

SAYBOLT LP.

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

BARGE MOC 9

1 PORT ULLAGE TABLE

GAUGE HEIGHT 17'-5 3/8"

COMPUTED IN U. S. GALLONS

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		0	135,539	0	126,807	0	116,651	0	106,628	0	96,606	0	86,583	0	76,561
1/4		1/4		1/4		1/4	135,471	1/4	126,594	1/4	116,442	1/4	106,420	1/4	96,397	1/4	86,375	1/4	76,352
1/2		1/2		1/2		1/2	135,395	1/2	126,382	1/2	116,233	1/2	106,211	1/2	96,188	1/2	86,166	1/2	76,143
3/4		3/4		3/4		3/4	135,312	3/4	126,170	3/4	116,024	3/4	106,002	3/4	95,980	3/4	85,957	3/4	75,935
1		1		1		1	135,221	1	125,958	1	115,816	1	105,793	1	95,771	1	85,748	1	75,726
1/4		1/4		1/4		1/4	135,123	1/4	125,746	1/4	115,607	1/4	105,584	1/4	95,562	1/4	85,539	1/4	75,517
1/2		1/2		1/2		1/2	135,017	1/2	125,534	1/2	115,398	1/2	105,376	1/2	95,353	1/2	85,331	1/2	75,308
3/4		3/4		3/4		3/4	134,903	3/4	125,321	3/4	115,189	3/4	105,167	3/4	95,144	3/4	85,122	3/4	75,099
2		2		2		2	134,782	2	125,109	2	114,980	2	104,958	2	94,936	2	84,913	2	74,891
1/4		1/4		1/4		1/4	134,653	1/4	124,897	1/4	114,772	1/4	104,749	1/4	94,727	1/4	84,704	1/4	74,682
1/2		1/2		1/2		1/2	134,517	1/2	124,685	1/2	114,563	1/2	104,540	1/2	94,518	1/2	84,495	1/2	74,473
3/4		3/4		3/4		3/4	134,373	3/4	124,473	3/4	114,354	3/4	104,332	3/4	94,309	3/4	84,287	3/4	74,264
3		3		3		3	134,221	3	124,260	3	114,145	3	104,123	3	94,100	3	84,078	3	74,055
1/4		1/4		1/4		1/4	134,062	1/4	124,048	1/4	113,936	1/4	103,914	1/4	93,892	1/4	83,869	1/4	73,847
1/2		1/2		1/2		1/2	133,895	1/2	123,836	1/2	113,728	1/2	103,705	1/2	93,683	1/2	83,660	1/2	73,638
3/4		3/4		3/4		3/4	133,721	3/4	123,624	3/4	113,519	3/4	103,496	3/4	93,474	3/4	83,451	3/4	73,429
4		4		4		4	133,539	4	123,412	4	113,310	4	103,288	4	93,265	4	83,243	4	73,220
1/4		1/4		1/4		1/4	133,350	1/4	123,200	1/4	113,101	1/4	103,079	1/4	93,056	1/4	83,034	1/4	73,011
1/2		1/2		1/2		1/2	133,153	1/2	122,987	1/2	112,892	1/2	102,870	1/2	92,848	1/2	82,825	1/2	72,803
3/4		3/4		3/4		3/4	132,948	3/4	122,775	3/4	112,684	3/4	102,661	3/4	92,639	3/4	82,616	3/4	72,594
5		5		5		5	132,739	5	122,563	5	112,475	5	102,452	5	92,430	5	82,407	5	72,385
1/4		1/4		1/4		1/4	132,529	1/4	122,351	1/4	112,266	1/4	102,244	1/4	92,221	1/4	82,199	1/4	72,176
1/2		1/2		1/2		1/2	132,318	1/2	122,139	1/2	112,057	1/2	102,035	1/2	92,012	1/2	81,990	1/2	71,967
3/4		3/4		3/4		3/4	132,107	3/4	121,926	3/4	111,848	3/4	101,826	3/4	91,804	3/4	81,781	3/4	71,759
6		6		6		6	131,896	6	121,714	6	111,640	6	101,617	6	91,595	6	81,572	6	71,550
1/4		1/4		1/4		1/4	131,684	1/4	121,502	1/4	111,431	1/4	101,408	1/4	91,386	1/4	81,363	1/4	71,341
1/2		1/2		1/2		1/2	131,473	1/2	121,290	1/2	111,222	1/2	101,200	1/2	91,177	1/2	81,155	1/2	71,132
3/4		3/4		3/4		3/4	131,261	3/4	121,078	3/4	111,013	3/4	100,991	3/4	90,968	3/4	80,946	3/4	70,923
7		7		7		7	131,049	7	120,866	7	110,804	7	100,782	7	90,760	7	80,737	7	70,715
1/4		1/4		1/4		1/4	130,837	1/4	120,653	1/4	110,596	1/4	100,573	1/4	90,551	1/4	80,528	1/4	70,506
1/2		1/2		1/2		1/2	130,625	1/2	120,441	1/2	110,387	1/2	100,364	1/2	90,342	1/2	80,319	1/2	70,297
3/4		3/4		3/4		3/4	130,413	3/4	120,229	3/4	110,178	3/4	100,156	3/4	90,133	3/4	80,111	3/4	70,088
8		8		8		8	130,201	8	120,017	8	109,969	8	99,947	8	89,924	8	79,902	8	69,879
1/4		1/4		1/4		1/4	129,989	1/4	119,805	1/4	109,760	1/4	99,738	1/4	89,716	1/4	79,693	1/4	69,671
1/2		1/2		1/2		1/2	129,777	1/2	119,592	1/2	109,552	1/2	99,529	1/2	89,507	1/2	79,484	1/2	69,462
3/4		3/4		3/4		3/4	129,565	3/4	119,380	3/4	109,343	3/4	99,320	3/4	89,298	3/4	79,275	3/4	69,253
9		9		9		9	129,353	9	119,168	9	109,134	9	99,112	9	89,089	9	79,067	9	69,044
1/4		1/4		1/4		1/4	129,141	1/4	118,956	1/4	108,925	1/4	98,903	1/4	88,880	1/4	78,858	1/4	68,835
1/2		1/2		1/2		1/2	128,928	1/2	118,744	1/2	108,716	1/2	98,694	1/2	88,672	1/2	78,649	1/2	68,627
3/4		3/4		7/8	135,813	3/4	128,716	3/4	118,532	3/4	108,508	3/4	98,485	3/4	88,463	3/4	78,440	3/4	68,418
10		10		10	135,811	10	128,504	10	118,321	10	108,299	10	98,276	10	88,254	10	78,231	10	68,209
1/4		1/4		1/4	135,804	1/4	128,292	1/4	118,112	1/4	108,090	1/4	98,068	1/4	88,045	1/4	78,023	1/4	68,000
1/2		1/2		1/2	135,789	1/2	128,080	1/2	117,904	1/2	107,881	1/2	97,859	1/2	87,836	1/2	77,814	1/2	67,791
3/4		3/4		3/4	135,766	3/4	127,868	3/4	117,695	3/4	107,672	3/4	97,650	3/4	87,627	3/4	77,605	3/4	67,583
11		11		11	135,736	11	127,655	11	117,486	11	107,464	11	97,441	11	87,419	11	77,396	11	67,374
1/4		1/4		1/4	135,698	1/4	127,443	1/4	117,277	1/4	107,255	1/4	97,232	1/4	87,210	1/4	77,187	1/4	67,165
1/2		1/2		1/2	135,653	1/2	127,231	1/2	117,068	1/2	107,046	1/2	97,024	1/2	87,001	1/2	76,979	1/2	66,956
3/4		3/4		3/4	135,600	3/4	127,019	3/4	116,860	3/4	106,837	3/4	96,815	3/4	86,792	3/4	76,770	3/4	66,747

