

SAYBOLT INC.

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

BARGE "CBC-220"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
DOWN	BY BOW	BY STERN	BY BOW	BY STERN	BY BOW	BY STERN	BY BOW	BY STERN	BY BOW	BY STERN	BY BOW	BY STERN
1 CNTR	+ 00-1/4	- 00-1/4	+ 00-5/8	- 00-5/8	+ 00-7/8	- 00-7/8	+ 01-1/8	- 01-1/8	+ 01-1/2	- 01-1/2	+ 01-3/4	- 01-3/4
2 PORT	+ 00-1/8	- 00-1/8	+ 00-1/8	- 00-1/8	+ 00-1/4	- 00-1/4	+ 00-1/4	- 00-1/4	+ 00-3/8	- 00-3/8	+ 00-3/8	- 00-3/8
2 STBD	+ 00-1/8	- 00-1/8	+ 00-1/8	- 00-1/8	+ 00-1/4	- 00-1/4	+ 00-1/4	- 00-1/4	+ 00-3/8	- 00-3/8	+ 00-3/8	- 00-3/8
3 CNTR	+ 00-1/8	- 00-1/8	+ 00-1/8	- 00-1/8	+ 00-1/4	- 00-1/4	+ 00-1/4	- 00-1/4	+ 00-3/8	- 00-3/8	+ 00-3/8	- 00-3/8

(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)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CNTR IS - 00-5/8".
FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CNTR, THE TRIM CORRECTED ULLAGE IS 3'-11 3/8".

LENGTH BETWEEN DRAFT MARKS: 142'-00"

August 17, 1999
SAYBOLT INC.



SAYBOLT INC.

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

BARGE "CBC-220"

1 CENTER

ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT = 15'-09 1/8"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	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.



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 27'-04" FORWARD OF AFT BULKHEAD.
NOTE: CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES OBTAINED AT 2" DIAMETER "MMC" PIPE.

SAYBOLT INC.

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Deer Park, Texas 77536

BARGE "CBC-220"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT = 15'-09 1/8"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	96,915	0	79,212	0	61,789	0	44,489	0	27,343	0	10,342	0		0		0		0	
1/4	96,546	1/4	78,906	1/4	61,427	1/4	44,131	1/4	26,987	1/4	9,990	1/4		1/4		1/4		1/4	
1/2	96,177	1/2	78,540	1/2	61,065	1/2	43,773	1/2	26,631	1/2	9,638	1/2		1/2		1/2		1/2	
3/4	95,807	3/4	78,174	3/4	60,702	3/4	43,415	3/4	26,276	3/4	9,285	3/4		3/4		3/4		3/4	
1	95,438	1	77,809	1	60,340	1	43,057	1	25,920	1	8,933	1		1		1		1	
1 1/4	95,070	1 1/4	77,443	1 1/4	59,978	1 1/4	42,699	1 1/4	25,564	1 1/4	8,582	1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	94,701	1 1/2	77,078	1 1/2	59,615	1 1/2	42,342	1 1/2	25,209	1 1/2	8,230	1 1/2		1 1/2		1 1/2		1 1/2	
1 3/4	94,332	1 3/4	76,712	1 3/4	59,253	1 3/4	41,984	1 3/4	24,854	1 3/4	7,878	1 3/4		1 3/4		1 3/4		1 3/4	
2	93,963	2	76,347	2	58,891	2	41,626	2	24,498	2	7,527	2		2		2		2	
1/4	93,595	1/4	75,982	1/4	58,529	1/4	41,269	1/4	24,143	1/4	7,176	1/4		1/4		1/4		1/4	
1/2	93,226	1/2	75,617	1/2	58,168	1/2	40,912	1/2	23,788	1/2	6,826	1/2		1/2		1/2		1/2	
3/4	92,858	3/4	75,252	3/4	57,806	3/4	40,555	3/4	23,433	3/4	6,475	3/4		3/4		3/4		3/4	
3	92,489	3	74,886	3	57,444	3	40,197	3	23,078	3	6,124	3		3		3		3	
1/4	92,121	1/4	74,522	1/4	57,083	1/4	39,839	1/4	22,723	1/4	5,775	1/4		1/4		1/4		1/4	
1/2	91,753	1/2	74,157	1/2	56,721	1/2	39,482	1/2	22,368	1/2	5,425	1/2		1/2		1/2		1/2	
3/4	91,385	3/4	73,792	3/4	56,360	3/4	39,124	3/4	22,013	3/4	5,076	3/4		3/4		3/4		3/4	
4	91,016	4	73,427	4	55,998	4	38,766	4	21,658	4	4,726	4		4		4		4	
1/4	90,648	1/4	73,062	1/4	55,637	1/4	38,408	1/4	21,304	1/4	4,379	1/4		1/4		1/4		1/4	
1/2	90,280	1/2	72,698	1/2	55,275	1/2	38,050	1/2	20,949	1/2	4,031	1/2		1/2		1/2		1/2	
3/4	89,912	3/4	72,333	3/4	54,914	3/4	37,692	3/4	20,594	3/4	3,684	3/4		3/4		3/4		3/4	
5	89,544	5	71,968	5	54,553	5	37,334	5	20,240	5	3,336	5		5		5		5	
1/4	89,176	1/4	71,604	1/4	54,192	1/4	36,976	1/4	19,885	1/4	3,015	1/4		1/4		1/4		1/4	
1/2	88,809	1/2	71,239	1/2	53,831	1/2	36,621	1/2	19,531	1/2	2,695	1/2		1/2		1/2		1/2	
3/4	88,441	3/4	70,875	3/4	53,469	3/4	36,261	3/4	19,177	3/4	2,374	3/4		3/4		3/4		3/4	
6	88,073	6	70,510	6	53,108	6	35,903	6	18,822	6	2,053	6		6		6		6	
1/4	87,706	1/4	70,146	1/4	52,748	1/4	35,546	1/4	18,468	1/4	1,803	1/4		1/4		1/4		1/4	
1/2	87,338	1/2	69,782	1/2	52,387	1/2	35,188	1/2	18,114	1/2	1,552	1/2		1/2		1/2		1/2	
3/4	86,971	3/4	69,418	3/4	52,026	3/4	34,831	3/4	17,760	3/4	1,301	3/4		3/4		3/4		3/4	
7	86,603	7	69,054	7	51,665	7	34,474	7	17,406	7	1,051	7		7		7		7	
1/4	86,236	1/4	68,690	1/4	51,306	1/4	34,117	1/4	17,052	1/4	886	1/4		1/4		1/4		1/4	
1/2	85,869	1/2	68,327	1/2	50,946	1/2	33,759	1/2	16,699	1/2	722	1/2		1/2		1/2		1/2	
3/4	85,502	3/4	67,963	3/4	50,586	3/4	33,402	3/4	16,345	3/4	558	3/4		3/4		3/4		3/4	
8	85,135	8	67,599	8	50,227	8	33,045	8	15,991	8	393	8		8		8		8	
1/4	84,768	1/4	67,236	1/4	49,868	1/4	32,689	1/4	15,638	1/4	317	1/4		1/4		1/4		1/4	
1/2	84,401	1/2	66,872	1/2	49,509	1/2	32,332	1/2	15,284	1/2	241	1/2		1/2		1/2		1/2	
3/4	84,035	3/4	66,509	3/4	49,150	3/4	31,975	3/4	14,931	3/4	164	3/4		3/4		3/4		3/4	
9	83,668	9	66,145	9	48,791	9	31,618	9	14,578	9	88	9		9		9		9	
1/4	83,301	1/4	65,782	1/4	48,432	1/4	31,262	1/4	14,224	1/4	55	1/4		1/4		1/4		1/4	
1/2	82,935	1/2	65,419	1/2	48,073	1/2	30,905	1/2	13,871	1/2		1/2		1/2		1/2		1/2	
3/4	82,568	3/4	65,056	3/4	47,714	3/4	30,549	3/4	13,518	3/4		3/4		3/4		3/4		3/4	
10	82,202	10	64,692	10	47,356	10	30,192	10	13,165	10		10		10		10		10	
1/4	81,835	1/4	64,329	1/4	46,997	1/4	29,836	1/4	12,812	1/4		1/4		1/4		1/4		1/4	
1/2	81,469	1/2	63,966	1/2	46,639	1/2	29,480	1/2	12,459	1/2		1/2		1/2		1/2		1/2	
3/4	81,102	3/4	63,603	3/4	46,280	3/4	29,123	3/4	12,106	3/4		3/4		3/4		3/4		3/4	
11	80,736	11	63,240	11	45,922	11	28,767	11	11,753	11		11		11		11		11	
1/4	80,370	1/4	62,878	1/4	45,563	1/4	28,411	1/4	11,400	1/4		1/4		1/4		1/4		1/4	
1/2	80,004	1/2	62,515	1/2	45,205	1/2	28,055	1/2	11,048	1/2		1/2		1/2		1/2		1/2	
3/4	79,638	3/4	62,152	3/4	44,847	3/4	27,699	3/4	10,695	3/4		3/4		3/4		3/4		3/4	

