636
3/4	3/4	3/4	241,855	3/4	223,651	3/4	205,327	3/4	186,982	3/4	168,636	3/4	150,290	3/4	131,945	3/4	113,599	3/4	95,254
10		10	241,479	10	223,270	10	204,945	10	186,599	10	168,254	10	149,908	10	131,563	10	113,217	10	94,871
1/4	1/4	1/4	241,103	1/4	222,889	1/4	204,563	1/4	186,217	1/4	167,872	1/4	149,526	1/4	131,180	1/4	112,835	1/4	94,489
1/2	1/2	1/2	240,728	1/2	222,509	1/2	204,181	1/2	185,835	1/2	167,489	1/2	149,144	1/2	130,798	1/2	112,453	1/2	94,107
3/4	3/4	3/4	240,352	3/4	222,128	3/4	203,798	3/4	185,453	3/4	167,107	3/4	148,762	3/4	130,416	3/4	112,070	3/4	93,725
11		11	239,976	11	221,748	11	203,416	11	185,071	11	166,725	11	148,379	11	130,034	11	111,688	11	93,343
1/4	1/4	1/4	239,600	1/4	221,367	1/4	203,034	1/4	184,688	1/4	166,343	1/4	147,997	1/4	129,652	1/4	111,306	1/4	92,960
1/2	1/2	1/2	239,223	1/2	220,987	1/2	202,652	1/2	184,306	1/2	165,961	1/2	147,615	1/2	129,269	1/2	110,924	1/2	92,578
3/4	3/4	3/4	238,847	3/4	220,606	3/4	202,270	3/4	183,924	3/4	165,578	3/4	147,233	3/4	128,887	3/4	110,542	3/4	92,196

GAUGE LOCATED 25'-6" 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 02/00

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JW 02/22/00
STRAPPED BY: CJ & SA 02/17/00

SAYBOLT INC.

SAYBOLT INC.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE CBC 227

TANK 1

ULLAGE TABLE
MMC GAUGING

MMC GAUGE HEIGHT 15'-2 1/8"

COMPUTED IN U. S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.
0	91,814	0	73,468	0	55,123	0	36,805	0	18,460	0	948
1/4	91,432	1/4	73,086	1/4	54,740	1/4	36,423	1/4	18,077	1/4	759
1/2	91,049	1/2	72,704	1/2	54,358	1/2	36,041	1/2	17,695	1/2	615
3/4	90,667	3/4	72,322	3/4	53,976	3/4	35,659	3/4	17,313	3/4	471
1	90,285	1	71,939	1	53,594	1	35,276	1	16,931	1	328
1/4	89,903	1/4	71,557	1/4	53,212	1/4	34,894	1/4	16,549	1/4	228
1/2	89,521	1/2	71,175	1/2	52,829	1/2	34,512	1/2	16,166	1/2	173
3/4	89,138	3/4	70,793	3/4	52,447	3/4	34,130	3/4	15,784	3/4	117
2	88,756	2	70,411	2	52,065	2	33,748	2	15,402	2	62
1/4	88,374	1/4	70,028	1/4	51,683	1/4	33,365	1/4	15,020	1/8	34
1/2	87,992	1/2	69,646	1/2	51,301	1/2	32,983	1/2	14,638		
3/4	87,610	3/4	69,264	3/4	50,918	3/4	32,601	3/4	14,255		
3	87,227	3	68,882	3	50,536	3	32,219	3	13,873		
1/4	86,845	1/4	68,500	1/4	50,154	1/4	31,837	1/4	13,491		
1/2	86,463	1/2	68,117	1/2	49,773	1/2	31,454	1/2	13,109		
3/4	86,081	3/4	67,735	3/4	49,392	3/4	31,072	3/4	12,727		
4	85,699	4	67,353	4	49,010	4	30,690	4	12,344		
1/4	85,316	1/4	66,971	1/4	48,629	1/4	30,308	1/4	11,962		
1/2	84,934	1/2	66,589	1/2	48,247	1/2	29,926	1/2	11,580		
3/4	84,552	3/4	66,206	3/4	47,866	3/4	29,543	3/4	11,198		
5	84,170	5	65,824	5	47,485	5	29,161	5	10,816		
1/4	83,788	1/4	65,442	1/4	47,103	1/4	28,779	1/4	10,434		
1/2	83,405	1/2	65,060	1/2	46,722	1/2	28,397	1/2	10,052		
3/4	83,023	3/4	64,678	3/4	46,341	3/4	28,015	3/4	9,670		
6	82,641	6	64,295	6	45,960	6	27,632	6	9,288		
1/4	82,259	1/4	63,913	1/4	45,578	1/4	27,250	1/4	8,906		
1/2	81,877	1/2	63,531	1/2	45,197	1/2	26,868	1/2	8,525		
3/4	81,494	3/4	63,149	3/4	44,816	3/4	26,486	3/4	8,144		
7	81,112	7	62,767	7	44,434	7	26,104	7	7,762		
1/4	80,730	1/4	62,384	1/4	44,053	1/4	25,721	1/4	7,381		
1/2	80,348	1/2	62,002	1/2	43,672	1/2	25,339	1/2	7,001		
3/4	79,966	3/4	61,620	3/4	43,290	3/4	24,957	3/4	6,620		
8	79,583	8	61,238	8	42,909	8	24,575	8	6,240		
1/4	79,201	1/4	60,856	1/4	42,528	1/4	24,193	1/4	5,860		
1/2	78,819	1/2	60,473	1/2	42,146	1/2	23,810	1/2	5,481		
3/4	78,437	3/4	60,091	3/4	41,765	3/4	23,428	3/4	5,102		
9	78,055	9	59,709	9	41,384	9	23,046	9	4,722		
1/4	77,672	1/4	59,327	1/4	41,002	1/4	22,664	1/4	4,345		
1/2	77,290	1/2	58,945	1/2	40,621	1/2	22,282	1/2	3,971		
3/4	76,908	3/4	58,562	3/4	40,240	3/4	21,899	3/4	3,596		
10	76,526	10	58,180	10	39,858	10	21,517	10	3,222		
1/4	76,144	1/4	57,798	1/4	39,477	1/4	21,135	1/4	2,875		
1/2	75,761	1/2	57,416	1/2	39,096	1/2	20,753	1/2	2,557		
3/4	75,379	3/4	57,034	3/4	38,714	3/4	20,371	3/4	2,239		
11	74,997	11	56,651	11	38,333	11	19,988	11	1,921		
1/4	74,615	1/4	56,269	1/4	37,951	1/4	19,606	1/4	1,645		
1/2	74,233	1/2	55,887	1/2	37,569	1/2	19,224	1/2	1,413		
3/4	73,850	3/4	55,505	3/4	37,187	3/4	18,842	3/4	1,180		

