

SAYBOLT INC.

Gulf Coast Headquarters
206 W. San Augustine
Deer Park, Texas 77536

BARGE "CBC-110"

ULLAGE TRIM TABLE

DOWN	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BY BOW	BY STERN										
1 CNTR	-00-0/0	+00-0/0	-00-0/0	+00-0/0	-00-1/8	+00-1/8	-00-1/8	+00-1/8	-00-1/8	+00-1/8	-00-1/8	+00-1/8
2 CNTR	+00-1/8	-00-1/8	+00-1/8	-00-1/8	+00-1/4	-00-1/4	+00-3/8	-00-3/8	+00-3/8	-00-3/8	+00-1/2	-00-1/2
3 CNTR	+00-1/8	-00-1/8	+00-1/4	-00-1/4	+00-3/8	-00-3/8	+00-1/2	-00-1/2	+00-1/2	-00-1/2	+00-7/8	-00-7/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD DRAFT = 2'-00"

AFT DRAFT = 4'-00"

DIFF. = 2'-00" (DOWN BY STERN)

LENGTH BETWEEN DRAFT MARKS: 164'-00"

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 2 CNTR IS -00-1/8".
FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 CNTR, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8".

August 17, 1999
SAYBOLT INC.



GAUGE HEIGHT = 15'-10 5/8"