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OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY

SAYBOLT INC.

Chris Jacom

SAYBOLT INC.

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

BARGE "CBC-220"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT = 15'-06 3/8"

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	0	0	110.800	0	102.935	0	94.700	0	86.463	0	78.221	0	69.979	0	61.736	0	53.493
1/4	1/4	1/4	1/4	1/4	110.702	1/4	102.755	1/4	94.529	1/4	86.291	1/4	78.050	1/4	69.807	1/4	61.564	1/4	53.322
1/2	1/2	1/2	1/2	1/2	110.576	1/2	102.554	1/2	94.358	1/2	86.119	1/2	77.878	1/2	69.636	1/2	61.393	1/2	53.150
3/4	3/4	3/4	3/4	3/4	110.450	3/4	102.423	3/4	94.186	3/4	85.948	3/4	77.706	3/4	69.494	3/4	61.221	3/4	52.978
1	1	1	1	1	110.323	1	102.257	1	94.015	1	85.776	1	77.535	1	69.292	1	61.049	1	52.806
1/4	1/4	1/4	1/4	1/4	110.197	1/4	102.082	1/4	93.844	1/4	85.604	1/4	77.363	1/4	69.120	1/4	60.878	1/4	52.635
1/2	1/2	1/2	1/2	1/2	110.042	1/2	101.910	1/2	93.673	1/2	85.432	1/2	77.191	1/2	68.949	1/2	60.706	1/2	52.463
3/4	3/4	3/4	3/4	3/4	109.888	3/4	101.738	3/4	93.501	3/4	85.261	3/4	77.019	3/4	68.777	3/4	60.534	3/4	52.291
2	2	2	2	2	109.734	2	101.567	2	93.330	2	85.089	2	76.848	2	68.605	2	60.362	2	52.120
1/4	1/4	1/4	1/4	1/4	109.579	1/4	101.395	1/4	93.158	1/4	84.917	1/4	76.676	1/4	68.434	1/4	60.191	1/4	51.948
1/2	1/2	1/2	1/2	1/2	109.411	1/2	101.224	1/2	92.987	1/2	84.746	1/2	76.504	1/2	68.262	1/2	60.019	1/2	51.776
3/4	3/4	3/4	3/4	3/4	109.242	3/4	101.052	3/4	92.815	3/4	84.574	3/4	76.333	3/4	68.090	3/4	59.847	3/4	51.604
3	3	3	3	3	109.074	3	100.880	3	92.644	3	84.402	3	76.161	3	67.918	3	59.676	3	51.433
1/4	1/4	1/4	1/4	1/4	108.906	1/4	100.708	1/4	92.472	1/4	84.231	1/4	75.999	1/4	67.747	1/4	59.504	1/4	51.261
1/2	1/2	1/2	1/2	1/2	108.735	1/2	100.537	1/2	92.300	1/2	84.059	1/2	75.818	1/2	67.575	1/2	59.332	1/2	51.089
3/4	3/4	3/4	3/4	3/4	108.565	3/4	100.365	3/4	92.129	3/4	83.887	3/4	75.646	3/4	67.403	3/4	59.160	3/4	50.917
4	4	4	4	4	108.395	4	100.193	4	91.957	4	83.715	4	75.474	4	67.231	4	58.989	4	50.746
1/4	1/4	1/4	1/4	1/4	108.224	1/4	100.022	1/4	91.785	1/4	83.544	1/4	75.302	1/4	67.060	1/4	58.817	1/4	50.574
1/2	1/2	1/2	1/2	1/2	108.054	1/2	99.850	1/2	91.613	1/2	83.372	1/2	75.131	1/2	66.888	1/2	58.645	1/2	50.402
3/4	3/4	3/4	3/4	3/4	107.883	3/4	99.678	3/4	91.442	3/4	83.200	3/4	74.959	3/4	66.716	3/4	58.473	3/4	50.231
5	5	5	5	5	107.712	5	99.507	5	91.270	5	83.029	5	74.787	5	66.545	5	58.302	5	50.059
1/4	1/4	1/4	1/4	1/4	107.542	1/4	99.335	1/4	90.927	1/4	82.857	1/4	74.616	1/4	66.373	1/4	58.130	1/4	49.887
1/2	1/2	1/2	1/2	1/2	107.371	1/2	99.163	1/2	90.755	1/2	82.685	1/2	74.444	1/2	66.201	1/2	57.958	1/2	49.715
3/4	3/4	3/4	3/4	3/4	107.201	3/4	98.992	3/4	90.583	3/4	82.514	3/4	74.272	3/4	66.029	3/4	57.787	3/4	49.544