GAUGE LOCATED 25'-6" FROM AFT BULKHEAD AND 1'-0" FROM CENTERLINE BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

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COMPUTED BY: JW 02/22/00
STRAPPED BY: CJ & SA 02/17/00

SAYBOLT INC.

SAYBOLT INC.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE CBC 227

2 PORT

**ULLAGE TABLE
MMC GAUGING**

MMC GAUGE HEIGHT 14'-10 5/8"

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	115,435	0	106,517	0	97,524	0	88,531	0	79,539	0	70,546	0	61,553	0	52,560
1/4	1/4	1/4	1/4	1/4	115,249	1/4	106,330	1/4	97,337	1/4	88,344	1/4	79,351	1/4	70,358	1/4	61,366	1/4	52,373
1/2	1/2	1/2	1/2	1/2	115,063	1/2	106,142	1/2	97,149	1/2	88,157	1/2	79,164	1/2	70,171	1/2	61,178	1/2	52,185
3/4	3/4	3/4	3/4	3/4	114,878	3/4	105,955	3/4	96,962	3/4	87,969	3/4	78,977	3/4	69,984	3/4	60,991	3/4	51,998
1	1	1	1	1	114,692	1	105,768	1	96,775	1	87,782	1	78,789	1	69,796	1	60,804	1	51,811
1/4	1/4	1/4	1/4	1/4	114,506	1/4	105,580	1/4	96,587	1/4	87,595	1/4	78,602	1/4	69,609	1/4	60,616	1/4	51,623
1/2	1/2	1/2	1/2	1/2	114,320	1/2	105,393	1/2	96,400	1/2	87,407	1/2	78,414	1/2	69,422	1/2	60,429	1/2	51,436
3/4	3/4	3/4	3/4	3/4	121,493	3/4	114,135	3/4	105,206	3/4	96,213	3/4	87,220	3/4	78,227	3/4	69,234	3/4	60,242
2	2	2	2	2	121,448	2	113,949	2	105,018	2	96,025	2	87,033	2	78,040	2	69,047	2	60,054
1/4	1/4	1/4	1/4	1/4	121,404	1/4	113,763	1/4	104,831	1/4	95,838	1/4	86,845	1/4	77,852	1/4	68,860	1/4	59,867
1/2	1/2	1/2	1/2	1/2	121,359	1/2	113,577	1/2	104,643	1/2	95,651	1/2	86,658	1/2	77,665	1/2	68,672	1/2	59,679
3/4	3/4	3/4	3/4	3/4	121,299	3/4	113,391	3/4	104,456	3/4	95,463	3/4	86,471	3/4	77,478	3/4	68,485	3/4	59,492
3	3	3	3	3	121,223	3	113,206	3	104,269	3	95,276	3	86,283	3	77,290	3	68,298	3	59,305
1/4	1/4	1/4	1/4	1/4	121,147	1/4	113,020	1/4	104,081	1/4	95,089	1/4	86,096	1/4	77,103	1/4	68,110	1/4	59,117
1/2	1/2	1/2	1/2	1/2	121,072	1/2	112,834	1/2	103,894	1/2	94,901	1/2	85,908	1/2	76,916	1/2	67,923	1/2	58,930
3/4	3/4	3/4	3/4	3/4	120,980	3/4	112,648	3/4	103,707	3/4	94,714	3/4	85,721	3/4	76,728	3/4	67,736	3/4	58,743
4	4	4	4	4	120,873	4	112,463	4	103,519	4	94,527	4	85,534	4	76,541	4	67,548	4	58,555
1/4	1/4	1/4	1/4	1/4	120,766	1/4	112,277	1/4	103,332	1/4	94,339	1/4	85,346	1/4	76,354	1/4	67,361	1/4	58,368
1/2	1/2	1/2	1/2	1/2	120,659	1/2	112,091	1/2	103,145	1/2	94,152	1/2	85,159	1/2	76,166	1/2	67,173	1/2	58,181
3/4	3/4	3/4	3/4	3/4	120,536	3/4	111,905	3/4	102,957	3/4	93,965	3/4	84,972	3/4	75,979	3/4	66,986	3/4	57,993
5	5	5	5	5	120,398	5	111,719	5	102,770	5	93,777	5	84,784	5	75,792	5	66,799	5	57,806
1/4	1/4	1/4	1/4	1/4	120,260	1/4	111,534	1/4	102,583	1/4	93,590	1/4	84,597	1/4	75,604	1/4	66,611	1/4	57,619