CAPACITIES GIVEN IN WHOLE GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	142,345	142,378	142,411	142,444	142,477	142,510	142,543	142,576	142,609	142,642	142,675	142,708	142,741	142,774	142,807	142,840	142,873	142,906
1/2	1/2	142,528	142,561	142,594	142,627	142,660	142,693	142,726	142,759	142,792	142,825	142,858	142,891	142,924	142,957	142,990	143,023	143,056	143,089
3/4	3/4	142,313	142,346	142,379	142,412	142,445	142,478	142,511	142,544	142,577	142,610	142,643	142,676	142,709	142,742	142,775	142,808	142,841	142,874
1	1	142,097	142,130	142,163	142,196	142,229	142,262	142,295	142,328	142,361	142,394	142,427	142,460	142,493	142,526	142,559	142,592	142,625	142,658
1/4	1/4	141,882	141,915	141,948	141,981	142,014	142,047	142,080	142,113	142,146	142,179	142,212	142,245	142,278	142,311	142,344	142,377	142,410	142,443
1/2	1/2	141,666	141,699	141,732	141,765	141,798	141,831	141,864	141,897	141,930	141,963	141,996	142,029	142,062	142,095	142,128	142,161	142,194	142,227
3/4	3/4	141,449	141,482	141,515	141,548	141,581	141,614	141,647	141,680	141,713	141,746	141,779	141,812	141,845	141,878	141,911	141,944	141,977	142,010
2	2	141,232	141,265	141,298	141,331	141,364	141,397	141,430	141,463	141,496	141,529	141,562	141,595	141,628	141,661	141,694	141,727	141,760	141,793
1/4	1/4	141,016	141,049	141,082	141,115	141,148	141,181	141,214	141,247	141,280	141,313	141,346	141,379	141,412	141,445	141,478	141,511	141,544	141,577
1/2	1/2	140,799	140,832	140,865	140,898	140,931	140,964	140,997	141,030	141,063	141,096	141,129	141,162	141,195	141,228	141,261	141,294	141,327	141,360
3/4	3/4	140,582	140,615	140,648	140,681	140,714	140,747	140,780	140,813	140,846	140,879	140,912	140,945	140,978	141,011	141,044	141,077	141,110	141,143
3	3	140,365	140,398	140,431	140,464	140,497	140,530	140,563	140,596	140,629	140,662	140,695	140,728	140,761	140,794	140,827	140,860	140,893	140,926
1/4	1/4	140,148	140,181	140,214	140,247	140,280	140,313	140,346	140,379	140,412	140,445	140,478	140,511	140,544	140,577	140,610	140,643	140,676	140,709
1/2	1/2	139,931	139,964	139,997	140,030	140,063	140,096	140,129	140,162	140,195	140,228	140,261	140,294	140,327	140,360	140,393	140,426	140,459	140,492
3/4	3/4	139,714	139,747	139,780	139,813	139,846	139,879	139,912	139,945	139,978	140,011	140,044	140,077	140,110	140,143	140,176	140,209	140,242	140,275
4	4	139,497	139,530	139,563	139,596	139,629	139,662	139,695	139,728	139,761	139,794	139,827	139,860	139,893	139,926	139,959	139,992	140,025	140,058
1/4	1/4	139,280	139,313	139,346	139,379	139,412	139,445	139,478	139,511	139,544	139,577	139,610	139,643	139,676	139,709	139,742	139,775	139,808	139,841
1/2	1/2	139,063	139,096	139,129	139,162	139,195	139,228	139,261	139,294	139,327	139,360	139,393	139,426	139,459	139,492	139,525	139,558	139,591	139,624
3/4	3/4	138,846	138,879	138,912	138,945	138,978	139,011	139,044	139,077	139,110	139,143	139,176	139,209	139,242	139,275	139,308	139,341	139,374	139,407
5	5	138,629	138,662	138,695	138,728	138,761	138,794	138,827	138,860	138,893	138,926	138,959	138,992	139,025	139,058	139,091	139,124	139,157	139,190
1/4	1/4	138,412	138,445	138,478	138,511	138,544	138,577	138,610	138,643	138,676	138,709	138,742	138,775	138,808	138,841	138,874	138,907	138,940	138,973
1/2	1/2	138,194	138,227	138,260	138,293	138,326	138,359	138,392	138,425	138,458	138,491	138,524	138,557	138,590	138,623	138,656	138,689	138,722	138,755
3/4	3/4	137,977	137,997	138,017	138,037	138,057	138,077	138,097	138,117	138,137	138,157	138,177	138,197	138,217	138,237	138,257	138,277	138,297	138,317
6	6	137,760	137,780	137,800	137,820	137,840	137,860	137,880	137,900	137,920	137,940	137,960	137,980	138,000	138,020	138,040	138,060	138,080	138,100
1/4	1/4	137,543	137,576	137,609	137,642	137,675	137,708	137,741	137,774	137,807	137,840	137,873	137,906	137,939	137,972	138,005	138,038	138,071	138,104