6	6	6	6	6	107.030	6	98.820	6	90.412	6	82.342	6	74.101	6	65.858	6	57.615	6	49.372
1/4	1/4	1/4	1/4	1/4	106.859	1/4	98.648	1/4	90.240	1/4	82.170	1/4	73.929	1/4	65.686	1/4	57.443	1/4	49.200
1/2	1/2	1/2	1/2	1/2	106.688	1/2	98.476	1/2	90.068	1/2	81.999	1/2	73.757	1/2	65.514	1/2	57.271	1/2	49.028
3/4	3/4	3/4	3/4	3/4	106.518	3/4	98.305	3/4	90.086	3/4	81.827	3/4	73.585	3/4	65.342	3/4	57.100	3/4	48.857
7	7	7	7	7	106.348	7	98.133	7	89.896	7	81.655	7	73.414	7	65.171	7	56.928	7	48.685
1/4	1/4	1/4	1/4	1/4	106.177	1/4	97.961	1/4	89.725	1/4	81.483	1/4	73.242	1/4	64.999	1/4	56.756	1/4	48.513
1/2	1/2	1/2	1/2	1/2	106.006	1/2	97.790	1/2	89.553	1/2	81.312	1/2	73.070	1/2	64.827	1/2	56.584	1/2	48.342
3/4	3/4	3/4	3/4	3/4	105.836	3/4	97.618	3/4	89.381	3/4	81.140	3/4	72.898	3/4	64.656	3/4	56.413	3/4	48.170
8	8	8	8	8	105.665	8	97.446	8	89.210	8	80.968	8	72.727	8	64.484	8	56.241	8	47.998
1/4	1/4	1/4	1/4	1/4	105.494	1/4	97.275	1/4	89.038	1/4	80.797	1/4	72.555	1/4	64.312	1/4	56.069	1/4	47.826
1/2	1/2	1/2	1/2	1/2	105.324	1/2	97.103	1/2	88.866	1/2	80.625	1/2	72.383	1/2	64.140	1/2	55.898	1/2	47.655
3/4	3/4	3/4	3/4	3/4	105.153	3/4	96.931	3/4	88.695	3/4	80.453	3/4	72.212	3/4	63.969	3/4	55.726	3/4	47.483
9	9	9	9	9	104.983	9	96.760	9	88.523	9	80.282	9	72.040	9	63.797	9	55.554	9	47.311
1/4	1/4	1/4	1/4	1/4	104.812	1/4	96.588	1/4	88.351	1/4	80.110	1/4	71.868	1/4	63.625	1/4	55.382	1/4	47.139
1/2	1/2	1/2	1/2	1/2	104.641	1/2	96.416	1/2	88.180	1/2	79.938	1/2	71.696	1/2	63.453	1/2	55.211	1/2	46.968
3/4	3/4	3/4	3/4	3/4	104.471	3/4	96.244	3/4	88.008	3/4	79.767	3/4	71.525	3/4	63.282	3/4	55.039	3/4	46.796
10	10	10	10	10	104.300	10	96.073	10	87.836	10	79.595	10	71.353	10	63.110	10	54.867	10	46.624
1/4	1/4	1/4	1/4	1/4	104.129	1/4	95.901	1/4	87.664	1/4	79.423	1/4	71.181	1/4	62.938	1/4	54.695	1/4	46.453
1/2	1/2	1/2	1/2	1/2	103.959	1/2	95.729	1/2	87.493	1/2	79.251	1/2	71.009	1/2	62.767	1/2	54.524	1/2	46.281
3/4	3/4	3/4	3/4	3/4	103.788	3/4	95.558	3/4	87.321	3/4	79.080	3/4	70.838	3/4	62.595	3/4	54.352	3/4	46.109
11	11	11	11	11	111.129	11	95.386	11	87.149	11	78.908	11	70.666	11	62.423	11	54.180	11	45.937
1/4	1/4	1/4	1/4	1/4	110.992	1/4	95.214	1/4	86.978	1/4	78.736	1/4	70.484	1/4	62.251	1/4	54.009	1/4	45.766
1/2	1/2	1/2	1/2	1/2	110.895	1/2	95.043	1/2	86.806	1/2	78.565	1/2	70.333	1/2	62.080	1/2	53.837	1/2	45.594
3/4	3/4	3/4	3/4	3/4	110.897	3/4	94.872	3/4	86.634	3/4	78.393	3/4	70.151	3/4	61.908	3/4	53.665	3/4	45.422

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.

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 11'-00" OFF CENTERLINE AND 24'-03" FORWARD OF AFT BULKHEAD.

NOTE: CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES OBTAINED AT 2" DIAMETER "MMC" PIPE.

SAYBOLT INC.

Paul J. Jarama

SAYBOLT INC.