1/2	1/2	1/2	1/2	1/2	120,121	1/2	111,348	1/2	102,395	1/2	93,402	1/2	84,410	1/2	75,417	1/2	66,424	1/2	57,431
3/4	3/4	3/4	3/4	3/4	119,968	3/4	111,162	3/4	102,208	3/4	93,215	3/4	84,222	3/4	75,230	3/4	66,237	3/4	57,244
6	6	6	6	6	119,800	6	110,976	6	102,021	6	93,028	6	84,035	6	75,042	6	66,049	6	57,057
1/4	1/4	1/4	1/4	1/4	119,632	1/4	110,791	1/4	101,833	1/4	92,840	1/4	83,848	1/4	74,855	1/4	65,862	1/4	56,869
1/2	1/2	1/2	1/2	1/2	119,464	1/2	110,605	1/2	101,646	1/2	92,653	1/2	83,660	1/2	74,667	1/2	65,675	1/2	56,682
3/4	3/4	3/4	3/4	3/4	119,289	3/4	110,419	3/4	101,459	3/4	92,466	3/4	83,473	3/4	74,480	3/4	65,487	3/4	56,495
7	7	7	7	7	119,106	7	110,233	7	101,271	7	92,278	7	83,286	7	74,293	7	65,300	7	56,307
1/4	1/4	1/4	1/4	1/4	118,924	1/4	110,047	1/4	101,084	1/4	92,091	1/4	83,098	1/4	74,105	1/4	65,113	1/4	56,120
1/2	1/2	1/2	1/2	1/2	118,741	1/2	109,862	1/2	100,896	1/2	91,904	1/2	82,911	1/2	73,918	1/2	64,925	1/2	55,932
3/4	3/4	3/4	3/4	3/4	118,558	3/4	109,676	3/4	100,709	3/4	91,716	3/4	82,724	3/4	73,731	3/4	64,738	3/4	55,745
8	8	8	8	8	118,375	8	109,490	8	100,522	8	91,529	8	82,536	8	73,543	8	64,551	8	55,558
1/4	1/4	1/4	1/4	1/4	118,191	1/4	109,304	1/4	100,334	1/4	91,342	1/4	82,349	1/4	73,356	1/4	64,363	1/4	55,370
1/2	1/2	1/2	1/2	1/2	118,008	1/2	109,119	1/2	100,147	1/2	91,154	1/2	82,161	1/2	73,169	1/2	64,176	1/2	55,183
3/4	3/4	3/4	3/4	3/4	117,825	3/4	108,933	3/4	99,960	3/4	90,967	3/4	81,974	3/4	72,981	3/4	63,989	3/4	54,996
9	9	9	9	9	117,641	9	108,747	9	99,772	9	90,780	9	81,787	9	72,794	9	63,801	9	54,808
1/4	1/4	1/4	1/4	1/4	117,458	1/4	108,561	1/4	99,585	1/4	90,592	1/4	81,599	1/4	72,607	1/4	63,614	1/4	54,621
1/2	1/2	1/2	1/2	1/2	117,274	1/2	108,375	1/2	99,398	1/2	90,405	1/2	81,412	1/2	72,419	1/2	63,426	1/2	54,434
3/4	3/4	3/4	3/4	3/4	117,091	3/4	108,190	3/4	99,210	3/4	90,218	3/4	81,225	3/4	72,232	3/4	63,239	3/4	54,246
10	10	10	10	10	116,907	10	108,004	10	99,023	10	90,030	10	81,037	10	72,045	10	63,052	10	54,059
1/4	1/4	1/4	1/4	1/4	116,723	1/4	107,818	1/4	98,836	1/4	89,843	1/4	80,850	1/4	71,857	1/4	62,864	1/4	53,872
1/2	1/2	1/2	1/2	1/2	116,540	1/2	107,632	1/2	98,648	1/2	89,655	1/2	80,663	1/2	71,670	1/2	62,677	1/2	53,684
3/4	3/4	3/4	3/4	3/4	116,356	3/4	107,447	3/4	98,461	3/4	89,468	3/4	80,475	3/4	71,483	3/4	62,490	3/4	53,497
11	11	11	11	11	116,173	11	107,261	11	98,274	11	89,281	11	80,288	11	71,295	11	62,302	11	53,310
1/4	1/4	1/4	1/4	1/4	115,989	1/4	107,075	1/4	98,086	1/4	89,093	1/4	80,101	1/4	71,108	1/4	62,115	1/4	53,122
1/2	1/2	1/2	1/2	1/2	115,805	1/2	106,889	1/2	97,899	1/2	88,906	1/2	79,913	1/2	70,920	1/2	61,928	1/2	52,935
3/4	3/4	3/4	3/4	3/4	115,621	3/4	106,704	3/4	97,712	3/4	88,719	3/4	79,726	3/4	70,733	3/4	61,740	3/4	52,748