GAUGE LOCATED 2'-6" FORWARD OF AFT BULKHEAD, AND 2'-10" OFF CENTERLINE BULKHEAD.

TABLES APPLY ONLY WHEN VESSEL IS ON EVEN KEEL.

RECOMPUTED BY JF 01/25/05 FOR DECK EXTENSION AND GAUGE HEIGHTS.
GAUGE HEIGHTS AND LOCATIONS MEASURED BY LF 01/12/05.
REVISION COMPUTED FROM DRAWINGS AND INFORMATION SUPPLIED BY MARK C SHIFFER.
TANK CAN ONLY BE DECLARED EMPTY BY VISUAL INSPECTION.

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JF 01/25/05
STRAPPED BY: LF 01/12/05

SAYBOLT LP.

C. Endress

SAYBOLT LP.

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

BARGE MOC 9

1 PORT ULLAGE TABLE

GAUGE HEIGHT 17'-5 3/8"

COMPUTED IN U. S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.
0	66,539	0	56,516	0	46,494	0	36,471	0	26,449	0	16,570	0	8,493	0	1,762
1/4	66,330	1/4	56,307	1/4	46,285	1/4	36,263	1/4	26,240	1/4	16,367	1/4	8,352	1/4	1,627
1/2	66,121	1/2	56,099	1/2	46,076	1/2	36,054	1/2	26,031	1/2	16,164	1/2	8,211	1/2	1,498
3/4	65,912	3/4	55,890	3/4	45,867	3/4	35,845	3/4	25,823	3/4	15,960	3/4	8,070	3/4	1,368
1	65,703	1	55,681	1	45,659	1	35,636	1	25,614	1	15,757	1	7,929	1	1,239
1/4	65,495	1/4	55,472	1/4	45,450	1/4	35,427	1/4	25,405	1/4	15,553	1/4	7,788	1/4	1,122
1/2	65,286	1/2	55,263	1/2	45,241	1/2	35,219	1/2	25,196	1/2	15,350	1/2	7,647	1/2	1,016
3/4	65,077	3/4	55,055	3/4	45,032	3/4	35,010	3/4	24,987	3/4	15,147	3/4	7,506	3/4	910
2	64,868	2	54,846	2	44,823	2	34,801	2	24,779	2	14,943	2	7,366	2	805
1/4	64,659	1/4	54,637	1/4	44,615	1/4	34,592	1/4	24,570	1/4	14,740	1/4	7,225	1/4	711
1/2	64,451	1/2	54,428	1/2	44,406	1/2	34,383	1/2	24,361	1/2	14,558	1/2	7,084	1/2	628
3/4	64,242	3/4	54,219	3/4	44,197	3/4	34,175	3/4	24,152	3/4	14,397	3/4	6,943	3/4	546
3	64,033	3	54,011	3	43,988	3	33,966	3	23,943	3	14,236	3	6,802	3	464
1/4	63,824	1/4	53,802	1/4	43,779	1/4	33,757	1/4	23,735	1/4	14,075	1/4	6,661	1/4	393
1/2	63,615	1/2	53,593	1/2	43,571	1/2	33,548	1/2	23,526	1/2	13,914	1/2	6,520	1/2	335
3/4	63,407	3/4	53,384	3/4	43,362	3/4	33,339	3/4	23,317	3/4	13,753	3/4	6,379	3/4	276
4	63,198	4	53,175	4	43,153	4	33,131	4	23,108	4	13,592	4	6,238	4	217
1/4	62,989	1/4	52,967	1/4	42,944	1/4	32,922	1/4	22,899	1/4	13,431	1/4	6,097	1/4	170
1/2	62,780	1/2	52,758	1/2	42,735	1/2	32,713	1/2	22,691	1/2	13,270	1/2	5,956	1/2	135
3/4	62,571	3/4	52,549	3/4	42,527	3/4	32,504	3/4	22,482	3/4	13,109	3/4	5,816	3/4	100
5	62,363	5	52,340	5	42,318	5	32,295	5	22,273	5	12,949	5	5,675	5	65
1/4	62,154	1/4	52,131	1/4	42,109	1/4	32,087	1/4	22,064	1/4	12,788	1/4	5,534	1/4	41
1/2	61,945	1/2	51,923	1/2	41,900	1/2	31,878	1/2	21,858	1/2	12,627	1/2	5,393	3/8	35
3/4	61,736	3/4	51,714	3/4	41,691	3/4	31,669	3/4	21,655	3/4	12,466	3/4	5,254		
6	61,527	6	51,505	6	41,483	6	31,460	6	21,451	6	12,305	6	5,114		
1/4	61,319	1/4	51,296	1/4	41,274	1/4	31,251	1/4	21,248	1/4	12,144	1/4	4,974		
1/2	61,110	1/2	51,087	1/2	41,065	1/2	31,043	1/2	21,045	1/2	11,983	1/2	4,835		
3/4	60,901	3/4	50,879	3/4	40,856	3/4	30,834	3/4	20,841	3/4	11,822	3/4	4,695		
7	60,692	7	50,670	7	40,647	7	30,625	7	20,638	7	11,661	7	4,555		
1/4	60,483	1/4	50,461	1/4	40,439	1/4	30,416	1/4	20,435	1/4	11,500	1/4	4,416		
1/2	60,275	1/2	50,252	1/2	40,230	1/2	30,207	1/2	20,231	1/2	11,339	1/2	4,276		
3/4	60,066	3/4	50,043	3/4	40,021	3/4	29,999	3/4	20,028	3/4	11,178	3/4	4,136		
8	59,857	8	49,835	8	39,812	8	29,790	8	19,824	8	11,018	8	3,997		
1/4	59,648	1/4	49,626	1/4	39,603	1/4	29,581	1/4	19,621	1/4	10,857	1/4	3,857		
1/2	59,439	1/2	49,417	1/2	39,395	1/2	29,372	1/2	19,418	1/2	10,696	1/2	3,717		
3/4	59,231	3/4	49,208	3/4	39,186	3/4	29,163	3/4	19,214	3/4	10,535	3/4	3,577		
9	59,022	9	48,999	9	38,977	9	28,955	9	19,011	9	10,374	9	3,438		
1/4	58,813	1/4	48,791	1/4	38,768	1/4	28,746	1/4	18,808	1/4	10,213	1/4	3,298		
1/2	58,604	1/2	48,582	1/2	38,559	1/2	28,537	1/2	18,604	1/2	10,052	1/2	3,159		
3/4	58,395	3/4	48,373	3/4	38,351	3/4	28,328	3/4	18,401	3/4	9,891	3/4	3,019		
10	58,187	10	48,164	10	38,142	10	28,119	10	18,197	10	9,730	10	2,880		
1/4	57,978	1/4	47,955	1/4	37,933	1/4	27,911	1/4	17,994	1/4	9,569	1/4	2,741		
1/2	57,769	1/2	47,747	1/2	37,724	1/2	27,702	1/2	17,791	1/2	9,408	1/2	2,602		
3/4	57,560	3/4	47,538	3/4	37,515	3/4	27,493	3/4	17,587	3/4	9,247	3/4	2,462		
11	57,351	11	47,329	11	37,307	11	27,284	11	17,384	11	9,086	11	2,323		
1/4	57,143	1/4	47,120	1/4	37,098	1/4	27,075	1/4	17,180	1/4	8,926	1/4	2,184		
1/2	56,934	1/2	46,911	1/2	36,889	1/2	26,867	1/2	16,977	1/2	8,775	1/2	2,044		
3/4	56,725	3/4	46,703	3/4	36,680	3/4	26,658	3/4	16,774	3/4	8,634	3/4	1,903		