1/2	1/2	137,326	137,359	137,392	137,425	137,458	137,491	137,524	137,557	137,590	137,623	137,656	137,689	137,722	137,755	137,788	137,821	137,854	137,887
3/4	3/4	137,109	137,142	137,175	137,208	137,241	137,274	137,307	137,340	137,373	137,406	137,439	137,472	137,505	137,538	137,571	137,604	137,637	137,670
7	7	136,892	136,925	136,958	136,991	137,024	137,057	137,090	137,123	137,156	137,189	137,222	137,255	137,288	137,321	137,354	137,387	137,420	137,453
1/4	1/4	136,675	136,708	136,741	136,774	136,807	136,840	136,873	136,906	136,939	136,972	137,005	137,038	137,071	137,104	137,137	137,170	137,203	137,236
1/2	1/2	136,458	136,491	136,524	136,557	136,590	136,623	136,656	136,689	136,722	136,755	136,788	136,821	136,854	136,887	136,920	136,953	136,986	137,019
3/4	3/4	136,241	136,274	136,307	136,340	136,373	136,406	136,439	136,472	136,505	136,538	136,571	136,604	136,637	136,670	136,703	136,736	136,769	136,802
8	8	136,024	136,057	136,090	136,123	136,156	136,189	136,222	136,255	136,288	136,321	136,354	136,387	136,420	136,453	136,486	136,519	136,552	136,585
1/4	1/4	135,807	135,840	135,873	135,906	135,939	135,972	136,005	136,038	136,071	136,104	136,137	136,170	136,203	136,236	136,269	136,302	136,335	136,368
1/2	1/2	135,590	135,623	135,656	135,689	135,722	135,755	135,788	135,821	135,854	135,887	135,920	135,953	135,986	136,019	136,052	136,085	136,118	136,151
3/4	3/4	135,373	135,406	135,439	135,472	135,505	135,538	135,571	135,604	135,637	135,670	135,703	135,736	135,769	135,802	135,835	135,868	135,901	135,934
9	9	135,156	135,189	135,222	135,255	135,288	135,321	135,354	135,387	135,420	135,453	135,486	135,519	135,552	135,585	135,618	135,651	135,684	135,717
1/4	1/4	134,939	134,972	135,005	135,038	135,071	135,104	135,137	135,170	135,203	135,236	135,269	135,302	135,335	135,368	135,401	135,434	135,467	135,500
1/2	1/2	134,722	134,755	134,788	134,821	134,854	134,887	134,920	134,953	134,986	135,019	135,052	135,085	135,118	135,151	135,184	135,217	135,250	135,283
3/4	3/4	134,505	134,538	134,571	134,604	134,637	134,670	134,703	134,736	134,769	134,802	134,835	134,868	134,901	134,934	134,967	135,000	135,033	135,066
10	10	134,288	134,321	134,354	134,387	134,420	134,453	134,486	134,519	134,552	134,585	134,618	134,651	134,684	134,717	134,750	134,783	134,816	134,849
1/4	1/4	134,071	134,104	134,137	134,170	134,203	134,236	134,269	134,302	134,335	134,368	134,401	134,434	134,467	134,500	134,533	134,566	134,599	134,632
1/2	1/2	133,854	133,887	133,920	133,953	133,986	134,019	134,052	134,085	134,118	134,151	134,184	134,217	134,250	134,283	134,316	134,349	134,382	134,415
3/4	3/4	133,637	133,670	133,703	133,736	133,769	133,802	133,835	133,868	133,901	133,934	133,967	134,000	134,033	134,066	134,099	134,132	134,165	134,198
11	11	133,418	133,451	133,484	133,517	133,550	133,583	133,616	133,649	133,682	133,715	133,748	133,781	133,814	133,847	133,880	133,913	133,946	133,979
1/4	1/4	133,201	133,234	133,267	133,300	133,333	133,366	133,399	133,432	133,465	133,498	133,531	133,564	133,597	133,630	133,663	133,696	133,729	133,762
1/2	1/2	132,984	133,017	133,050	133,083	133,116	133,149	133,182	133,215	133,248	133,281	133,314	133,347	133,380	133,413	133,446	133,479	133,512	133,545
3/4	3/4	132,767	132,800	132,833	132,866	132,899	132,932	132,965	132,998	133,031	133,064	133,097	133,130	133,163	133,196	133,229	133,262	133,295	133,328
12	12	132,550	132,583	132,616	132,649	132,682	132,715	132,748	132,781	132,814	132,847	132,880	132,913	132,946	132,979	133,012	133,045	133,078	133,111
1/4	1/4	132,333	132,366	132,399	132,432	132,465	132,498	132,531	132,564	132,597	132,630	132,663	132,696	132,729	132,762	132,795	132,828	132,861	132,894
1/2	1/2	132,116	132,149	132,182	132,215	132,248	132,281	132,314											