GAUGE LOCATED 30'-9" FROM AFT BULKHEAD AND 11'-0" FROM CENTERLINE BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

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COMPUTED BY: JW 02/22/00
STRAPPED BY: CJ & SA 02/17/00

SAYBOLT INC.

SAYBOLT INC.

U. S. Headquarters
400 Swanson Drive
Kenilworth, NJ 07033

BARGE CBC 227

2 PORT

ULLAGE TABLE
MMC GAUGING

MMC GAUGE HEIGHT 14'-10 5/8"

COMPUTED IN U. S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.
0	43,567	0	34,575	0	25,582	0	16,830	0	7,837
1/4	43,380	1/4	34,387	1/4	25,394	1/4	16,642	1/4	7,649
1/2	43,193	1/2	34,200	1/2	25,207	1/2	16,455	1/2	7,462
3/4	43,005	3/4	34,013	3/4	25,020	3/4	16,268	3/4	7,275
1	42,818	1	33,825	1	24,832	1	16,080	1	7,087
1/4	42,631	1/4	33,638	1/4	24,645	1/4	15,893	1/4	6,900
1/2	42,443	1/2	33,450	1/2	24,458	1/2	15,706	1/2	6,713
3/4	42,256	3/4	33,263	3/4	24,274	3/4	15,518	3/4	6,525
2	42,069	2	33,076	2	24,094	2	15,331	2	6,338
1/4	41,881	1/4	32,888	1/4	23,914	1/4	15,143	1/4	6,151
1/2	41,694	1/2	32,701	1/2	23,735	1/2	14,956	1/2	5,963
3/4	41,507	3/4	32,514	3/4	23,555	3/4	14,769	3/4	5,776
3	41,319	3	32,326	3	23,375	3	14,581	3	5,589
1/4	41,132	1/4	32,139	1/4	23,195	1/4	14,394	1/4	5,401
1/2	40,944	1/2	31,952	1/2	23,015	1/2	14,207	1/2	5,214
3/4	40,757	3/4	31,764	3/4	22,835	3/4	14,019	3/4	5,027
4	40,570	4	31,577	4	22,656	4	13,832	4	4,840
1/4	40,382	1/4	31,390	1/4	22,476	1/4	13,645	1/4	4,652
1/2	40,195	1/2	31,202	1/2	22,296	1/2	13,457	1/2	4,465
3/4	40,008	3/4	31,015	3/4	22,116	3/4	13,270	3/4	4,278
5	39,820	5	30,828	5	21,936	5	13,083	5	4,091
1/4	39,633	1/4	30,640	1/4	21,756	1/4	12,895	1/4	3,904
1/2	39,446	1/2	30,453	1/2	21,577	1/2	12,708	1/2	3,718
3/4	39,258	3/4	30,266	3/4	21,397	3/4	12,521	3/4	3,531
6	39,071	6	30,078	6	21,217	6	12,333	6	3,344
1/4	38,884	1/4	29,891	1/4	21,037	1/4	12,146	1/4	3,158
1/2	38,696	1/2	29,703	1/2	20,857	1/2	11,959	1/2	2,971
3/4	38,509	3/4	29,516	3/4	20,677	3/4	11,771	3/4	2,785
7	38,322	7	29,329	7	20,498	7	11,584	7	2,600
1/4	38,134	1/4	29,141	1/4	20,318	1/4	11,396	1/4	2,414
1/2	37,947	1/2	28,954	1/2	20,138	1/2	11,209	1/2	2,228
3/4	37,760	3/4	28,767	3/4	19,958	3/4	11,022	3/4	2,043
8	37,572	8	28,579	8	19,778	8	10,834	8	1,860
1/4	37,385	1/4	28,392	1/4	19,598	1/4	10,647	1/4	1,677
1/2	37,197	1/2	28,205	1/2	19,418	1/2	10,460	1/2	1,493
3/4	37,010	3/4	28,017	3/4	19,239	3/4	10,272	3/4	1,326
9	36,823	9	27,830	9	19,059	9	10,085	9	1,174
1/4	36,635	1/4	27,643	1/4	18,879	1/4	9,898	1/4	1,022
1/2	36,448	1/2	27,455	1/2	18,699	1/2	9,710	1/2	870
3/4	36,261	3/4	27,268	3/4	18,516	3/4	9,523	3/4	739
10	36,073	10	27,081	10	18,328	10	9,336	10	631
1/4	35,886	1/4	26,893	1/4	18,141	1/4	9,148	1/4	522
1/2	35,699	1/2	26,706	1/2	17,954	1/2	8,961	1/2	414
3/4	35,511	3/4	26,519	3/4	17,766	3/4	8,774	5/8	359
11	35,324	11	26,331	11	17,579	11	8,586		
1/4	35,137	1/4	26,144	1/4	17,392	1/4	8,399		
1/2	34,949	1/2	25,956	1/2	17,204	1/2	8,212		
3/4	34,762	3/4	25,769	3/4	17,017	3/4	8,024		

GAUGE LOCATED 30'-9" FROM AFT BULKHEAD AND 11'-0" FROM CENTERLINE BULKHEAD.

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COMPUTED BY: JW 02/22/00
STRAPPED BY: CJ & SA 02/17/00

SAYBOLT INC.