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

BARGE "CBC-220"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT = 15'-06 3/8"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	45,250	0	37,008	0	28,765	0	20,697	0	12,529	0	4,287	0		0		0		0	
1/4	45,079	1/4	36,836	1/4	28,593	1/4	20,532	1/4	12,357	1/4	4,115	1/4		1/4		1/4		1/4	
1/2	44,907	1/2	36,664	1/2	28,421	1/2	20,367	1/2	12,186	1/2	3,944	1/2		1/2		1/2		1/2	
3/4	44,735	3/4	36,492	3/4	28,250	3/4	20,203	3/4	12,014	3/4	3,772	3/4		3/4		3/4		3/4	
1	44,564	1	36,321	1	28,078	1	20,038	1	11,842	1	3,601	1		1		1		1	
1 1/4	44,392	1 1/4	36,149	1 1/4	27,906	1 1/4	19,873	1 1/4	11,671	1 1/4	3,430	1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	44,220	1 1/2	35,977	1 1/2	27,734	1 1/2	19,708	1 1/2	11,499	1 1/2	3,259	1 1/2		1 1/2		1 1/2		1 1/2	
1 3/4	44,048	1 3/4	35,806	1 3/4	27,563	1 3/4	19,543	1 3/4	11,327	1 3/4	3,087	1 3/4		1 3/4		1 3/4		1 3/4	
2	43,877	2	35,634	2	27,391	2	19,378	2	11,155	2	2,916	2		2		2		2	
1/4	43,705	1/4	35,462	1/4	27,219	1/4	19,212	1/4	10,984	1/4	2,745	1/4		1/4		1/4		1/4	
1/2	43,533	1/2	35,290	1/2	27,047	1/2	19,043	1/2	10,812	1/2	2,575	1/2		1/2		1/2		1/2	
3/4	43,361	3/4	35,119	3/4	26,876	3/4	18,873	3/4	10,640	3/4	2,404	3/4		3/4		3/4		3/4	
3	43,190	3	34,947	3	26,704	3	18,703	3	10,468	3	2,234	3		3		3		3	
1/4	43,018	1/4	34,775	1/4	26,532	1/4	18,534	1/4	10,297	1/4	2,063	1/4		1/4		1/4		1/4	
1/2	42,846	1/2	34,603	1/2	26,361	1/2	18,363	1/2	10,125	1/2	1,896	1/2		1/2		1/2		1/2	
3/4	42,675	3/4	34,432	3/4	26,189	3/4	18,193	3/4	9,953	3/4	1,728	3/4		3/4		3/4		3/4	
4	42,503	4	34,260	4	26,018	4	18,023	4	9,782	4	1,561	4		4		4		4	
1/4	42,331	1/4	34,088	1/4	25,846	1/4	17,852	1/4	9,610	1/4	1,393	1/4		1/4		1/4		1/4	
1/2	42,159	1/2	33,917	1/2	25,676	1/2	17,681	1/2	9,438	1/2	1,246	1/2		1/2		1/2		1/2	
3/4	41,988	3/4	33,745	3/4	25,505	3/4	17,509	3/4	9,266	3/4	1,098	3/4		3/4		3/4		3/4	
5	41,816	5	33,573	5	25,335	5	17,337	5	9,095	5	950	5		5		5		5	
1/4	41,644	1/4	33,401	1/4	25,164	1/4	17,166	1/4	8,923	1/4	803	1/4		1/4		1/4		1/4	
1/2	41,472	1/2	33,230	1/2	24,995	1/2	16,994	1/2	8,751	1/2	696	1/2		1/2		1/2		1/2	
3/4	41,301	3/4	33,058	3/4	24,825	3/4	16,822	3/4	8,579	3/4	588	3/4		3/4		3/4		3/4	
6	41,129	6	32,886	6	24,655	6	16,651	6	8,408	6	481	6		6		6		6	
1/4	40,957	1/4	32,714	1/4	24,486	1/4	16,479	1/4	8,236	1/4		1/4		1/4		1/4		1/4	
1/2	40,786	1/2	32,543	1/2	24,320	1/2	16,307	1/2	8,064	1/2	323	1/2		1/2		1/2		1/2	
3/4	40,614	3/4	32,371	3/4	24,155	3/4	16,135	3/4	7,893	3/4		3/4		3/4		3/4		3/4	
7	40,442	7	32,199	7	23,990	7	15,964	7	7,721	7		7		7		7		7	
1/4	40,270	1/4	32,028	1/4	23,825	1/4	15,792	1/4	7,549	1/4		1/4		1/4		1/4		1/4	
1/2	40,099	1/2	31,856	1/2	23,660	1/2	15,620	1/2	7,377	1/2		1/2		1/2		1/2		1/2	
3/4	39,927	3/4	31,684	3/4	23,495	3/4	15,449	3/4	7,206	3/4		3/4		3/4		3/4		3/4	
8	39,755	8	31,512	8	23,331	8	15,277	8	7,034	8		8		8		8		8	
1/4	39,583	1/4	31,341	1/4	23,166	1/4	15,105	1/4	6,862	1/4		1/4		1/4		1/4		1/4	
1/2	39,412	1/2	31,169	1/2	22,997	1/2	14,933	1/2	6,690	1/2		1/2		1/2		1/2		1/2	
3/4	39,240	3/4	30,997	3/4	22,837	3/4	14,762	3/4	6,519	3/4		3/4		3/4		3/4		3/4	
9	39,068	9	30,825	9	22,672	9	14,590	9	6,347	9		9		9		9		9	
1/4	38,897	1/4	30,654	1/4	22,508	1/4	14,418	1/4	6,175	1/4		1/4		1/4		1/4		1/4	
1/2	38,725	1/2	30,482	1/2	22,343	1/2	14,246	1/2	6,004	1/2		1/2		1/2		1/2		1/2	
3/4	38,553	3/4	30,310	3/4	22,178	3/4	14,075	3/4	5,832	3/4		3/4		3/4		3/4		3/4	
10	38,381	10	30,139	10	22,014	10	13,903	10	5,660	10		10		10		10		10	
1/4	38,210	1/4	29,967	1/4	21,849	1/4	13,731	1/4	5,488	1/4		1/4		1/4		1/4		1/4	
1/2	38,038	1/2	29,795	1/2	21,684	1/2	13,560	1/2	5,317	1/2		1/2		1/2		1/2		1/2	
3/4	37,866	3/4	29,623	3/4	21,520	3/4	13,388	3/4	5,145	3/4		3/4		3/4		3/4		3/4	
11	37,695	11	29,452	11	21,355	11	13,216	11	4,973	11		11		11		11		11	
1/4	37,523	1/4	29,280	1/4	21,191	1/4	13,044	1/4	4,802	1/4		1/4		1/4		1/4		1/4	
1/2	37,351	1/2	29,108	1/2	21,026	1/2	12,873	1/2	4,630	1/2		1/2		1/2		1/2		1/2	
3/4	37,179	3/4	28,936	3/4	20,861	3/4	12,701	3/4	4,458	3/4		3/4		3/4		3/4		3/4	

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 OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY

SAYBOLT INC.

Chris Johnson

SAYBOLT INC.

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

BARGE "CBC-220"

2 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT = 15'-06 3/8"