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT = 15'-10 5/8"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT								
0	59,397	0	48,959	0	38,521	0	28,283	0	18,139	0	7,695	0	0	0	0	0	0	0	0
1/4	59,179	1/4	48,741	1/4	38,303	1/4	28,079	1/4	17,921	1/4	7,477	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,962	1/2	48,524	1/2	38,086	1/2	27,876	1/2	17,704	1/2	7,260	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,744	3/4	48,306	3/4	37,868	3/4	27,672	3/4	17,486	3/4	7,042	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	58,527	1	48,089	1	37,651	1	27,469	1	17,268	1	6,824	1	1	1	1	1	1	1	1
1/4	58,310	1/4	47,872	1/4	37,434	1/4	27,265	1/4	17,051	1/4	6,607	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,092	1/2	47,654	1/2	37,216	1/2	27,062	1/2	16,833	1/2	6,389	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,875	3/4	47,437	3/4	36,999	3/4	26,858	3/4	16,616	3/4	6,172	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	57,657	2	47,219	2	36,781	2	26,655	2	16,398	2	5,955	2	2	2	2	2	2	2	2
1/4	57,440	1/4	47,002	1/4	36,564	1/4	26,451	1/4	16,180	1/4	5,737	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	57,222	1/2	46,784	1/2	36,346	1/2	26,248	1/2	15,963	1/2	5,520	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,005	3/4	46,567	3/4	36,129	3/4	26,044	3/4	15,745	3/4	5,303	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	56,787	3	46,349	3	35,911	3	25,841	3	15,528	3	5,086	3	3	3	3	3	3	3	3
1/4	56,570	1/4	46,132	1/4	35,694	1/4	25,637	1/4	15,310	1/4	4,869	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	56,352	1/2	45,914	1/2	35,476	1/2	25,434	1/2	15,093	1/2	4,652	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	56,135	3/4	45,697	3/4	35,259	3/4	25,230	3/4	14,875	3/4	4,435	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	55,917	4	45,480	4	35,042	4	25,027	4	14,657	4	4,219	4	4	4	4	4	4	4	4
1/4	55,700	1/4	45,262	1/4	34,824	1/4	24,823	1/4	14,440	1/4	4,002	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	55,483	1/2	45,045	1/2	34,607	1/2	24,620	1/2	14,222	1/2	3,786	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	55,265	3/4	44,827	3/4	34,389	3/4	24,411	3/4	14,005	3/4	3,571	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	55,048	5	44,610	5	34,172	5	24,203	5	13,787	5	3,355	5	5	5	5	5	5	5	5
1/4	54,830	1/4	44,392	1/4	33,954	1/4	23,994	1/4	13,569	1/4	3,140	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	54,613	1/2	44,175	1/2	33,737	1/2	23,785	1/2	13,352	1/2	2,924	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	54,395	3/4	43,957	3/4	33,519	3/4	23,570	3/4	13,134	3/4	2,711	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	54,178	6	43,740	6	33,302	6	23,355	6	12,917	6	2,497	6	6	6	6	6	6	6	6
1/4	53,960	1/4	43,522	1/4	33,084	1/4	23,140	1/4	12,699	1/4	2,283	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	53,743	1/2	43,305	1/2	32,867	1/2	22,925	1/2	12,482	1/2	2,070	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53,525	3/4	43,087	3/4	32,649	3/4	22,707	3/4	12,264	3/4	1,872	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	53,308	7	42,870	7	32,432	7	22,490	7	12,046	7	1,674	7	7	7	7	7	7	7	7
1/4	53,091	1/4	42,653	1/4	32,215	1/4	22,273	1/4	11,829	1/4	1,476	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	52,873	1/2	42,435	1/2	31,997	1/2	22,055	1/2	11,611	1/2	1,278	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	52,656	3/4	42,218	3/4	31,784	3/4	21,838	3/4	11,394	3/4	1,123	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	52,438	8	42,000	8	31,571	8	21,620	8	11,176	8	968	8	8	8	8	8	8	8	8
1/4	52,221	1/4	41,783	1/4	31,357	1/4	21,402	1/4	10,958	1/4	813	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	52,003	1/2	41,565	1/2	31,144	1/2	21,185	1/2	10,741	1/2	657	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	51,786	3/4	41,348	3/4	30,938	3/4	20,967	3/4	10,523	3/4	555	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	51,568	9	41,130	9	30,731	9	20,750	9	10,306	9	453	9	9	9	9	9	9	9	9
1/4	51,351	1/4	40,913	1/4	30,525	1/4	20,532	1/4	10,088	1/4	351	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	51,133	1/2	40,695	1/2	30,319	1/2	20,315	1/2	9,871	1/2	249	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	50,916	3/4	40,478	3/4	30,115	3/4	20,097	3/4	9,653	3/4	202	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	50,699	10	40,261	10	29,911	10	19,879	10	9,435	10	154	10	10	10	10	10	10	10	10
1/4	50,481	1/4	40,043	1/4	29,708	1/4	19,662	1/4	9,218	1/4	107	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	50,264	1/2	39,826	1/2	29,504	1/2	19,444	1/2	9,000	1/2	59	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	50,046	3/4	39,608	3/4	29,300	3/4	19,227	3/4	8,783	3/4	39	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	49,829	11	39,391	11	29,097	11	19,009	11	8,565	11	11	11	11	11	11	11	11	11	11
1/4	49,611	1/4	39,173	1/4	28,893	1/4	18,791	1/4	8,347	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	49,394	1/2	38,956	1/2	28,690	1/2	18,574	1/2	8,130	1/2	1/4	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	49,176	3/4	38,738	3/4	28,486	3/4	18,356	3/4	7,912	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