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SAYBOLT LP.

O. Endress

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

BARGE MOC 9

1 STAR ULLAGE TABLE

GAUGE HEIGHT 17'-5 3/8"

COMPUTED IN U. S. GALLONS

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		0	135,539	0	126,807	0	116,651	0	106,628	0	96,606	0	86,583	0	76,561
1/4	1/4	1/4	1/4	1/4	1/4	1/4	135,471	1/4	126,594	1/4	116,442	1/4	106,420	1/4	96,397	1/4	86,375	1/4	76,352
1/2	1/2	1/2	1/2	1/2	1/2	1/2	135,395	1/2	126,382	1/2	116,233	1/2	106,211	1/2	96,188	1/2	86,166	1/2	76,143
3/4	3/4	3/4	3/4	3/4	3/4	3/4	135,312	3/4	126,170	3/4	116,024	3/4	106,002	3/4	95,980	3/4	85,957	3/4	75,935
1	1	1	1	1	1	1	135,221	1	125,958	1	115,816	1	105,793	1	95,771	1	85,748	1	75,726
1/4	1/4	1/4	1/4	1/4	1/4	1/4	135,123	1/4	125,746	1/4	115,607	1/4	105,584	1/4	95,562	1/4	85,539	1/4	75,517
1/2	1/2	1/2	1/2	1/2	1/2	1/2	135,017	1/2	125,534	1/2	115,398	1/2	105,376	1/2	95,353	1/2	85,331	1/2	75,308
3/4	3/4	3/4	3/4	3/4	3/4	3/4	134,903	3/4	125,321	3/4	115,189	3/4	105,167	3/4	95,144	3/4	85,122	3/4	75,099
2	2	2	2	2	2	2	134,782	2	125,109	2	114,980	2	104,958	2	94,936	2	84,913	2	74,891
1/4	1/4	1/4	1/4	1/4	1/4	1/4	134,653	1/4	124,897	1/4	114,772	1/4	104,749	1/4	94,727	1/4	84,704	1/4	74,682
1/2	1/2	1/2	1/2	1/2	1/2	1/2	134,517	1/2	124,685	1/2	114,563	1/2	104,540	1/2	94,518	1/2	84,495	1/2	74,473
3/4	3/4	3/4	3/4	3/4	3/4	3/4	134,373	3/4	124,473	3/4	114,354	3/4	104,332	3/4	94,309	3/4	84,287	3/4	74,264
3	3	3	3	3	3	3	134,221	3	124,260	3	114,145	3	104,123	3	94,100	3	84,078	3	74,055
1/4	1/4	1/4	1/4	1/4	1/4	1/4	134,062	1/4	124,048	1/4	113,936	1/4	103,914	1/4	93,892	1/4	83,869	1/4	73,847
1/2	1/2	1/2	1/2	1/2	1/2	1/2	133,895	1/2	123,836	1/2	113,728	1/2	103,705	1/2	93,683	1/2	83,660	1/2	73,638
3/4	3/4	3/4	3/4	3/4	3/4	3/4	133,721	3/4	123,624	3/4	113,519	3/4	103,496	3/4	93,474	3/4	83,451	3/4	73,429
4	4	4	4	4	4	4	133,539	4	123,412	4	113,310	4	103,288	4	93,265	4	83,243	4	73,220
1/4	1/4	1/4	1/4	1/4	1/4	1/4	133,350	1/4	123,200	1/4	113,101	1/4	103,079	1/4	93,056	1/4	83,034	1/4	73,011
1/2	1/2	1/2	1/2	1/2	1/2	1/2	133,153	1/2	122,987	1/2	112,892	1/2	102,870	1/2	92,848	1/2	82,825	1/2	72,803
3/4	3/4	3/4	3/4	3/4	3/4	3/4	132,948	3/4	122,775	3/4	112,684	3/4	102,661	3/4	92,639	3/4	82,616	3/4	72,594
5	5	5	5	5	5	5	132,739	5	122,563	5	112,475	5	102,452	5	92,430	5	82,407	5	72,385
1/4	1/4	1/4	1/4	1/4	1/4	1/4	132,529	1/4	122,351	1/4	112,266	1/4	102,244	1/4	92,221	1/4	82,199	1/4	72,176
1/2	1/2	1/2	1/2	1/2	1/2	1/2	132,318	1/2	122,139	1/2	112,057	1/2	102,035	1/2	92,012	1/2	81,990	1/2	71,967
3/4	3/4	3/4	3/4	3/4	3/4	3/4	132,107	3/4	121,926	3/4	111,848	3/4	101,826	3/4	91,804	3/4	81,781	3/4	71,759
6	6	6	6	6	6	6	131,896	6	121,714	6	111,640	6	101,617	6	91,595	6	81,572	6	71,550
1/4	1/4	1/4	1/4	1/4	1/4	1/4	131,684	1/4	121,502	1/4	111,431	1/4	101,408	1/4	91,386	1/4	81,363	1/4	71,341