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	111,014	0	103,148	0	94,914	0	86,676	0	78,435	0	70,193	0	61,950	0	53,707
1/4	1/4	1/4	1/4	1/4	110,916	1/4	102,978	1/4	94,743	1/4	86,505	1/4	78,263	1/4	70,021	1/4	61,778	1/4	53,535
1/2	1/2	1/2	1/2	1/2	110,790	1/2	102,808	1/2	94,572	1/2	86,333	1/2	78,092	1/2	69,849	1/2	61,605	1/2	53,382
3/4	3/4	3/4	3/4	3/4	110,663	3/4	102,637	3/4	94,400	3/4	86,161	3/4	77,920	3/4	69,678	3/4	61,435	3/4	53,164
1	1	1	1	1	110,537	1	102,466	1	94,229	1	85,990	1	77,748	1	69,506	1	61,263	1	53,020
1/4	1/4	1/4	1/4	1/4	110,411	1/4	102,295	1/4	94,058	1/4	85,818	1/4	77,575	1/4	69,334	1/4	61,091	1/4	52,849
1/2	1/2	1/2	1/2	1/2	110,286	1/2	102,124	1/2	93,886	1/2	85,646	1/2	77,405	1/2	69,163	1/2	60,920	1/2	52,677
3/4	3/4	3/4	3/4	3/4	110,102	3/4	101,952	3/4	93,715	3/4	85,475	3/4	77,233	3/4	68,991	3/4	60,748	3/4	52,505
2	2	2	2	2	109,947	2	101,781	2	93,544	2	85,303	2	77,062	2	68,819	2	60,576	2	52,333
1/4	1/4	1/4	1/4	1/4	109,793	1/4	101,609	1/4	93,372	1/4	85,131	1/4	76,890	1/4	68,647	1/4	60,404	1/4	52,162
1/2	1/2	1/2	1/2	1/2	109,625	1/2	101,437	1/2	93,201	1/2	84,959	1/2	76,718	1/2	68,476	1/2	60,233	1/2	51,990
3/4	3/4	3/4	3/4	3/4	109,456	3/4	101,266	3/4	93,029	3/4	84,788	3/4	76,546	3/4	68,304	3/4	60,061	3/4	51,818
3	3	3	3	3	109,288	3	101,094	3	92,857	3	84,616	3	76,375	3	68,132	3	59,889	3	51,646
1/4	1/4	1/4	1/4	1/4	109,119	1/4	100,922	1/4	92,686	1/4	84,444	1/4	76,203	1/4	67,960	1/4	59,718	1/4	51,475
1/2	1/2	1/2	1/2	1/2	108,949	1/2	100,751	1/2	92,514	1/2	84,273	1/2	76,031	1/2	67,789	1/2	59,546	1/2	51,303
3/4	3/4	3/4	3/4	3/4	108,779	3/4	100,579	3/4	92,342	3/4	84,101	3/4	75,860	3/4	67,617	3/4	59,374	3/4	51,131
4	4	4	4	4	108,608	4	100,407	4	92,171	4	83,929	4	75,688	4	67,445	4	59,202	4	50,960
1/4	1/4	1/4	1/4	1/4	108,438	1/4	100,236	1/4	91,999	1/4	83,758	1/4	75,516	1/4	67,274	1/4	59,031	1/4	50,788
1/2	1/2	1/2	1/2	1/2	108,267	1/2	100,064	1/2	91,827	1/2	83,586	1/2	75,345	1/2	67,102	1/2	58,859	1/2	50,616
3/4	3/4	3/4	3/4	3/4	108,097	3/4	99,892	3/4	91,656	3/4	83,414	3/4	75,173	3/4	66,930	3/4	58,687	3/4	50,444
5	5	5	5	5	107,926	5	99,720	5	91,484	5	83,243	5	75,001	5	66,758	5	58,516	5	50,273
1/4	1/4	1/4	1/4	1/4	107,756	1/4	99,549	1/4	91,312	1/4	83,071	1/4	74,830	1/4	66,587	1/4	58,344	1/4	50,101
1/2	1/2	1/2	1/2	1/2	107,585	1/2	99,377	1/2	91,140	1/2	82,899	1/2	74,658	1/2	66,415	1/2	58,172	1/2	49,929
3/4	3/4	3/4	3/4	3/4	107,414	3/4	99,205	3/4	90,969	3/4	82,727	3/4	74,486	3/4	66,243	3/4	58,000	3/4	49,757
6	6	6	6	6	107,244	6	99,034	6	90,797	6	82,556	6	74,314	6	66,071	6	57,829	6	49,586
1/4	1/4	1/4	1/4	1/4	107,073	1/4	98,862	1/4	90,625	1/4	82,384	1/4	74,143	1/4	65,900	1/4	57,657	1/4	49,414
1/2	1/2	1/2	1/2	1/2	106,903	1/2	98,690	1/2	90,454	1/2	82,212	1/2	73,971	1/2	65,728	1/2	57,485	1/2	49,242
3/4	3/4	3/4	3/4	3/4	106,732	3/4	98,519	3/4	90,282	3/4	82,041	3/4	73,799	3/4	65,556	3/4	57,313	3/4	49,071
7	7	7	7	7	106,561	7	98,347	7	90,110	7	81,869	7	73,627	7	65,385	7	57,142	7	48,899
1/4	1/4	1/4	1/4	1/4	106,391	1/4	98,175	1/4	89,939	1/4	81,697	1/4	73,456	1/4	65,213	1/4	56,970	1/4	48,727
1/2	1/2	1/2	1/2	1/2	106,220	1/2	98,003	1/2	89,767	1/2	81,526	1/2	73,284	1/2	65,041	1/2	56,798	1/2	48,555
3/4	3/4	3/4	3/4	3/4	106,049	3/4	97,832	3/4	89,595	3/4	81,354	3/4	73,112	3/4	64,869	3/4	56,627	3/4	48,384
8	8	8	8	8	105,879	8	97,660	8	89,424	8	81,182	8	72,941	8	64,698	8	56,455	8	48,212
1/4	1/4	1/4	1/4	1/4	105,708	1/4	97,488	1/4	89,252	1/4	81,011	1/4	72,769	1/4	64,526	1/4	56,283	1/4	48,040
1/2	1/2	1/2	1/2	1/2	105,538	1/2	97,317	1/2	89,080	1/2	80,839	1/2	72,597	1/2	64,354	1/2	56,111	1/2	47,868
3/4	3/4	3/4	3/4	3/4	105,367	3/4	97,145	3/4	88,908	3/4	80,667	3/4	72,425	3/4	64,182	3/4	55,940	3/4	47,697
9	9	9	9	9	105,196	9	96,973	9	88,737	9	80,495	9	72,254	9	64,011	9	55,768	9	47,525
1/4	1/4	1/4	1/4	1/4	105,026	1/4	96,802	1/4	88,565	1/4	80,324	1/4	72,082	1/4	63,839	1/4	55,596	1/4	47,353
1/2	1/2	1/2	1/2	1/2	104,855	1/2	96,630	1/2	88,393	1/2	80,152	1/2	71,910	1/2	63,667	1/2	55,424	1/2	47,182
3/4	3/4	3/4	3/4	3/4	104,685	3/4	96,458	3/4	88,222	3/4	79,980	3/4	71,738	3/4	63,496	3/4	55,253	3/4	47,010
10	10	10	10	10	104,514	10	96,287	10	88,050	10	79,809	10	71,567	10	63,324	10	55,081	10	46,838
1/4	1/4	1/4	1/4	1/4	104,343	1/4	96,115	1/4	87,878	1/4	79,637	1/4	71,395	1/4	63,152	1/4	54,909	1/4	46,666
1/2	1/2	1/2	1/2	1/2	104,173	1/2	95,943	1/2	87,707	1/2	79,465	1/2	71,223	1/2	62,980	1/2	54,738	1/2	46,495
3/4	3/4	3/4	3/4	3/4	104,002	3/4	95,772	3/4	87,535	3/4	79,294	3/4	71,052	3/4	62,809	3/4	54,566	3/4	46,323
11	11	11	11	11	103,831	11	95,600	11	87,363	11	79,122	11	70,880	11	62,637	11	54,394	11	46,151
1/4	1/4	1/4	1/4	1/4	103,661	1/4	95,428	1/4	87,191	1/4	78,950	1/4	70,708	1/4	62,465	1/4	54,222	1/4	45,979
1/2	1/2	1/2	1/2	1/2	103,490	1/2	95,257	1/2	87,020	1/2	78,778	1/2	70,536	1/2	62,293	1/2	54,051	1/2	45,808
3/4	3/4	3/4	3/4	3/4	103,320	3/4	95,086	3/4	86,848	3/4	78,607	3/4	70,365	3/4	62,122	3/4	53,879	3/4	45,636

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.