SAYBOLT INC.


CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT = 15'-09 7/8"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN										
0	60,092	0	49,466	0	38,841	0	28,312	0	17,788	0	7,164	0	0	0	0	0	0	0	0
1/4	59,870	1/4	49,245	1/4	38,620	1/4	28,096	1/4	17,567	1/4	6,942	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,649	1/2	49,024	1/2	38,398	1/2	27,881	1/2	17,346	1/2	6,721	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,427	3/4	48,802	3/4	38,177	3/4	27,666	3/4	17,124	3/4	6,500	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	59,206	1	48,581	1	37,956	1	27,451	1	16,903	1	6,279	1	1	1	1	1	1	1	1
1/4	58,985	1/4	48,360	1/4	37,734	1/4	27,236	1/4	16,682	1/4	6,057	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,763	1/2	48,138	1/2	37,513	1/2	27,020	1/2	16,460	1/2	5,836	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,542	3/4	47,917	3/4	37,292	3/4	26,805	3/4	16,239	3/4	5,615	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	58,321	2	47,696	2	37,070	2	26,590	2	16,018	2	5,394	2	2	2	2	2	2	2	2
1/4	58,099	1/4	47,474	1/4	36,849	1/4	26,375	1/4	15,796	1/4	5,173	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	57,878	1/2	47,253	1/2	36,628	1/2	26,160	1/2	15,575	1/2	4,953	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,657	3/4	47,031	3/4	36,406	3/4	25,944	3/4	15,354	3/4	4,732	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	57,435	3	46,810	3	36,185	3	25,729	3	15,132	3	4,512	3	3	3	3	3	3	3	3
1/4	57,214	1/4	46,589	1/4	35,964	1/4	25,514	1/4	14,911	1/4	4,292	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	56,993	1/2	46,367	1/2	35,742	1/2	25,299	1/2	14,690	1/2	4,071	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	56,771	3/4	46,146	3/4	35,521	3/4	25,084	3/4	14,468	3/4	3,851	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	56,550	4	45,925	4	35,299	4	24,864	4	14,247	4	3,632	4	4	4	4	4	4	4	4
1/4	56,328	1/4	45,703	1/4	35,078	1/4	24,645	1/4	14,025	1/4	3,413	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	56,107	1/2	45,482	1/2	34,857	1/2	24,426	1/2	13,804	1/2	3,194	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	55,886	3/4	45,261	3/4	34,635	3/4	24,207	3/4	13,583	3/4	2,975	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	55,664	5	45,039	5	34,414	5	23,986	5	13,361	5	2,757	5	5	5	5	5	5	5	5
1/4	55,443	1/4	44,818	1/4	34,193	1/4	23,764	1/4	13,140	1/4	2,540	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	55,222	1/2	44,596	1/2	33,971	1/2	23,543	1/2	12,919	1/2	2,323	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	55,000	3/4	44,375	3/4	33,750	3/4	23,322	3/4	12,697	3/4	2,105	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	54,779	6	44,154	6	33,529	6	23,101	6	12,476	6	1,904	6	6	6	6	6	6	6	6
1/4	54,558	1/4	43,932	1/4	33,307	1/4	22,879	1/4	12,255	1/4	1,703	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	54,336	1/2	43,711	1/2	33,086	1/2	22,658	1/2	12,033	1/2	1,502	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	54,115	3/4	43,490	3/4	32,865	3/4	22,437	3/4	11,812	3/4	1,300	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	53,894	7	43,268	7	32,643	7	22,215	7	11,591	7	1,142	7	7	7	7	7	7	7	7
1/4	53,672	1/4	43,047	1/4	32,422	1/4	21,994	1/4	11,369	1/4	984	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	53,451	1/2	42,826	1/2	32,200	1/2	21,773	1/2	11,148	1/2	826	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53,229	3/4	42,604	3/4	31,979	3/4	21,551	3/4	10,927	3/4	668	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	53,008	8	42,383	8	31,762	8	21,330	8	10,705	8	565	8	8	8	8	8	8	8	8
1/4	52,787	1/4	42,162	1/4	31,544	1/4	21,109	1/4	10,484	1/4	461	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	52,565	1/2	41,940	1/2	31,327	1/2	20,887	1/2	10,263	1/2	357	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	52,344	3/4	41,719	3/4	31,110	3/4	20,666	3/4	10,041	3/4	254	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	52,123	9	41,497	9	30,894	9	20,445	9	9,820	9	205	9	9	9	9	9	9	9	9
1/4	51,901	1/4	41,276	1/4	30,679	1/4	20,223	1/4	9,599	1/4	157	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	51,680	1/2	41,055	1/2	30,464	1/2	20,002	1/2	9,377	1/2	108	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	51,459	3/4	40,833	3/4	30,248	3/4	19,781	3/4	9,156	3/4	60	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	51,237	10	40,612	10	30,033	10	19,559	10	8,934	10	39	10	10	10	10	10	10	10	10
1/4	51,016	1/4	40,391	1/4	29,818	1/4	19,338	1/4	8,713	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	50,795	1/2	40,169	1/2	29,603	1/2	19,117	1/2	8,492	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	50,573	3/4	39,948	3/4	29,388	3/4	18,895	3/4	8,270	3/4	1/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	50,352	11	39,727	11	29,172	11	18,674	11	8,049	11	1/4	11	11	11	11	11	11	11	11
1/4	50,130	1/4	39,505	1/4	28,957	1/4	18,452	1/4	7,828	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	49,909	1/2	39,284	1/2	28,742	1/2	18,231	1/2	7,606	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	49,688	3/4	39,063	3/4	28,527	3/4	18,010	3/4	7,385	3/4	1/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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SAYBOLT INC.