1/2	1/2	1/2	1/2	1/2	1/2	1/2	131,473	1/2	121,290	1/2	111,222	1/2	101,200	1/2	91,177	1/2	81,155	1/2	71,132
3/4	3/4	3/4	3/4	3/4	3/4	3/4	131,261	3/4	121,078	3/4	111,013	3/4	100,991	3/4	90,968	3/4	80,946	3/4	70,923
7	7	7	7	7	7	7	131,049	7	120,866	7	110,804	7	100,782	7	90,760	7	80,737	7	70,715
1/4	1/4	1/4	1/4	1/4	1/4	1/4	130,837	1/4	120,653	1/4	110,596	1/4	100,573	1/4	90,551	1/4	80,528	1/4	70,506
1/2	1/2	1/2	1/2	1/2	1/2	1/2	130,625	1/2	120,441	1/2	110,387	1/2	100,364	1/2	90,342	1/2	80,319	1/2	70,297
3/4	3/4	3/4	3/4	3/4	3/4	3/4	130,413	3/4	120,229	3/4	110,178	3/4	100,156	3/4	90,133	3/4	80,111	3/4	70,088
8	8	8	8	8	8	8	130,201	8	120,017	8	109,969	8	99,947	8	89,924	8	79,902	8	69,879
1/4	1/4	1/4	1/4	1/4	1/4	1/4	129,989	1/4	119,805	1/4	109,760	1/4	99,738	1/4	89,716	1/4	79,693	1/4	69,671
1/2	1/2	1/2	1/2	1/2	1/2	1/2	129,777	1/2	119,592	1/2	109,552	1/2	99,529	1/2	89,507	1/2	79,484	1/2	69,462
3/4	3/4	3/4	3/4	3/4	3/4	3/4	129,565	3/4	119,380	3/4	109,343	3/4	99,320	3/4	89,298	3/4	79,275	3/4	69,253
9	9	9	9	9	9	9	129,353	9	119,168	9	109,134	9	99,112	9	89,089	9	79,067	9	69,044
1/4	1/4	1/4	1/4	1/4	1/4	1/4	129,141	1/4	118,956	1/4	108,925	1/4	98,903	1/4	88,880	1/4	78,858	1/4	68,835
1/2	1/2	1/2	1/2	1/2	1/2	1/2	128,928	1/2	118,744	1/2	108,716	1/2	98,694	1/2	88,672	1/2	78,649	1/2	68,627
3/4	3/4	3/4	7/8	135,813	3/4	128,716	3/4	118,532	3/4	108,508	3/4	98,485	3/4	88,463	3/4	78,440	3/4	68,418	
10	10	10	10	135,811	10	128,504	10	118,321	10	108,299	10	98,276	10	88,254	10	78,231	10	68,209	
1/4	1/4	1/4	1/4	135,804	1/4	128,292	1/4	118,112	1/4	108,090	1/4	98,068	1/4	88,045	1/4	78,023	1/4	68,000	
1/2	1/2	1/2	1/2	135,789	1/2	128,080	1/2	117,904	1/2	107,881	1/2	97,859	1/2	87,836	1/2	77,814	1/2	67,791	
3/4	3/4	3/4	3/4	135,766	3/4	127,868	3/4	117,695	3/4	107,672	3/4	97,650	3/4	87,627	3/4	77,605	3/4	67,583	
11	11	11	11	135,736	11	127,655	11	117,486	11	107,464	11	97,441	11	87,419	11	77,396	11	67,374	
1/4	1/4	1/4	1/4	135,698	1/4	127,443	1/4	117,277	1/4	107,255	1/4	97,232	1/4	87,210	1/4	77,187	1/4	67,165	
1/2	1/2	1/2	1/2	135,653	1/2	127,231	1/2	117,068	1/2	107,046	1/2	97,024	1/2	87,001	1/2	76,979	1/2	66,956	
3/4	3/4	3/4	3/4	135,600	3/4	127,019	3/4	116,860	3/4	106,837	3/4	96,815	3/4	86,792	3/4	76,770	3/4	66,747	

GAUGE LOCATED 2'-6" FORWARD OF AFT BULKHEAD, AND 3'-3"
OFF CENTERLINE BULKHEAD.

TABLES APPLY ONLY WHEN VESSEL IS ON EVEN KEEL.

RECOMPUTED BY JF 01/25/05 FOR DECK EXTENSION AND GAUGE HEIGHTS.
GAUGE HEIGHTS AND LOCATIONS MEASURED BY LF 01/12/05.
REVISION COMPUTED FROM DRAWINGS AND INFORMATION SUPPLIED BY MARK C
SHIFFER.
TANK CAN ONLY BE DECLARED EMPTY BY VISUAL INSPECTION.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: JF 01/25/05
STRAPPED BY: LF 01/12/05

SAYBOLT LP.

C. Endres

SAYBOLT LP.

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

BARGE MOC 9

1 STAR
ULLAGE TABLE

GAUGE HEIGHT 17'-5 3/8"