Paul J. Jaramila

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH API MPWS CHAPTER 2.7.

NOTE: CAPACITY TABLE APPLIES ONLY WHEN BARGE IS ON EVEN KEEL.

NOTE: GAUGE POINT LOCATED 11'-00" OFF CENTERLINE AND 24'-03" FORWARD OF AFT BULKHEAD.

NOTE: CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES OBTAINED AT 2" DIAMETER "WMC" PIPE.

SAYBOLT INC.

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

BARGE "CBC-220"

2 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT = 15'-06 3/8"

	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	45,464	0	37,221	0	28,979	0	20,762	0	12,529	0
1/4	45,293	1/4	37,050	1/4	28,807	1/4	20,591	1/4	12,357	1/4
1/2	45,121	1/2	36,878	1/2	28,635	1/2	20,421	1/2	12,186	1/2
3/4	44,949	3/4	36,706	3/4	28,463	3/4	20,250	3/4	12,014	3/4
1	44,777	1	36,534	1	28,292	1	20,079	1	11,842	1
1/4	44,606	1/4	36,363	1/4	28,120	1/4	19,909	1/4	11,671	1/4
1/2	44,434	1/2	36,191	1/2	27,948	1/2	19,738	1/2	11,499	1/2
3/4	44,262	3/4	36,019	3/4	27,776	3/4	19,567	3/4	11,327	3/4
2	44,090	2	35,848	2	27,605	2	19,397	2	11,155	2
1/4	43,919	1/4	35,676	1/4	27,433	1/4	19,226	1/4	10,984	1/4
1/2	43,747	1/2	35,504	1/2	27,261	1/2	19,054	1/2	10,812	1/2
3/4	43,575	3/4	35,332	3/4	27,090	3/4	18,883	3/4	10,640	3/4
3	43,404	3	35,161	3	26,918	3	18,711	3	10,468	3
1/4	43,232	1/4	34,989	1/4	26,746	1/4	18,540	1/4	10,297	1/4
1/2	43,060	1/2	34,817	1/2	26,574	1/2	18,368	1/2	10,125	1/2
3/4	42,888	3/4	34,646	3/4	26,403	3/4	18,196	3/4	9,953	3/4
4	42,717	4	34,474	4	26,231	4	18,024	4	9,782	4
1/4	42,545	1/4	34,302	1/4	26,059	1/4	17,853	1/4	9,610	1/4
1/2	42,373	1/2	34,130	1/2	25,887	1/2	17,681	1/2	9,438	1/2
3/4	42,201	3/4	33,959	3/4	25,716	3/4	17,509	3/4	9,266	3/4
5	42,030	5	33,787	5	25,544	5	17,338	5	9,095	5
1/4	41,858	1/4	33,615	1/4	25,372	1/4	17,166	1/4	8,923	1/4
1/2	41,686	1/2	33,443	1/2	25,201	1/2	16,994	1/2	8,751	1/2
3/4	41,515	3/4	33,272	3/4	25,029	3/4	16,822	3/4	8,579	3/4
6	41,343	6	33,100	6	24,857	6	16,651	6	8,408	6
1/4	41,171	1/4	32,928	1/4	24,686	1/4	16,479	1/4	8,236	1/4
1/2	40,999	1/2	32,757	1/2	24,515	1/2	16,307	1/2	8,064	1/2
3/4	40,828	3/4	32,585	3/4	24,344	3/4	16,135	3/4	7,893	3/4
7	40,656	7	32,413	7	24,174	7	15,964	7	7,721	7
1/4	40,484	1/4	32,241	1/4	24,003	1/4	15,792	1/4	7,549	1/4
1/2	40,312	1/2	32,070	1/2	23,832	1/2	15,620	1/2	7,377	1/2
3/4	40,141	3/4	31,898	3/4	23,662	3/4	15,449	3/4	7,206	3/4
8	39,969	8	31,726	8	23,491	8	15,277	8	7,034	8
1/4	39,797	1/4	31,554	1/4	23,321	1/4	15,105	1/4	6,862	1/4
1/2	39,626	1/2	31,383	1/2	23,150	1/2	14,933	1/2	6,690	1/2
3/4	39,454	3/4	31,211	3/4	22,979	3/4	14,762	3/4	6,519	3/4
9	39,282	9	31,039	9	22,809	9	14,590	9	6,347	9
1/4	39,110	1/4	30,868	1/4	22,638	1/4	14,418	1/4	6,175	1/4
1/2	38,939	1/2	30,696	1/2	22,468	1/2	14,246	1/2	6,004	1/2
3/4	38,767	3/4	30,524	3/4	22,297	3/4	14,075	3/4	5,832	3/4
10	38,595	10	30,352	10	22,127	10	13,903	10	5,660	10
1/4	38,423	1/4	30,181	1/4	21,956	1/4	13,731	1/4	5,488	1/4
1/2	38,252	1/2	30,009	1/2	21,785	1/2	13,560	1/2	5,317	1/2
3/4	38,080	3/4	29,837	3/4	21,615	3/4	13,388	3/4	5,145	3/4
11	37,908	11	29,665	11	21,444	11	13,216	11	4,973	11
1/4	37,737	1/4	29,494	1/4	21,274	1/4	13,044	1/4	4,802	1/4
1/2	37,565	1/2	29,322	1/2	21,103	1/2	12,873	1/2	4,630	1/2
3/4	37,393	3/4	29,150	3/4	20,932	3/4	12,701	3/4	4,458	3/4

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SAYBOLT INC.

Chris J. Jarama

SAYBOLT INC.