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT = 15'-09 7/8"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	0	0	147,839	0	137,076	0	126,260	0	115,454	0	104,637	0	93,819	0	82,999	0	72,178	0
1/4	1/4	1/4	1/4	147,617	1/4	136,851	1/4	126,034	1/4	115,228	1/4	104,412	1/4	93,593	1/4	82,773	1/4	71,953	1/4
1/2	1/2	1/2	1/2	147,394	1/2	136,626	1/2	125,809	1/2	115,003	1/2	104,186	1/2	93,368	1/2	82,548	1/2	71,727	1/2
3/4	3/4	3/4	3/4	147,171	3/4	136,400	3/4	125,584	3/4	114,778	3/4	103,961	3/4	93,143	3/4	82,322	3/4	71,502	3/4
1	1	1	1	146,947	1	136,175	1	125,359	1	114,552	1	103,736	1	92,917	1	82,097	1	71,276	1
1/4	1/4	1/4	1/4	146,724	1/4	135,950	1/4	125,134	1/4	114,327	1/4	103,510	1/4	92,692	1/4	81,871	1/4	71,051	1/4
1/2	1/2	1/2	1/2	146,500	1/2	135,724	1/2	124,909	1/2	114,102	1/2	103,285	1/2	92,466	1/2	81,646	1/2	70,826	1/2
3/4	3/4	3/4	3/4	146,276	3/4	135,499	3/4	124,685	3/4	113,876	3/4	103,060	3/4	92,241	3/4	81,421	3/4	70,600	3/4
2	2	2	2	146,052	2	135,274	2	124,460	2	113,651	2	102,834	2	92,015	2	81,195	2	70,375	2
1/4	1/4	1/4	1/4	145,827	1/4	135,048	1/4	124,236	1/4	113,426	1/4	102,609	1/4	91,790	1/4	80,970	1/4	70,149	1/4
1/2	1/2	1/2	1/2	145,603	1/2	134,823	1/2	124,011	1/2	113,200	1/2	102,384	1/2	91,565	1/2	80,744	1/2	69,924	1/2
3/4	3/4	3/4	3/4	145,379	3/4	134,598	3/4	123,787	3/4	112,975	3/4	102,158	3/4	91,339	3/4	80,519	3/4	69,698	3/4
3	3	3	3	145,155	3	134,372	3	123,562	3	112,750	3	101,933	3	91,114	3	80,293	3	69,473	3
1/4	1/4	1/4	1/4	144,931	1/4	134,147	1/4	123,338	1/4	112,524	1/4	101,708	1/4	90,888	1/4	80,068	1/4	69,248	1/4
1/2	1/2	1/2	1/2	144,707	1/2	133,922	1/2	123,113	1/2	112,299	1/2	101,482	1/2	90,663	1/2	79,843	1/2	69,022	1/2
3/4	3/4	3/4	3/4	144,483	3/4	133,696	3/4	122,889	3/4	112,074	3/4	101,257	3/4	90,438	3/4	79,617	3/4	68,797	3/4
4	4	4	4	144,258	4	133,471	4	122,664	4	111,848	4	101,031	4	90,212	4	79,392	4	68,571	4
1/4	1/4	1/4	1/4	144,034	1/4	133,245	1/4	122,439	1/4	111,623	1/4	100,806	1/4	89,987	1/4	79,166	1/4	68,346	1/4
1/2	1/2	1/2	1/2	143,810	1/2	133,020	1/2	122,214	1/2	111,398	1/2	100,581	1/2	89,761	1/2	78,941	1/2	68,120	1/2
3/4	3/4	3/4	3/4	143,586	3/4	132,795	3/4	121,989	3/4	111,172	3/4	100,355	3/4	89,536	3/4	78,715	3/4	67,895	3/4
5	5	5	5	143,362	5	132,569	5	121,763	5	110,947	5	100,130	5	89,310	5	78,490	5	67,670	5
1/4	1/4	1/4	1/4	143,138	1/4	132,344	1/4	121,538	1/4	110,721	1/4	99,905	1/4	89,085	1/4	78,265	1/4	67,444	1/4
1/2	1/2	1/2	1/2	142,913	1/2	132,119	1/2	121,313	1/2	110,496	1/2	99,679	1/2	88,860	1/2	78,039	1/2	67,219	1/2