COMPUTED IN U. S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.
0	66,539	0	56,516	0	46,494	0	36,471	0	26,449	0	16,570	0	8,493	0	1,762
1/4	66,330	1/4	56,307	1/4	46,285	1/4	36,263	1/4	26,240	1/4	16,367	1/4	8,352	1/4	1,627
1/2	66,121	1/2	56,099	1/2	46,076	1/2	36,054	1/2	26,031	1/2	16,164	1/2	8,211	1/2	1,498
3/4	65,912	3/4	55,890	3/4	45,867	3/4	35,845	3/4	25,823	3/4	15,960	3/4	8,070	3/4	1,368
1	65,703	1	55,681	1	45,659	1	35,636	1	25,614	1	15,757	1	7,929	1	1,239
1/4	65,495	1/4	55,472	1/4	45,450	1/4	35,427	1/4	25,405	1/4	15,553	1/4	7,788	1/4	1,122
1/2	65,286	1/2	55,263	1/2	45,241	1/2	35,219	1/2	25,196	1/2	15,350	1/2	7,647	1/2	1,016
3/4	65,077	3/4	55,055	3/4	45,032	3/4	35,010	3/4	24,987	3/4	15,147	3/4	7,506	3/4	910
2	64,868	2	54,846	2	44,823	2	34,801	2	24,779	2	14,943	2	7,366	2	805
1/4	64,659	1/4	54,637	1/4	44,615	1/4	34,592	1/4	24,570	1/4	14,740	1/4	7,225	1/4	711
1/2	64,451	1/2	54,428	1/2	44,406	1/2	34,383	1/2	24,361	1/2	14,558	1/2	7,084	1/2	628
3/4	64,242	3/4	54,219	3/4	44,197	3/4	34,175	3/4	24,152	3/4	14,397	3/4	6,943	3/4	546
3	64,033	3	54,011	3	43,988	3	33,966	3	23,943	3	14,236	3	6,802	3	464
1/4	63,824	1/4	53,802	1/4	43,779	1/4	33,757	1/4	23,735	1/4	14,075	1/4	6,661	1/4	393
1/2	63,615	1/2	53,593	1/2	43,571	1/2	33,548	1/2	23,526	1/2	13,914	1/2	6,520	1/2	335
3/4	63,407	3/4	53,384	3/4	43,362	3/4	33,339	3/4	23,317	3/4	13,753	3/4	6,379	3/4	276
4	63,198	4	53,175	4	43,153	4	33,131	4	23,108	4	13,592	4	6,238	4	217
1/4	62,989	1/4	52,967	1/4	42,944	1/4	32,922	1/4	22,899	1/4	13,431	1/4	6,097	1/4	170
1/2	62,780	1/2	52,758	1/2	42,735	1/2	32,713	1/2	22,691	1/2	13,270	1/2	5,956	1/2	135
3/4	62,571	3/4	52,549	3/4	42,527	3/4	32,504	3/4	22,482	3/4	13,109	3/4	5,816	3/4	100
5	62,363	5	52,340	5	42,318	5	32,295	5	22,273	5	12,949	5	5,675	5	65
1/4	62,154	1/4	52,131	1/4	42,109	1/4	32,087	1/4	22,064	1/4	12,788	1/4	5,534	1/4	41
1/2	61,945	1/2	51,923	1/2	41,900	1/2	31,878	1/2	21,858	1/2	12,627	1/2	5,393	1/2	35
3/4	61,736	3/4	51,714	3/4	41,691	3/4	31,669	3/4	21,655	3/4	12,466	3/4	5,254		
6	61,527	6	51,505	6	41,483	6	31,460	6	21,451	6	12,305	6	5,114		
1/4	61,319	1/4	51,296	1/4	41,274	1/4	31,251	1/4	21,248	1/4	12,144	1/4	4,974		
1/2	61,110	1/2	51,087	1/2	41,065	1/2	31,043	1/2	21,045	1/2	11,983	1/2	4,835		
3/4	60,901	3/4	50,879	3/4	40,856	3/4	30,834	3/4	20,841	3/4	11,822	3/4	4,695		
7	60,692	7	50,670	7	40,647	7	30,625	7	20,638	7	11,661	7	4,555		
1/4	60,483	1/4	50,461	1/4	40,439	1/4	30,416	1/4	20,435	1/4	11,500	1/4	4,416		
1/2	60,275	1/2	50,252	1/2	40,230	1/2	30,207	1/2	20,231	1/2	11,339	1/2	4,276		
3/4	60,066	3/4	50,043	3/4	40,021	3/4	29,999	3/4	20,028	3/4	11,178	3/4	4,136		
8	59,857	8	49,835	8	39,812	8	29,790	8	19,824	8	11,018	8	3,997		
1/4	59,648	1/4	49,626	1/4	39,603	1/4	29,581	1/4	19,621	1/4	10,857	1/4	3,857		
1/2	59,439	1/2	49,417	1/2	39,395	1/2	29,372	1/2	19,418	1/2	10,696	1/2	3,717		
3/4	59,231	3/4	49,208	3/4	39,186	3/4	29,163	3/4	19,214	3/4	10,535	3/4	3,577		
9	59,022	9	48,999	9	38,977	9	28,955	9	19,011	9	10,374	9	3,438		
1/4	58,813	1/4	48,791	1/4	38,768	1/4	28,746	1/4	18,808	1/4	10,213	1/4	3,298		
1/2	58,604	1/2	48,582	1/2	38,559	1/2	28,537	1/2	18,604	1/2	10,052	1/2	3,159		
3/4	58,395	3/4	48,373	3/4	38,351	3/4	28,328	3/4	18,401	3/4	9,891	3/4	3,019		
10	58,187	10	48,164	10	38,142	10	28,119	10	18,197	10	9,730	10	2,880		
1/4	57,978	1/4	47,955	1/4	37,933	1/4	27,911	1/4	17,994	1/4	9,569	1/4	2,741		
1/2	57,769	1/2	47,747	1/2	37,724	1/2	27,702	1/2	17,791	1/2	9,408	1/2	2,602		
3/4	57,560	3/4	47,538	3/4	37,515	3/4	27,493	3/4	17,587	3/4	9,247	3/4	2,462		
11	57,351	11	47,329	11	37,307	11	27,284	11	17,384	11	9,086	11	2,323		
1/4	57,143	1/4	47,120	1/4	37,098	1/4	27,075	1/4	17,180	1/4	8,926	1/4	2,184		
1/2	56,934	1/2	46,911	1/2	36,889	1/2	26,867	1/2	16,977	1/2	8,775	1/2	2,044		
3/4	56,725	3/4	46,703	3/4	36,680	3/4	26,658	3/4	16,774	3/4	8,634	3/4	1,903		

GAUGE LOCATED 2'-6" FORWARD OF AFT BULKHEAD, AND 3'-3" OFF CENTERLINE BULKHEAD.

TABLES APPLY ONLY WHEN VESSEL IS ON EVEN KEEL.

RECOMPUTED BY JF 01/25/05 FOR DECK EXTENSION AND GAUGE HEIGHTS.
GAUGE HEIGHTS AND LOCATIONS MEASURED BY LF 01/12/05.
REVISION COMPUTED FROM DRAWINGS AND INFORMATION SUPPLIED BY MARK C SHIFFER.
TANK CAN ONLY BE DECLARED EMPTY BY VISUAL INSPECTION.

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JF 01/25/05
STRAPPED BY: LF 01/12/05

SAYBOLT LP.

C. Endress

SAYBOLT LP.