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

BARGE "CBC-220"

3 CENTER

ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT = 15'-09 1/2"

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	227,144	0	212,735	0	195,904	0	179,059	0	162,204	0	145,349	0	128,491	0	111,633
1/4	1/4	1/4	1/4	1/4	227,618	1/4	212,366	1/4	195,553	1/4	178,708	1/4	161,853	1/4	144,997	1/4	128,140	1/4	111,282
1/2	1/2	1/2	1/2	1/2	227,491	1/2	212,037	1/2	195,201	1/2	178,356	1/2	161,502	1/2	144,646	1/2	127,789	1/2	110,931
3/4	3/4	3/4	3/4	3/4	227,307	3/4	211,688	3/4	194,851	3/4	178,005	3/4	161,151	3/4	144,295	3/4	127,437	3/4	110,580
1	1	1	1	1	227,122	1	211,339	1	194,500	1	177,654	1	160,800	1	143,944	1	127,086	1	110,229
1/4	1/4	1/4	1/4	1/4	226,937	1/4	210,990	1/4	194,150	1/4	177,303	1/4	160,449	1/4	143,593	1/4	126,833	1/4	109,877
1/2	1/2	1/2	1/2	1/2	226,752	1/2	210,641	1/2	193,799	1/2	176,952	1/2	160,098	1/2	143,241	1/2	126,384	1/2	109,526
3/4	3/4	3/4	3/4	3/4	226,509	3/4	210,292	3/4	193,449	3/4	176,601	3/4	159,745	3/4	142,890	3/4	125,933	3/4	109,175
2	2	2	2	2	226,265	2	209,943	2	193,099	2	176,250	2	159,395	2	142,539	2	125,681	2	108,824
1/4	1/4	1/4	1/4	1/4	226,022	1/4	209,545	1/4	192,748	1/4	175,899	1/4	159,044	1/4	142,188	1/4	125,330	1/4	108,473
1/2	1/2	1/2	1/2	1/2	225,779	1/2	209,254	1/2	192,398	1/2	175,547	1/2	158,693	1/2	141,837	1/2	124,979	1/2	108,121
3/4	3/4	3/4	3/4	3/4	225,474	3/4	208,894	3/4	192,048	3/4	175,196	3/4	158,342	3/4	141,485	3/4	124,628	3/4	107,770
3	3	3	3	3	225,170	3	208,543	3	191,697	3	174,845	3	157,991	3	141,134	3	124,277	3	107,419
1/4	1/4	1/4	1/4	1/4	224,866	1/4	208,193	1/4	191,347	1/4	174,494	1/4	157,640	1/4	140,782	1/4	123,925	1/4	107,068
1/2	1/2	1/2	1/2	1/2	224,562	1/2	207,842	1/2	190,997	1/2	174,143	1/2	157,288	1/2	140,432	1/2	123,574	1/2	106,717
3/4	3/4	3/4	3/4	3/4	224,221	3/4	207,491	3/4	190,646	3/4	173,792	3/4	156,937	3/4	140,081	3/4	123,223	3/4	106,365
4	4	4	4	4	223,881	4	207,140	4	190,295	4	173,441	4	156,586	4	139,729	4	122,872	4	106,014
1/4	1/4	1/4	1/4	1/4	223,541	1/4	206,789	1/4	189,944	1/4	173,089	1/4	156,235	1/4	139,378	1/4	122,521	1/4	105,663
1/2	1/2	1/2	1/2	1/2	223,200	1/2	206,438	1/2	189,593	1/2	172,738	1/2	155,884	1/2	139,027	1/2	122,169	1/2	105,312
3/4	3/4	3/4	3/4	3/4	222,852	3/4	206,087	3/4	189,242	3/4	172,387	3/4	155,533	3/4	138,676	3/4	121,818	3/4	104,961
5	5	5	5	5	222,504	5	205,735	5	188,891	5	172,036	5	155,182	5	138,325	5	121,467	5	104,609
1/4	1/4	1/4	1/4	1/4	222,156	1/4	205,384	1/4	188,539	1/4	171,685	1/4	154,831	1/4	137,973	1/4	121,116	1/4	104,258
1/2	1/2	1/2	1/2	1/2	221,807	1/2	205,033	1/2	188,188	1/2	171,334	1/2	154,479	1/2	137,622	1/2	120,765	1/2	103,907
3/4	3/4	3/4	3/4	3/4	221,459	3/4	204,682	3/4	187,837	3/4	170,983	3/4	154,128	3/4	137,271	3/4	120,414	3/4	103,556
6	6	6	6	6	221,110	6	204,331	6	187,486	6	170,632	6	153,777	6	136,920	6	120,062	6	103,205
1/4	1/4	1/4	1/4	1/4	220,761	1/4	203,980	1/4	187,135	1/4	170,280	1/4	153,426	1/4	136,569	1/4	119,711	1/4	102,853
1/2	1/2	1/2	1/2	1/2	220,412	1/2	203,629	1/2	186,784	1/2	169,929	1/2	153,075	1/2	136,217	1/2	119,360	1/2	102,502
3/4	3/4	3/4	3/4	3/4	220,063	3/4	203,278	3/4	186,433	3/4	169,578	3/4	152,724	3/4	135,866	3/4	119,009	3/4	102,151
7	7	7	7	7	219,714	7	202,926	7	186,081	7	169,227	7	152,372	7	135,515	7	118,657	7	101,800
1/4	1/4	1/4	1/4	1/4	219,365	1/4	202,575	1/4	185,730	1/4	168,876	1/4	152,021	1/4	135,164	1/4	118,306	1/4	101,449
1/2	1/2	1/2	1/2	1/2	219,016	1/2	202,224	1/2	185,379	1/2	168,525	1/2	151,670	1/2	134,813	1/2	117,955	1/2	101,098
3/4	3/4	3/4	3/4	3/4	218,667	3/4	201,873	3/4	185,028	3/4	168,174	3/4	151,319	3/4	134,461	3/4	117,604	3/4	100,746
8	8	8	8	8	218,318	8	201,522	8	184,677	8	167,822	8	150,968	8	134,110	8	117,253	8	100,395
1/4	1/4	1/4	1/4	1/4	217,969	1/4	201,171	1/4	184,326	1/4	167,471	1/4	150,617	1/4	133,759	1/4	116,901	1/4	100,044
1/2	1/2	1/2	1/2	1/2	217,620	1/2	200,820	1/2	183,975	1/2	167,120	1/2	150,265	1/2	133,408	1/2	116,550	1/2	99,693
3/4	3/4	3/4	3/4	3/4	217,271	3/4	200,468	3/4	183,623	3/4	166,769	3/4	149,914	3/4	133,057	3/4	116,199	3/4	99,342
9	9	9	9	9	216,922	9	200,117	9	183,272	9	166,418	9	149,563	9	132,705	9	115,848	9	98,990
1/4	1/4	1/4	1/4	1/4	216,573	1/4	199,766	1/4	182,921	1/4	166,067	1/4	149,212	1/4	132,354	1/4	115,497	1/4	98,639
1/2	1/2	1/2	1/2	1/2	216,224	1/2	199,415	1/2	182,570	1/2	165,716	1/2	148,861	1/2	132,003	1/2	115,145	1/2	98,288
3/4	3/4	3/4	3/4	3/4	215,875	3/4	199,064	3/4	182,219	3/4	165,365	3/4	148,509	3/4	131,652	3/4	114,794	3/4	97,937
10	10	10	10	10	215,526	10	198,713	10	181,868	10	165,013	10	148,158	10	131,301	10	114,443	10	97,586
1/4	1/4	1/4	1/4	1/4	215,177	1/4	198,362	1/4	181,517	1/4	164,662	1/4	147,807	1/4	130,949	1/4	114,092	1/4	97,234
1/2	1/2	1/2	1/2	1/2	214,828	1/2	198,011	1/2	181,166	1/2	164,311	1/2	147,456	1/2	130,598	1/2	113,741	1/2	96,883
3/4	3/4	3/4	3/4	3/4	214,479	3/4	197,659	3/4	180,814	3/4	163,960	3/4	147,105	3/4	130,247	3/4	113,389	3/4	96,532
11	11	11	11	11	214,130	11	197,308	11	180,463	11	163,609	11	146,753	11	129,896	11	113,038	11	96,181
1/4	1/4	1/4	1/4	1/4	213,781	1/4	196,957	1/4	180,112	1/4	163,258	1/4	146,402	1/4	129,545	1/4	112,687	1/4	95,830
1/2	1/2	1/2	1/2	1/2	213,432	1/2	196,606	1/2	179,761	1/2	162,907	1/2	146,051	1/2	129,193	1/2	112,336	1/2	95,478
3/4	3/4	3/4	3/4	3/4	213,083	3/4	196,255	3/4	179,410	3/4	162,555	3/4	145,700	3/4	128,842	3/4	111,985	3/4	95,127