SAYBOLT INC.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE CBC 227

2 STARBOARD

ULLAGE TABLE
MMC GAUGING

MMC GAUGE HEIGHT 14'-9 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	121,617	0	114,942	0	106,029	0	97,048	0	88,068	0	79,088	0	70,107	0	61,127	0	52,147	
1/4	1/4	121,604	1/4	114,756	1/4	105,841	1/4	96,861	1/4	87,881	1/4	78,900	1/4	69,920	1/4	60,940	1/4	51,960	
1/2	1/2	121,591	1/2	114,571	1/2	105,654	1/2	96,674	1/2	87,694	1/2	78,713	1/2	69,733	1/2	60,753	1/2	51,772	
3/4	3/4	121,577	3/4	114,385	3/4	105,467	3/4	96,487	3/4	87,507	3/4	78,526	3/4	69,546	3/4	60,566	3/4	51,585	
1	1	121,548	1	114,200	1	105,280	1	96,300	1	87,320	1	78,339	1	69,359	1	60,379	1	51,398	
1/4	1/4	121,504	1/4	114,014	1/4	105,093	1/4	96,113	1/4	87,132	1/4	78,152	1/4	69,172	1/4	60,191	1/4	51,211	
1/2	1/2	121,459	1/2	113,829	1/2	104,906	1/2	95,926	1/2	86,945	1/2	77,965	1/2	68,985	1/2	60,004	1/2	51,024	
3/4	3/4	121,415	3/4	113,643	3/4	104,719	3/4	95,739	3/4	86,758	3/4	77,778	3/4	68,798	3/4	59,817	3/4	50,837	
2	2	121,355	2	113,458	2	104,532	2	95,552	2	86,571	2	77,591	2	68,611	2	59,630	2	50,650	
1/4	1/4	121,279	1/4	113,272	1/4	104,345	1/4	95,364	1/4	86,384	1/4	77,404	1/4	68,423	1/4	59,443	1/4	50,463	
1/2	1/2	121,203	1/2	113,086	1/2	104,158	1/2	95,177	1/2	86,197	1/2	77,217	1/2	68,236	1/2	59,256	1/2	50,276	
3/4	3/4	121,127	3/4	112,901	3/4	103,971	3/4	94,990	3/4	86,010	3/4	77,030	3/4	68,049	3/4	59,069	3/4	50,089	
3	3	121,036	3	112,715	3	103,783	3	94,803	3	85,823	3	76,843	3	67,862	3	58,882	3	49,902	
1/4	1/4	120,929	1/4	112,530	1/4	103,596	1/4	94,616	1/4	85,636	1/4	76,655	1/4	67,675	1/4	58,695	1/4	49,714	
1/2	1/2	120,822	1/2	112,344	1/2	103,409	1/2	94,429	1/2	85,449	1/2	76,468	1/2	67,488	1/2	58,508	1/2	49,527	
3/4	3/4	120,715	3/4	112,159	3/4	103,222	3/4	94,242	3/4	85,262	3/4	76,281	3/4	67,301	3/4	58,321	3/4	49,340	
4	4	120,593	4	111,973	4	103,035	4	94,055	4	85,074	4	76,094	4	67,114	4	58,134	4	49,153	
1/4	1/4	120,455	1/4	111,788	1/4	102,848	1/4	93,868	1/4	84,887	1/4	75,907	1/4	66,927	1/4	57,946	1/4	48,966	
1/2	1/2	120,316	1/2	111,602	1/2	102,661	1/2	93,681	1/2	84,700	1/2	75,720	1/2	66,740	1/2	57,759	1/2	48,779	
3/4	3/4	120,178	3/4	111,417	3/4	102,474	3/4	93,494	3/4	84,513	3/4	75,533	3/4	66,553	3/4	57,572	3/4	48,592	
5	5	120,025	5	111,231	5	102,287	5	93,306	5	84,326	5	75,346	5	66,365	5	57,385	5	48,405	
1/4	1/4	119,858	1/4	111,046	1/4	102,100	1/4	93,119	1/4	84,139	1/4	75,159	1/4	66,178	1/4	57,198	1/4	48,218	
1/2	1/2	119,690	1/2	110,860	1/2	101,913	1/2	92,932	1/2	83,952	1/2	74,972	1/2	65,991	1/2	57,011	1/2	48,031	
3/4	3/4	119,522	3/4	110,674	3/4	101,725	3/4	92,745	3/4	83,765	3/4	74,785	3/4	65,804	3/4	56,824	3/4	47,844	
6	6	119,347	6	110,489	6	101,538	6	92,558	6	83,578	6	74,597	6	65,617	6	56,637	6	47,656	
1/4	1/4	119,165	1/4	110,303	1/4	101,351	1/4	92,371	1/4	83,391	1/4	74,410	1/4	65,430	1/4	56,450	1/4	47,469	
1/2	1/2	118,983	1/2	110,118	1/2	101,164	1/2	92,184	1/2	83,204	1/2	74,223	1/2	65,243	1/2	56,263	1/2	47,282	
3/4	3/4	118,800	3/4	109,932	3/4	100,977	3/4	91,997	3/4	83,016	3/4	74,036	3/4	65,056	3/4	56,076	3/4	47,095	
7	7	118,617	7	109,747	7	100,790	7	91,810	7	82,829	7	73,849	7	64,869	7	55,888	7	46,908	
1/4	1/4	118,434	1/4	109,561	1/4	100,603	1/4	91,623	1/4	82,642	1/4	73,662	1/4	64,682	1/4	55,701	1/4	46,721	
1/2	1/2	118,251	1/2	109,376	1/2	100,416	1/2	91,436	1/2	82,455	1/2	73,475	1/2	64,495	1/2	55,514	1/2	46,534	
3/4	3/4	118,068	3/4	109,190	3/4	100,229	3/4	91,248	3/4	82,268	3/4	73,288	3/4	64,307	3/4	55,327	3/4	46,347	
8	8	117,885	8	109,005	8	100,042	8	91,061	8	82,081	8	73,101	8	64,120	8	55,140	8	46,160	
1/4	1/4	117,702	1/4	108,819	1/4	99,855	1/4	90,874	1/4	81,894	1/4	72,914	1/4	63,933	1/4	54,953	1/4	45,973	
1/2	1/2	117,519	1/2	108,634	1/2	99,667	1/2	90,687	1/2	81,707	1/2	72,727	1/2	63,746	1/2	54,766	1/2	45,786	
3/4	3/4	117,335	3/4	108,448	3/4	99,480	3/4	90,500	3/4	81,520	3/4	72,539	3/4	63,559	3/4	54,579	3/4	45,598	
9	9	117,152	9	108,262	9	99,293	9	90,313	9	81,333	9	72,352	9	63,372	9	54,392	9	45,411	
1/4	1/4	116,969	1/4	108,077	1/4	99,106	1/4	90,126	1/4	81,146	1/4	72,165	1/4	63,185	1/4	54,205	1/4	45,224	
1/2	1/2	116,785	1/2	107,891	1/2	98,919	1/2	89,939	1/2	80,958	1/2	71,978	1/2	62,998	1/2	54,018	1/2	45,037	
3/4	3/4	116,602	3/4	107,706	3/4	98,732	3/4	89,752	3/4	80,771	3/4	71,791	3/4	62,811	3/4	53,830	3/4	44,850	
10	10	116,419	10	107,520	10	98,545	10	89,565	10	80,584	10	71,604	10	62,624	10	53,643	10	44,663	
1/4	1/4	116,235	1/4	107,335	1/4	98,358	1/4	89,378	1/4	80,397	1/4	71,417	1/4	62,437	1/4	53,456	1/4	44,476	
1/2	1/2	116,052	1/2	107,149	1/2	98,171	1/2	89,190	1/2	80,210	1/2	71,230	1/2	62,249	1/2	53,269	1/2	44,289	
3/4	3/4	115,869	3/4	106,964	3/4	97,984	3/4	89,003	3/4	80,023	3/4	71,043	3/4	62,062	3/4	53,082	3/4	44,102	
11	11	115,684	11	106,777	11	97,797	11	88,816	11	79,836	11	70,856	11	61,875	11	52,895	11	43,915	
1/4	1/4	115,499	1/4	106,590	1/4	97,609	1/4	88,629	1/4	79,649	1/4	70,669	1/4	61,688	1/4	52,708	1/4	43,728	
1/2	1/2	115,313	1/2	106,403	1/2	97,422	1/2	88,442	1/2	79,462	1/2	70,481	1/2	61,501	1/2	52,521	1/2	43,540	
3/4	3/4	115,127	3/4	106,216	3/4	97,235	3/4	88,255	3/4	79,275	3/4	70,294	3/4	61,314	3/4	52,334	3/4	43,353	

GAUGE LOCATED 30'-9" FROM AFT BULKHEAD AND 11'-0" FROM CENTERLINE BULKHEAD.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

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SAYBOLT INC.