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

BARGE MOC 9

2 PORT ULLAGE TABLE

GAUGE HEIGHT 17'-3"

COMPUTED IN U. S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	159,365	0	148,209	0	136,687	0	125,293	0	113,898	0	102,504	0	91,110
1/4	1/4	1/4	1/4	1/4	1/4	1/4	159,206	1/4	147,967	1/4	136,449	1/4	125,055	1/4	113,661	1/4	102,267	1/4	90,872
1/2	1/2	1/2	1/2	1/2	1/2	1/2	159,037	1/2	147,726	1/2	136,212	1/2	124,818	1/2	113,424	1/2	102,029	1/2	90,635
3/4	3/4	3/4	3/4	3/4	3/4	3/4	158,861	3/4	147,484	3/4	135,975	3/4	124,580	3/4	113,186	3/4	101,792	3/4	90,398
1	1	1	1	1	1	1	158,675	1	147,243	1	135,737	1	124,343	1	112,949	1	101,555	1	90,160
1/4	1/4	1/4	1/4	1/4	1/4	1/4	158,481	1/4	147,001	1/4	135,500	1/4	124,106	1/4	112,711	1/4	101,317	1/4	89,923
1/2	1/2	1/2	1/2	1/2	1/2	1/2	158,278	1/2	146,759	1/2	135,262	1/2	123,868	1/2	112,474	1/2	101,080	1/2	89,686
3/4	3/4	3/4	3/4	3/4	3/4	3/4	158,067	3/4	146,518	3/4	135,025	3/4	123,631	3/4	112,237	3/4	100,842	3/4	89,448
2	2	2	2	2	2	2	157,847	2	146,276	2	134,788	2	123,393	2	111,999	2	100,605	2	89,211
1/4	1/4	1/4	1/4	1/4	1/4	1/4	157,618	1/4	146,034	1/4	134,550	1/4	123,156	1/4	111,762	1/4	100,368	1/4	88,973
1/2	1/2	1/2	1/2	1/2	1/2	1/2	157,381	1/2	145,793	1/2	134,313	1/2	122,919	1/2	111,524	1/2	100,130	1/2	88,736
3/4	3/4	3/4	3/4	3/4	3/4	3/4	157,142	3/4	145,551	3/4	134,076	3/4	122,681	3/4	111,287	3/4	99,893	3/4	88,499
3	3	3	3	3	3	3	156,902	3	145,309	3	133,838	3	122,444	3	111,050	3	99,655	3	88,261
1/4	1/4	1/4	1/4	1/4	1/4	1/4	156,662	1/4	145,068	1/4	133,601	1/4	122,207	1/4	110,812	1/4	99,418	1/4	88,024
1/2	1/2	1/2	1/2	1/2	1/2	1/2	156,421	1/2	144,826	1/2	133,363	1/2	121,969	1/2	110,575	1/2	99,181	1/2	87,786
3/4	3/4	3/4	3/4	3/4	3/4	3/4	156,180	3/4	144,584	3/4	133,126	3/4	121,732	3/4	110,338	3/4	98,943	3/4	87,549
4	4	4	4	4	4	4	155,940	4	144,343	4	132,889	4	121,494	4	110,100	4	98,706	4	87,312
1/4	1/4	1/4	1/4	1/4	1/4	1/4	155,699	1/4	144,101	1/4	132,651	1/4	121,257	1/4	109,863	1/4	98,469	1/4	87,074
1/2	1/2	1/2	1/2	1/2	1/2	1/2	155,457	1/2	143,859	1/2	132,414	1/2	121,020	1/2	109,625	1/2	98,231	1/2	86,837
3/4	3/4	3/4	3/4	3/4	3/4	3/4	155,216	3/4	143,618	3/4	132,177	3/4	120,782	3/4	109,388	3/4	97,994	3/4	86,600
5	5	5	5	5	5	5	154,975	5	143,376	5	131,939	5	120,545	5	109,151	5	97,756	5	86,362
1/4	1/4	1/4	1/4	1/4	1/4	1/4	154,733	1/4	143,134	1/4	131,702	1/4	120,308	1/4	108,913	1/4	97,519	1/4	86,125
1/2	1/2	1/2	1/2	1/2	1/2	1/2	154,492	1/2	142,893	1/2	131,464	1/2	120,070	1/2	108,676	1/2	97,282	1/2	85,887
3/4	3/4	3/4	3/4	3/4	3/4	3/4	154,250	3/4	142,651	3/4	131,227	3/4	119,833	3/4	108,439	3/4	97,044	3/4	85,650
6	6	6	6	6	6	6	154,008	6	142,410	6	130,990	6	119,595	6	108,201	6	96,807	6	85,413
1/4	1/4	1/4	1/4	1/4	1/4	1/4	153,767	1/4	142,168	1/4	130,752	1/4	119,358	1/4	107,964	1/4	96,570	1/4	85,175
1/2	1/2	1/2	1/2	1/2	1/2	1/2	153,525	1/2	141,926	1/2	130,515	1/2	119,121	1/2	107,726	1/2	96,332	1/2	84,938
3/4	3/4	3/4	3/4	3/4	3/4	3/4	153,284	3/4	141,685	3/4	130,278	3/4	118,883	3/4	107,489	3/4	96,095	3/4	84,701
7	7	7	7	7	7	7	153,042	7	141,443	7	130,040	7	118,646	7	107,252	7	95,857	7	84,463
1/4	1/4	1/4	1/4	1/4	1/4	1/4	152,800	1/4	141,201	1/4	129,803	1/4	118,409	1/4	107,014	1/4	95,620	1/4	84,226
1/2	1/2	1/2	1/2	1/2	1/2	1/2	152,559	1/2	140,960	1/2	129,565	1/2	118,171	1/2	106,777	1/2	95,383	1/2	83,988
3/4	3/4	3/4	3/4	3/4	3/4	3/4	152,317	3/4	140,722	3/4	129,328	3/4	117,934	3/4	106,540	3/4	95,145	3/4	83,751
8	8	8	8	8	8	8	152,076	8	140,485	8	129,091	8	117,696	8	106,302	8	94,908	8	83,514
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,834	1/4	140,247	1/4	128,853	1/4	117,459	1/4	106,065	1/4	94,670	1/4	83,276
1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,592	1/2	140,010	1/2	128,616	1/2	117,222	1/2	105,827	1/2	94,433	1/2	83,039
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,351	3/4	139,773	3/4	128,378	3/4	116,984	3/4	105,590	3/4	94,196	3/4	82,801
9	9	9	9	9	9	9	151,109	9	139,535	9	128,141	9	116,747	9	105,353	9	93,958	9	82,564
1/4	1/4	1/4	1/4	1/4	1/4	1/4	150,867	1/4	139,298	1/4	127,904	1/4	116,509	1/4	105,115	1/4	93,721	1/4	82,327
1/2	1/2	1/2	1/2	1/2	1/2	1/2	150,626	1/2	139,061	1/2	127,666	1/2	116,272	1/2	104,878	1/2	93,484	1/2	82,089
3/4	3/4	3/4	3/4	3/4	3/4	3/4	150,384	3/4	138,823	3/4	127,429	3/4	116,035	3/4	104,640	3/4	93,246	3/4	81,852
10	10	10	10	10	10	10	150,142	10	138,586	10	127,192	10	115,797	10	104,403	10	93,009	10	81,615
1/4	1/4	1/4	1/4	1/4	1/4	1/4	149,901	1/4	138,348	1/4	126,954	1/4	115,560	1/4	104,166	1/4	92,771	1/4	81,377
1/2	1/2	1/2	1/2	1/2	1/2	1/2	149,659	1/2	138,111	1/2	126,717	1/2	115,323	1/2	103,928	1/2	92,534	1/2	81,140
3/4	3/4	3/4	3/4	3/4	3/4	3/4	149,417	3/4	137,874	3/4	126,479	3/4	115,085	3/4	103,691	3/4	92,297	3/4	80,902
11	11	11	11	11	11	11	159,917	11	149,176	11	137,636	11	126,242	11	114,848	11	103,454	11	92,059
1/4	1/4	1/4	1/4	1/4	1/4	1/4	159,792	1/4	148,934	1/4	137,399	1/4	126,005	1/4	114,610	1/4	103,216	1/4	91,822
1/2	1/2	1/2	1/2	1/2	1/2	1/2	159,659	1/2	148,692	1/2	137,162	1/2	125,767	1/2	114,373	1/2	102,979	1/2	91,585
3/4	3/4	3/4	3/4	3/4	3/4	3/4	159,516	3/4	148,451	3/4	136,924	3/4	125,530	3/4	114,136	3/4	102,741	3/4	91,347