3/4	3/4	3/4	3/4	142,689	3/4	131,893	3/4	121,088	3/4	110,271	3/4	99,454	3/4	88,634	3/4	77,814	3/4	66,993	3/4
6	6	6	6	142,465	6	131,668	6	120,862	6	110,045	6	99,229	6	88,409	6	77,588	6	66,768	6
1/4	1/4	1/4	1/4	142,241	1/4	131,443	1/4	120,637	1/4	109,820	1/4	99,003	1/4	88,183	1/4	77,363	1/4	66,543	1/4
1/2	1/2	1/2	1/2	142,017	1/2	131,217	1/2	120,411	1/2	109,595	1/2	98,778	1/2	87,958	1/2	77,137	1/2	66,317	1/2
3/4	3/4	3/4	3/4	141,793	3/4	130,992	3/4	120,186	3/4	109,369	3/4	98,553	3/4	87,732	3/4	76,912	3/4	66,092	3/4
7	7	7	7	141,569	7	130,767	7	119,961	7	109,144	7	98,327	7	87,507	7	76,687	7	65,866	7
1/4	1/4	1/4	1/4	141,344	1/4	130,541	1/4	119,735	1/4	108,919	1/4	98,102	1/4	87,282	1/4	76,461	1/4	65,641	1/4
1/2	1/2	1/2	1/2	141,120	1/2	130,316	1/2	119,510	1/2	108,693	1/2	97,876	1/2	87,056	1/2	76,236	1/2	65,415	1/2
3/4	3/4	3/4	3/4	140,896	3/4	130,091	3/4	119,285	3/4	108,468	3/4	97,651	3/4	86,831	3/4	76,010	3/4	65,190	3/4
8	8	8	8	140,672	8	129,865	8	119,059	8	108,243	8	97,426	8	86,605	8	75,785	8	64,965	8
1/4	1/4	1/4	1/4	140,448	1/4	129,640	1/4	118,834	1/4	108,017	1/4	97,200	1/4	86,380	1/4	75,559	1/4	64,739	1/4
1/2	1/2	1/2	1/2	140,224	1/2	129,415	1/2	118,609	1/2	107,792	1/2	96,975	1/2	86,154	1/2	75,334	1/2	64,514	1/2
3/4	3/4	3/4	3/4	139,999	3/4	129,189	3/4	118,383	3/4	107,567	3/4	96,749	3/4	85,929	3/4	75,109	3/4	64,288	3/4
9	9	9	9	139,775	9	128,964	9	118,158	9	107,341	9	96,524	9	85,704	9	74,883	9	64,063	9
1/4	1/4	1/4	1/4	139,551	1/4	128,738	1/4	117,933	1/4	107,116	1/4	96,299	1/4	85,478	1/4	74,658	1/4	63,837	1/4
1/2	1/2	1/2	1/2	139,327	1/2	128,513	1/2	117,707	1/2	106,891	1/2	96,073	1/2	85,253	1/2	74,432	1/2	63,612	1/2
3/4	3/4	3/4	3/4	139,103	3/4	128,288	3/4	117,482	3/4	106,665	3/4	95,848	3/4	85,027	3/4	74,207	3/4	63,387	3/4
10	10	10	10	138,878	10	128,062	10	117,257	10	106,440	10	95,622	10	84,802	10	73,982	10	63,161	10
1/4	1/4	1/4	1/4	138,653	1/4	127,837	1/4	117,031	1/4	106,215	1/4	95,397	1/4	84,576	1/4	73,756	1/4	62,936	1/4
1/2	1/2	1/2	1/2	138,428	1/2	127,612	1/2	116,806	1/2	105,989	1/2	95,171	1/2	84,351	1/2	73,531	1/2	62,710	1/2
3/4	3/4	3/4	3/4	138,203	3/4	127,386	3/4	116,581	3/4	105,764	3/4	94,946	3/4	84,126	3/4	73,305	3/4	62,485	3/4
11	11	11	11	137,978	11	127,161	11	116,355	11	105,538	11	94,721	11	83,900	11	73,080	11	62,259	11
1/4	1/4	1/4	1/4	137,752	1/4	126,936	1/4	116,130	1/4	105,313	1/4	94,495	1/4	83,675	1/4	72,854	1/4	62,034	1/4
1/2	1/2	1/2	1/2	137,527	1/2	126,710	1/2	115,905	1/2	105,088	1/2	94,270	1/2	83,449	1/2	72,629	1/2	61,809	1/2
3/4	3/4	3/4	3/4	137,302	3/4	126,485	3/4	115,679	3/4	104,862	3/4	94,044	3/4	83,224	3/4	72,404	3/4	61,583	3/4