SAYBOLT INC.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE CBC 227

2 STARBOARD

ULLAGE TABLE
MMC GAUGING

MMC GAUGE HEIGHT 14'-9 7/8"

COMPUTED IN U. S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.
0	43,166	0	34,186	0	25,208	0	16,245	0	7,265
1/4	42,979	1/4	33,999	1/4	25,022	1/4	16,058	1/4	7,078
1/2	42,792	1/2	33,812	1/2	24,835	1/2	15,871	1/2	6,891
3/4	42,605	3/4	33,625	3/4	24,649	3/4	15,684	3/4	6,704
1	42,418	1	33,438	1	24,463	1	15,497	1	6,517
1/4	42,231	1/4	33,251	1/4	24,276	1/4	15,310	1/4	6,330
1/2	42,044	1/2	33,063	1/2	24,090	1/2	15,123	1/2	6,142
3/4	41,857	3/4	32,876	3/4	23,903	3/4	14,936	3/4	5,955
2	41,670	2	32,689	2	23,717	2	14,749	2	5,768
1/4	41,482	1/4	32,502	1/4	23,530	1/4	14,561	1/4	5,581
1/2	41,295	1/2	32,315	1/2	23,344	1/2	14,374	1/2	5,394
3/4	41,108	3/4	32,128	3/4	23,157	3/4	14,187	3/4	5,207
3	40,921	3	31,941	3	22,971	3	14,000	3	5,020
1/4	40,734	1/4	31,754	1/4	22,784	1/4	13,813	1/4	4,833
1/2	40,547	1/2	31,567	1/2	22,598	1/2	13,626	1/2	4,646
3/4	40,360	3/4	31,380	3/4	22,411	3/4	13,439	3/4	4,459
4	40,173	4	31,193	4	22,225	4	13,252	4	4,273
1/4	39,986	1/4	31,005	1/4	22,039	1/4	13,065	1/4	4,086
1/2	39,799	1/2	30,818	1/2	21,852	1/2	12,878	1/2	3,899
3/4	39,612	3/4	30,631	3/4	21,666	3/4	12,691	3/4	3,713
5	39,425	5	30,444	5	21,479	5	12,503	5	3,526
1/4	39,237	1/4	30,257	1/4	21,293	1/4	12,316	1/4	3,340
1/2	39,050	1/2	30,070	1/2	21,106	1/2	12,129	1/2	3,154
3/4	38,863	3/4	29,883	3/4	20,920	3/4	11,942	3/4	2,967
6	38,676	6	29,696	6	20,733	6	11,755	6	2,782
1/4	38,489	1/4	29,509	1/4	20,547	1/4	11,568	1/4	2,596
1/2	38,302	1/2	29,322	1/2	20,360	1/2	11,381	1/2	2,410
3/4	38,115	3/4	29,135	3/4	20,174	3/4	11,194	3/4	2,225
7	37,928	7	28,947	7	19,987	7	11,007	7	2,041
1/4	37,741	1/4	28,760	1/4	19,800	1/4	10,820	1/4	1,858
1/2	37,554	1/2	28,573	1/2	19,613	1/2	10,633	1/2	1,674
3/4	37,367	3/4	28,386	3/4	19,426	3/4	10,445	3/4	1,491
8	37,179	8	28,199	8	19,239	8	10,258	8	1,324
1/4	36,992	1/4	28,012	1/4	19,052	1/4	10,071	1/4	1,172
1/2	36,805	1/2	27,825	1/2	18,865	1/2	9,884	1/2	1,020
3/4	36,618	3/4	27,638	3/4	18,677	3/4	9,697	3/4	868
9	36,431	9	27,451	9	18,490	9	9,510	9	738
1/4	36,244	1/4	27,264	1/4	18,303	1/4	9,323	1/4	630
1/2	36,057	1/2	27,077	1/2	18,116	1/2	9,136	1/2	521
3/4	35,870	3/4	26,889	3/4	17,929	3/4	8,949	3/4	413
10	35,683	10	26,702	10	17,742	10	8,762	7/8	359
1/4	35,496	1/4	26,515	1/4	17,555	1/4	8,575		
1/2	35,309	1/2	26,328	1/2	17,368	1/2	8,387		
3/4	35,121	3/4	26,141	3/4	17,181	3/4	8,200		
11	34,934	11	25,954	11	16,994	11	8,013		
1/4	34,747	1/4	25,768	1/4	16,807	1/4	7,826		
1/2	34,560	1/2	25,581	1/2	16,619	1/2	7,639		
3/4	34,373	3/4	25,395	3/4	16,432	3/4	7,452		

GAUGE LOCATED 30'-9" FROM AFT BULKHEAD AND 11'-0" FROM CENTERLINE BULKHEAD.

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SAYBOLT INC.

SAYBOLT INC.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE CBC 227

TANK 3

ULLAGE TABLE
MMC GAUGING

MMC GAUGE HEIGHT 15'-2 1/8"