GAUGE LOCATED 2'-6" FORWARD OF AFT BULKHEAD, AND 2'-10"
OFF CENTERLINE BULKHEAD.

TABLES APPLY ONLY WHEN VESSEL IS ON EVEN KEEL.

RECOMPUTED BY JF 01/25/05 FOR DECK EXTENSION AND GAUGE HEIGHTS.
GAUGE HEIGHTS AND LOCATIONS MEASURED BY LF 01/12/05.
REVISION COMPUTED FROM DRAWINGS AND INFORMATION SUPPLIED BY MARK C
SHIFFER.
TANK CAN ONLY BE DECLARED EMPTY BY VISUAL INSPECTION.

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JF 01/25/05
STRAPPED BY: LF 01/12/05

SAYBOLT LP.

O. Endres

SAYBOLT LP.

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

BARGE MOC 9

2 PORT ULLAGE TABLE

GAUGE HEIGHT 17'-3"

COMPUTED IN U. S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.
0	79,716	0	68,321	0	56,927	0	45,533	0	34,139	0	22,938	0	11,803	0	1,102
1/4	79,478	1/4	68,084	1/4	56,690	1/4	45,295	1/4	33,901	1/4	22,706	1/4	11,571	1/4	967
1/2	79,241	1/2	67,847	1/2	56,452	1/2	45,058	1/2	33,664	1/2	22,474	1/2	11,339	1/2	832
3/4	79,003	3/4	67,609	3/4	56,215	3/4	44,821	3/4	33,426	3/4	22,242	3/4	11,107	3/4	696
1	78,766	1	67,372	1	55,978	1	44,583	1	33,189	1	22,010	1	10,875	1	569
1/4	78,529	1/4	67,134	1/4	55,740	1/4	44,346	1/4	32,952	1/4	21,778	1/4	10,643	1/4	503
1/2	78,291	1/2	66,897	1/2	55,503	1/2	44,109	1/2	32,714	1/2	21,546	1/2	10,411	1/2	406
3/4	78,054	3/4	66,660	3/4	55,265	3/4	43,871	3/4	32,477	3/4	21,314	3/4	10,179	3/4	309
2	77,817	2	66,422	2	55,028	2	43,634	2	32,240	2	21,082	2	9,947	2	251
1/4	77,579	1/4	66,185	1/4	54,791	1/4	43,396	1/4	32,002	1/4	20,850	1/4	9,715	1/4	193
1/2	77,342	1/2	65,948	1/2	54,553	1/2	43,159	1/2	31,765	1/2	20,618	1/2	9,483	1/2	135
3/4	77,104	3/4	65,710	3/4	54,316	3/4	42,922	3/4	31,527	3/4	20,387	3/4	9,251	3/4	77
3	76,867	3	65,473	3	54,079	3	42,684	3	31,290	3	20,155	3	9,019	3	58
1/4	76,630	1/4	65,235	1/4	53,841	1/4	42,447	1/4	31,058	1/4	19,923	1/4	8,788		
1/2	76,392	1/2	64,998	1/2	53,604	1/2	42,210	1/2	30,826	1/2	19,691	1/2	8,557		
3/4	76,155	3/4	64,761	3/4	53,366	3/4	41,972	3/4	30,594	3/4	19,459	3/4	8,326		
4	75,917	4	64,523	4	53,129	4	41,735	4	30,362	4	19,227	4	8,095		
1/4	75,680	1/4	64,286	1/4	52,892	1/4	41,497	1/4	30,130	1/4	18,995	1/4	7,864		
1/2	75,443	1/2	64,048	1/2	52,654	1/2	41,260	1/2	29,898	1/2	18,763	1/2	7,634		
3/4	75,205	3/4	63,811	3/4	52,417	3/4	41,023	3/4	29,666	3/4	18,531	3/4	7,403		
5	74,968	5	63,574	5	52,179	5	40,785	5	29,434	5	18,299	5	7,172		
1/4	74,731	1/4	63,336	1/4	51,942	1/4	40,548	1/4	29,202	1/4	18,067	1/4	6,941		
1/2	74,493	1/2	63,099	1/2	51,705	1/2	40,310	1/2	28,970	1/2	17,835	1/2	6,710		
3/4	74,256	3/4	62,862	3/4	51,467	3/4	40,073	3/4	28,738	3/4	17,603	3/4	6,479		
6	74,018	6	62,624	6	51,230	6	39,836	6	28,506	6	17,371	6	6,248		
1/4	73,781	1/4	62,387	1/4	50,993	1/4	39,598	1/4	28,274	1/4	17,139	1/4	6,017		
1/2	73,544	1/2	62,149	1/2	50,755	1/2	39,361	1/2	28,042	1/2	16,907	1/2	5,786		
3/4	73,306	3/4	61,912	3/4	50,518	3/4	39,124	3/4	27,810	3/4	16,675	3/4	5,555		
7	73,069	7	61,675	7	50,280	7	38,886	7	27,578	7	16,443	7	5,325		
1/4	72,832	1/4	61,437	1/4	50,043	1/4	38,649	1/4	27,346	1/4	16,211	1/4	5,094		
1/2	72,594	1/2	61,200	1/2	49,806	1/2	38,411	1/2	27,114	1/2	15,979	1/2	4,864		
3/4	72,357	3/4	60,963	3/4	49,568	3/4	38,174	3/4	26,882	3/4	15,747	3/4	4,633		
8	72,119	8	60,725	8	49,331	8	37,937	8	26,650	8	15,515	8	4,403		
1/4	71,882	1/4	60,488	1/4	49,094	1/4	37,699	1/4	26,418	1/4	15,283	1/4	4,172		
1/2	71,645	1/2	60,250	1/2	48,856	1/2	37,462	1/2	26,186	1/2	15,051	1/2	3,942		
3/4	71,407	3/4	60,013	3/4	48,619	3/4	37,225	3/4	25,954	3/4	14,819	3/4	3,711		
9	71,170	9	59,776	9	48,381	9	36,987	9	25,722	9	14,587	9	3,481		
1/4	70,932	1/4	59,538	1/4	48,144	1/4	36,750	1/4	25,490	1/4	14,355	1/4	3,249		
1/2	70,695	1/2	59,301	1/2	47,907	1/2	36,512	1/2	25,258	1/2	14,123	1/2	3,017		
3/4	70,458	3/4	59,063	3/4	47,669	3/4	36,275	3/4	25,026	3/4	13,891	3/4	2,785		
10	70,220	10	58,826	10	47,432	10	36,038	10	24,794	10	13,659	10	2,572		
1/4	69,983	1/4	58,589	1/4	47,194	1/4	35,800	1/4	24,562	1/4	13,427	1/4	2,359		
1/2	69,746	1/2	58,351	1/2	46,957	1/2	35,563	1/2	24,330	1/2	13,195	1/2	2,146		
3/4	69,508	3/4	58,114	3/4	46,720	3/4	35,325	3/4	24,098	3/4	12,963	3/4	1,934		
11	69,271	11	57,877	11	46,482	11	35,088	11	23,866	11	12,731	11	1,760		
1/4	69,033	1/4	57,639	1/4	46,245	1/4	34,851	1/4	23,634	1/4	12,499	1/4	1,586		
1/2	68,796	1/2	57,402	1/2	46,008	1/2	34,613	1/2	23,402	1/2	12,267	1/2	1,412		
3/4	68,559	3/4	57,164	3/4	45,770	3/4	34,376	3/4	23,170	3/4	12,035	3/4	1,238		