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NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.
 NOTE: CAPACITY TABLE APPLIES ONLY WHEN BARGE IS ON EVEN KEEL.
 NOTE: GAUGE POINT LOCATED 1'-00" OFF CENTERLINE AND 29'-09" FORWARD OF AFT BULKHEAD.
 NOTE: CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES OBTAINED AT 2" DIAMETER "MMC" PIPE.

SAYBOLT INC.

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT = 15'-09 7/8"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN										
0	61,358	0	50,537	0	39,717	0	28,916	0	18,116	0	7,295	0	0	0	0	0	0	0	0
1/4	61,132	1/4	50,312	1/4	39,492	1/4	28,692	1/4	17,890	1/4	7,070	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,907	1/2	50,087	1/2	39,266	1/2	28,467	1/2	17,665	1/2	6,845	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,681	3/4	49,861	3/4	39,041	3/4	28,243	3/4	17,439	3/4	6,619	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	60,456	1	49,636	1	38,815	1	28,019	1	17,214	1	6,394	1	1	1	1	1	1	1	1
1/4	60,231	1/4	49,410	1/4	38,590	1/4	27,795	1/4	16,989	1/4	6,169	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,005	1/2	49,185	1/2	38,364	1/2	27,571	1/2	16,763	1/2	5,943	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,780	3/4	48,959	3/4	38,139	3/4	27,346	3/4	16,538	3/4	5,718	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	59,554	2	48,734	2	37,914	2	27,122	2	16,312	2	5,493	2	2	2	2	2	2	2	2
1/4	59,329	1/4	48,509	1/4	37,688	1/4	26,898	1/4	16,087	1/4	5,269	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,104	1/2	48,283	1/2	37,463	1/2	26,674	1/2	15,861	1/2	5,044	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,878	3/4	48,058	3/4	37,237	3/4	26,450	3/4	15,636	3/4	4,819	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	58,653	3	47,832	3	37,012	3	26,225	3	15,411	3	4,595	3	3	3	3	3	3	3	3
1/4	58,427	1/4	47,607	1/4	36,787	1/4	26,001	1/4	15,185	1/4	4,370	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,202	1/2	47,381	1/2	36,561	1/2	25,777	1/2	14,960	1/2	4,146	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,976	3/4	47,156	3/4	36,336	3/4	25,553	3/4	14,734	3/4	3,922	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	57,751	4	46,931	4	36,110	4	25,328	4	14,509	4	3,699	4	4	4	4	4	4	4	4
1/4	57,526	1/4	46,705	1/4	35,885	1/4	25,103	1/4	14,284	1/4	3,476	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	57,300	1/2	46,480	1/2	35,659	1/2	24,878	1/2	14,058	1/2	3,253	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,075	3/4	46,254	3/4	35,434	3/4	24,653	3/4	13,833	3/4	3,029	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	56,849	5	46,029	5	35,209	5	24,428	5	13,607	5	2,808	5	5	5	5	5	5	5	5
1/4	56,624	1/4	45,803	1/4	34,983	1/4	24,202	1/4	13,382	1/4	2,587	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	56,398	1/2	45,578	1/2	34,758	1/2	23,977	1/2	13,156	1/2	2,365	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	56,173	3/4	45,353	3/4	34,532	3/4	23,751	3/4	12,931	3/4	2,144	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	55,948	6	45,127	6	34,307	6	23,526	6	12,706	6	1,939	6	6	6	6	6	6	6	6
1/4	55,722	1/4	44,902	1/4	34,081	1/4	23,301	1/4	12,480	1/4	1,734	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	55,497	1/2	44,676	1/2	33,856	1/2	23,075	1/2	12,255	1/2	1,529	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	55,271	3/4	44,451	3/4	33,631	3/4	22,850	3/4	12,029	3/4	1,324	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	55,046	7	44,226	7	33,405	7	22,624	7	11,804	7	1,163	7	7	7	7	7	7	7	7
1/4	54,820	1/4	44,000	1/4	33,180	1/4	22,399	1/4	11,578	1/4	1,002	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	54,595	1/2	43,775	1/2	32,954	1/2	22,173	1/2	11,353	1/2	841	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	54,370	3/4	43,549	3/4	32,729	3/4	21,948	3/4	11,128	3/4	681	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	54,144	8	43,324	8	32,504	8	21,723	8	10,902	8	575	8	8	8	8	8	8	8	8
1/4	53,919	1/4	43,098	1/4	32,280	1/4	21,497	1/4	10,677	1/4	469	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	53,693	1/2	42,873	1/2	32,055	1/2	21,272	1/2	10,451	1/2	364	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53,468	3/4	42,648	3/4	31,830	3/4	21,046	3/4	10,226	3/4	258	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	53,242	9	42,422	9	31,606	9	20,821	9	10,000	9	209	9	9	9	9	9	9	9	9
1/4	53,017	1/4	42,197	1/4	31,382	1/4	20,595	1/4	9,775	1/4	159	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	52,792	1/2	41,971	1/2	31,158	1/2	20,370	1/2	9,550	1/2	110	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	52,566	3/4	41,746	3/4	30,933	3/4	20,145	3/4	9,324	3/4	61	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	52,341	10	41,520	10	30,709	10	19,919	10	9,099	10	40	10	10	10	10	10	10	10	10
1/4	52,115	1/4	41,295	1/4	30,485	1/4	19,694	1/4	8,873	1/4	40	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	51,890	1/2	41,070	1/2	30,261	1/2	19,468	1/2	8,648	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	51,665	3/4	40,844	3/4	30,037	3/4	19,243	3/4	8,422	3/4	1/2	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	51,439	11	40,619	11	29,813	11	19,017	11	8,197	11	1/2	11	11	11	11	11	11	11	11
1/4	51,214	1/4	40,393	1/4	29,588	1/4	18,792	1/4	7,972	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	50,988	1/2	40,168	1/2	29,364	1/2	18,567	1/2	7,746	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	50,763	3/4	39,942	3/4	29,140	3/4	18,341	3/4	7,521	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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STRAPPED BY: CL-CJ-JW 8/12/99
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SAYBOLT INC.