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	238,491	0	220,234	0	201,882	0	183,525	0	165,167	0	146,810	0	128,452	0	110,094		
1/4	1/4	1/4	238,115	1/4	219,853	1/4	201,500	1/4	183,142	1/4	164,785	1/4	146,427	1/4	128,069	1/4	109,712		
1/2	1/2	1/2	237,739	1/2	219,472	1/2	201,117	1/2	182,760	1/2	164,402	1/2	146,045	1/2	127,687	1/2	109,329		
3/4	3/4	3/4	237,362	3/4	219,091	3/4	200,735	3/4	182,377	3/4	164,020	3/4	145,662	3/4	127,305	3/4	108,947		
1	1	1	236,986	1	218,710	1	200,353	1	181,995	1	163,637	1	145,280	1	126,922	1	108,565		
1/4	1/4	1/4	236,608	1/4	218,329	1/4	199,970	1/4	181,612	1/4	163,255	1/4	144,897	1/4	126,540	1/4	108,182		
1/2	1/2	1/2	236,227	1/2	217,947	1/2	199,588	1/2	181,230	1/2	162,872	1/2	144,515	1/2	126,157	1/2	107,800		
3/4	3/4	3/4	235,847	3/4	217,564	3/4	199,205	3/4	180,848	3/4	162,490	3/4	144,132	3/4	125,775	3/4	107,417		
2	2	2	235,467	2	217,182	2	198,823	2	180,465	2	162,108	2	143,750	2	125,392	2	107,035		
1/4	1/4	1/4	235,086	1/4	216,798	1/4	198,440	1/4	180,083	1/4	161,725	1/4	143,367	1/4	125,010	1/4	106,652		
1/2	1/2	1/2	234,705	1/2	216,415	1/2	198,058	1/2	179,700	1/2	161,343	1/2	142,985	1/2	124,627	1/2	106,270		
3/4	3/4	3/4	234,324	3/4	216,033	3/4	197,675	3/4	179,318	3/4	160,960	3/4	142,603	3/4	124,245	3/4	105,887		
3	3	3	233,943	3	215,651	3	197,293	3	178,935	3	160,578	3	142,220	3	123,863	3	105,505		
1/4	1/4	248,464	233,563	1/4	215,268	1/4	196,910	1/4	178,553	1/4	160,195	1/4	141,838	1/4	123,480	1/4	105,122		
1/2	1/2	248,381	233,182	1/2	214,886	1/2	196,528	1/2	178,170	1/2	159,813	1/2	141,455	1/2	123,098	1/2	104,740		
3/4	3/4	248,298	232,801	3/4	214,503	3/4	196,146	3/4	177,788	3/4	159,430	3/4	141,073	3/4	122,715	3/4	104,358		
4	4	248,215	232,420	4	214,121	4	195,763	4	177,406	4	159,048	4	140,690	4	122,333	4	103,975		
1/4	1/4	248,100	232,039	1/4	213,738	1/4	195,381	1/4	177,023	1/4	158,665	1/4	140,308	1/4	121,950	1/4	103,593		
1/2	1/2	247,953	231,658	1/2	213,356	1/2	194,998	1/2	176,641	1/2	158,283	1/2	139,925	1/2	121,568	1/2	103,210		
3/4	3/4	247,806	231,278	3/4	212,973	3/4	194,616	3/4	176,258	3/4	157,901	3/4	139,543	3/4	121,185	3/4	102,828		
5	5	247,659	230,897	5	212,591	5	194,233	5	175,876	5	157,518	5	139,161	5	120,803	5	102,445		
1/4	1/4	247,481	230,516	1/4	212,208	1/4	193,851	1/4	175,493	1/4	157,136	1/4	138,778	1/4	120,420	1/4	102,063		
1/2	1/2	247,270	230,135	1/2	211,826	1/2	193,468	1/2	175,111	1/2	156,753	1/2	138,396	1/2	120,038	1/2	101,680		
3/4	3/4	247,059	229,754	3/4	211,444	3/4	193,086	3/4	174,728	3/4	156,371	3/4	138,013	3/4	119,656	3/4	101,298		
6	6	246,849	229,374	6	211,061	6	192,704	6	174,346	6	155,988	6	137,631	6	119,273	6	100,916		
1/4	1/4	246,606	228,993	1/4	210,679	1/4	192,321	1/4	173,963	1/4	155,606	1/4	137,248	1/4	118,891	1/4	100,533		
1/2	1/2	246,332	228,612	1/2	210,296	1/2	191,939	1/2	173,581	1/2	155,223	1/2	136,866	1/2	118,508	1/2	100,151		
3/4	3/4	246,058	228,231	3/4	209,914	3/4	191,556	3/4	173,199	3/4	154,841	3/4	136,483	3/4	118,126	3/4	99,768		
7	7	245,783	227,850	7	209,531	7	191,174	7	172,816	7	154,459	7	136,101	7	117,743	7	99,386		
1/4	1/4	245,478	227,469	1/4	209,149	1/4	190,791	1/4	172,434	1/4	154,076	1/4	135,718	1/4	117,361	1/4	99,003		
1/2	1/2	245,141	227,089	1/2	208,766	1/2	190,409	1/2	172,051	1/2	153,694	1/2	135,336	1/2	116,978	1/2	98,621		
3/4	3/4	244,804	226,708	3/4	208,384	3/4	190,026	3/4	171,669	3/4	153,311	3/4	134,954	3/4	116,596	3/4	98,238		
8	8	244,468	226,327	8	208,002	8	189,644	8	171,286	8	152,929	8	134,571	8	116,214	8	97,856		
1/4	1/4	244,114	225,946	1/4	207,619	1/4	189,261	1/4	170,904	1/4	152,546	1/4	134,189	1/4	115,831	1/4	97,473		
1/2	1/2	243,743	225,565	1/2	207,237	1/2	188,879	1/2	170,521	1/2	152,164	1/2	133,806	1/2	115,449	1/2	97,091		
3/4	3/4	243,372	225,184	3/4	206,854	3/4	188,497	3/4	170,139	3/4	151,781	3/4	133,424	3/4	115,066	3/4	96,709		
9	9	243,002	224,804	9	206,472	9	188,114	9	169,757	9	151,399	9	133,041	9	114,684	9	96,326		
1/4	1/4	242,628	224,423	1/4	206,089	1/4	187,732	1/4	169,374	1/4	151,016	1/4	132,659	1/4	114,301	1/4	95,944		
1/2	1/2	242,253	224,042	1/2	205,707	1/2	187,349	1/2	168,992	1/2	150,634	1/2	132,276	1/2	113,919	1/2	95,561		
3/4	3/4	241,877	223,661	3/4	205,324	3/4	186,967	3/4	168,609	3/4	150,252	3/4	131,894	3/4	113,536	3/4	95,179		
10	10	241,501	223,280	10	204,942	10	186,584	10	168,227	10	149,869	10	131,512	10	113,154	10	94,796		
1/4	1/4	241,125	222,899	1/4	204,559	1/4	186,202	1/4	167,844	1/4	149,487	1/4	131,129	1/4	112,771	1/4	94,414		
1/2	1/2	240,749	222,519	1/2	204,177	1/2	185,819	1/2	167,462	1/2	149,104	1/2	130,747	1/2	112,389	1/2	94,031		
3/4	3/4	240,373	222,138	3/4	203,795	3/4	185,437	3/4	167,079	3/4	148,722	3/4	130,364	3/4	112,007	3/4	93,649		
11	11	239,997	221,757	11	203,412	11	185,055	11	166,697	11	148,339	11	129,982	11	111,624	11	93,267		
1/4	1/4	239,621	221,376	1/4	203,030	1/4	184,672	1/4	166,314	1/4	147,957	1/4	129,599	1/4	111,242	1/4	92,884		
1/2	1/2	239,244	220,995	1/2	202,647	1/2	184,290	1/2	165,932	1/2	147,574	1/2	129,217	1/2	110,859	1/2	92,502		
3/4	3/4	238,868	220,614	3/4	202,265	3/4	183,907	3/4	165,550	3/4	147,192	3/4	128,834	3/4	110,477	3/4	92,119		

GAUGE LOCATED 25'-2" FROM AFT BULKHEAD AND 1'-0" FROM CENTERLINE BULKHEAD.