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.

Paul J. Jaraman

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 24'-10" FORWARD OF AFT BULKHEAD.

NOTE: CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES OBTAINED AT 2" DIAMETER "MMC" PIPE.

SAYBOLT INC.

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

BARGE "CBC-220"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT = 15'-09 1/2"

	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	IN
0	94,776	0	77,918	0	61,061	0	44,399	0	27,719	0
1/4	94,425	1/4	77,567	1/4	60,710	1/4	44,056	1/4	27,368	1/4
1/2	94,074	1/2	77,216	1/2	60,358	1/2	43,713	1/2	27,017	1/2
3/4	93,722	3/4	76,865	3/4	60,007	3/4	43,369	3/4	26,666	3/4
1	93,371	1	76,514	1	59,656	1	43,026	1	26,315	1
1/4	93,020	1/4	76,162	1/4	59,305	1/4	42,675	1/4	25,963	1/4
1/2	92,669	1/2	75,811	1/2	58,954	1/2	42,324	1/2	25,612	1/2
3/4	92,318	3/4	75,460	3/4	58,602	3/4	41,973	3/4	25,261	3/4
2	91,966	2	75,109	2	58,251	2	41,622	2	24,910	2
1/4	91,615	1/4	74,758	1/4	57,900	1/4	41,271	1/4	24,558	1/4
1/2	91,264	1/2	74,406	1/2	57,549	1/2	40,920	1/2	24,207	1/2
3/4	90,913	3/4	74,055	3/4	57,198	3/4	40,569	3/4	23,856	3/4
3	90,562	3	73,704	3	56,846	3	40,218	3	23,505	3
1/4	90,210	1/4	73,353	1/4	56,495	1/4	39,867	1/4	23,153	1/4
1/2	89,859	1/2	73,002	1/2	56,144	1/2	39,516	1/2	22,802	1/2
3/4	89,508	3/4	72,650	3/4	55,793	3/4	39,165	3/4	22,451	3/4
4	89,157	4	72,299	4	55,442	4	38,814	4	22,100	4
1/4	88,806	1/4	71,948	1/4	55,090	1/4	38,463	1/4	21,748	1/4
1/2	88,454	1/2	71,597	1/2	54,739	1/2	38,112	1/2	21,397	1/2
3/4	88,103	3/4	71,246	3/4	54,388	3/4	37,761	3/4	21,046	3/4
5	87,752	5	70,894	5	54,037	5	37,410	5	20,695	5
1/4	87,401	1/4	70,543	1/4	53,685	1/4	37,059	1/4	20,343	1/4
1/2	87,050	1/2	70,192	1/2	53,334	1/2	36,708	1/2	19,992	1/2
3/4	86,698	3/4	69,841	3/4	52,983	3/4	36,357	3/4	19,641	3/4
6	86,347	6	69,490	6	52,632	6	36,006	6	19,290	6
1/4	85,996	1/4	69,138	1/4	52,281	1/4	35,655	1/4	18,938	1/4
1/2	85,645	1/2	68,787	1/2	51,930	1/2	35,304	1/2	18,587	1/2
3/4	85,294	3/4	68,436	3/4	51,579	3/4	34,953	3/4	18,236	3/4
7	84,942	7	68,085	7	51,228	7	34,602	7	17,885	7
1/4	84,591	1/4	67,734	1/4	50,877	1/4	34,251	1/4	17,534	1/4
1/2	84,240	1/2	67,382	1/2	50,526	1/2	33,900	1/2	17,183	1/2
3/4	83,889	3/4	67,031	3/4	50,175	3/4	33,549	3/4	16,832	3/4
8	83,538	8	66,680	8	49,824	8	33,198	8	16,481	8
1/4	83,186	1/4	66,329	1/4	49,473	1/4	32,847	1/4	16,130	1/4
1/2	82,835	1/2	65,978	1/2	49,122	1/2	32,496	1/2	15,779	1/2
3/4	82,484	3/4	65,627	3/4	48,771	3/4	32,145	3/4	15,428	3/4
9	82,133	9	65,275	9	48,420	9	31,794	9	15,077	9
1/4	81,782	1/4	64,924	1/4	48,069	1/4	31,443	1/4	14,726	1/4
1/2	81,430	1/2	64,573	1/2	47,718	1/2	31,092	1/2	14,375	1/2
3/4	81,079	3/4	64,222	3/4	47,367	3/4	30,741	3/4	14,024	3/4
10	80,728	10	63,870	10	47,016	10	30,390	10	13,673	10
1/4	80,377	1/4	63,519	1/4	46,665	1/4	30,039	1/4	13,322	1/4
1/2	80,026	1/2	63,168	1/2	46,314	1/2	29,688	1/2	12,971	1/2
3/4	79,674	3/4	62,817	3/4	45,963	3/4	29,337	3/4	12,620	3/4
11	79,323	11	62,466	11	45,612	11	28,986	11	12,269	11
1/4	78,972	1/4	62,115	1/4	45,261	1/4	28,635	1/4	11,918	1/4
1/2	78,621	1/2	61,764	1/2	44,910	1/2	28,284	1/2	11,567	1/2
3/4	78,270	3/4	61,412	3/4	44,559	3/4	27,933	3/4	11,216	3/4

STRAPPED BY: CL-CJ-JW 8/12/99
COMPUTED BY: CL-CJ 8/17/99
CHECKED BY: CL 8/17/99

SHEET 8 OF 8 SHEETS

SAYBOLT INC.

Chris Johnson

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

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