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COMPUTED BY: JW 02/22/00
STRAPPED BY: CJ & SA 02/17/00

SAYBOLT INC.

SAYBOLT INC.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE CBC 227

TANK 3

ULLAGE TABLE
MMC GAUGING

MMC GAUGE HEIGHT 15'-2 1/8"

COMPUTED IN U. S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.
0	91,737	0	73,379	0	55,022	0	36,829	0	18,472	0	948
1/4	91,354	1/4	72,997	1/4	54,639	1/4	36,447	1/4	18,089	1/4	760
1/2	90,972	1/2	72,614	1/2	54,257	1/2	36,064	1/2	17,707	1/2	616
3/4	90,589	3/4	72,232	3/4	53,874	3/4	35,682	3/4	17,324	3/4	472
1	90,207	1	71,849	1	53,492	1	35,299	1	16,942	1	328
1/4	89,824	1/4	71,467	1/4	53,109	1/4	34,917	1/4	16,559	1/4	228
1/2	89,442	1/2	71,084	1/2	52,727	1/2	34,535	1/2	16,177	1/2	173
3/4	89,060	3/4	70,702	3/4	52,344	3/4	34,152	3/4	15,795	3/4	117
2	88,677	2	70,320	2	51,962	2	33,770	2	15,412	2	62
1/4	88,295	1/4	69,937	1/4	51,579	1/4	33,387	1/4	15,030	1/8	34
1/2	87,912	1/2	69,555	1/2	51,197	1/2	33,005	1/2	14,647		
3/4	87,530	3/4	69,172	3/4	50,815	3/4	32,622	3/4	14,265		
3	87,147	3	68,790	3	50,432	3	32,240	3	13,882		
1/4	86,765	1/4	68,407	1/4	50,052	1/4	31,857	1/4	13,500		
1/2	86,382	1/2	68,025	1/2	49,674	1/2	31,475	1/2	13,117		
3/4	86,000	3/4	67,642	3/4	49,296	3/4	31,093	3/4	12,735		
4	85,618	4	67,260	4	48,918	4	30,710	4	12,352		
1/4	85,235	1/4	66,877	1/4	48,540	1/4	30,328	1/4	11,970		
1/2	84,853	1/2	66,495	1/2	48,163	1/2	29,945	1/2	11,588		
3/4	84,470	3/4	66,113	3/4	47,786	3/4	29,563	3/4	11,205		
5	84,088	5	65,730	5	47,409	5	29,180	5	10,823		
1/4	83,705	1/4	65,348	1/4	47,031	1/4	28,798	1/4	10,441		
1/2	83,323	1/2	64,965	1/2	46,654	1/2	28,415	1/2	10,058		
3/4	82,940	3/4	64,583	3/4	46,277	3/4	28,033	3/4	9,676		
6	82,558	6	64,200	6	45,900	6	27,650	6	9,294		
1/4	82,175	1/4	63,818	1/4	45,522	1/4	27,268	1/4	8,912		
1/2	81,793	1/2	63,435	1/2	45,145	1/2	26,886	1/2	8,531		
3/4	81,411	3/4	63,053	3/4	44,768	3/4	26,503	3/4	8,149		
7	81,028	7	62,671	7	44,391	7	26,121	7	7,768		
1/4	80,646	1/4	62,288	1/4	44,013	1/4	25,738	1/4	7,386		
1/2	80,263	1/2	61,906	1/2	43,636	1/2	25,356	1/2	7,006		
3/4	79,881	3/4	61,523	3/4	43,259	3/4	24,973	3/4	6,625		
8	79,498	8	61,141	8	42,881	8	24,591	8	6,244		
1/4	79,116	1/4	60,758	1/4	42,504	1/4	24,208	1/4	5,864		
1/2	78,733	1/2	60,376	1/2	42,127	1/2	23,826	1/2	5,484		
3/4	78,351	3/4	59,993	3/4	41,750	3/4	23,444	3/4	5,105		
9	77,969	9	59,611	9	41,372	9	23,061	9	4,726		
1/4	77,586	1/4	59,228	1/4	40,995	1/4	22,679	1/4	4,348		
1/2	77,204	1/2	58,846	1/2	40,618	1/2	22,296	1/2	3,973		
3/4	76,821	3/4	58,464	3/4	40,241	3/4	21,914	3/4	3,599		
10	76,439	10	58,081	10	39,863	10	21,531	10	3,224		
1/4	76,056	1/4	57,699	1/4	39,486	1/4	21,149	1/4	2,877		
1/2	75,674	1/2	57,316	1/2	39,109	1/2	20,766	1/2	2,559		
3/4	75,291	3/4	56,934	3/4	38,731	3/4	20,384	3/4	2,240		
11	74,909	11	56,551	11	38,354	11	20,001	11	1,922		
1/4	74,526	1/4	56,169	1/4	37,975	1/4	19,619	1/4	1,646		
1/2	74,144	1/2	55,786	1/2	37,593	1/2	19,237	1/2	1,414		
3/4	73,762	3/4	55,404	3/4	37,211	3/4	18,854	3/4	1,181		

GAUGE LOCATED 25'-2" 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 02/00

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: JW 02/22/00
STRAPPED BY: CJ & SA 02/17/00

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