GAUGE LOCATED 2'-6" FORWARD OF AFT BULKHEAD, AND 2'-10" OFF CENTERLINE BULKHEAD.

TABLES APPLY ONLY WHEN VESSEL IS ON EVEN KEEL.

RECOMPUTED BY JF 01/25/05 FOR DECK EXTENSION AND GAUGE HEIGHTS.
GAUGE HEIGHTS AND LOCATIONS MEASURED BY LF 01/12/05.
REVISION COMPUTED FROM DRAWINGS AND INFORMATION SUPPLIED BY MARK C SHIFFER.
TANK CAN ONLY BE DECLARED EMPTY BY VISUAL INSPECTION.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: JF 01/25/05
STRAPPED BY: LF 01/12/05

SAYBOLT LP.

O. Endress

SAYBOLT LP.

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

BARGE MOC 9

2 STAR ULLAGE TABLE

GAUGE HEIGHT 17'-4 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		0	159,998	0	149,449	0	137,900	0	126,493	0	115,087	0	103,681	0	92,275
1/4		1/4		1/4		1/4	159,886	1/4	149,207	1/4	137,662	1/4	126,256	1/4	114,849	1/4	103,443	1/4	92,037
1/2		1/2		1/2		1/2	159,765	1/2	148,965	1/2	137,424	1/2	126,018	1/2	114,612	1/2	103,206	1/2	91,799
3/4		3/4		3/4		3/4	159,636	3/4	148,724	3/4	137,187	3/4	125,780	3/4	114,374	3/4	102,968	3/4	91,562
1		1		1		1	159,498	1	148,482	1	136,949	1	125,543	1	114,137	1	102,730	1	91,324
1/4		1/4		1/4		1/4	159,351	1/4	148,240	1/4	136,711	1/4	125,305	1/4	113,899	1/4	102,493	1/4	91,086
1/2		1/2		1/2		1/2	159,196	1/2	147,999	1/2	136,474	1/2	125,068	1/2	113,661	1/2	102,255	1/2	90,849
3/4		3/4		3/4		3/4	159,032	3/4	147,757	3/4	136,236	3/4	124,830	3/4	113,424	3/4	102,017	3/4	90,611
2		2		2		2	158,859	2	147,515	2	135,999	2	124,592	2	113,186	2	101,780	2	90,374
1/4		1/4		1/4		1/4	158,678	1/4	147,274	1/4	135,761	1/4	124,355	1/4	112,948	1/4	101,542	1/4	90,136
1/2		1/2		1/2		1/2	158,488	1/2	147,032	1/2	135,523	1/2	124,117	1/2	112,711	1/2	101,305	1/2	89,898
3/4		3/4		3/4		3/4	158,290	3/4	146,790	3/4	135,286	3/4	123,879	3/4	112,473	3/4	101,067	3/4	89,661
3		3		3		3	158,083	3	146,549	3	135,048	3	123,642	3	112,236	3	100,829	3	89,423
1/4		1/4		1/4		1/4	157,867	1/4	146,307	1/4	134,810	1/4	123,404	1/4	111,998	1/4	100,592	1/4	89,185
1/2		1/2		1/2		1/2	157,643	1/2	146,065	1/2	134,573	1/2	123,167	1/2	111,760	1/2	100,354	1/2	88,948
3/4		3/4		3/4		3/4	157,410	3/4	145,824	3/4	134,335	3/4	122,929	3/4	111,523	3/4	100,116	3/4	88,710
4		4		4		4	157,172	4	145,582	4	134,098	4	122,691	4	111,285	4	99,879	4	88,473
1/4		1/4		1/4		1/4	156,932	1/4	145,340	1/4	133,860	1/4	122,454	1/4	111,047	1/4	99,641	1/4	88,235
1/2		1/2		1/2		1/2	156,692	1/2	145,099	1/2	133,622	1/2	122,216	1/2	110,810	1/2	99,404	1/2	87,997
3/4		3/4		3/4		3/4	156,452	3/4	144,857	3/4	133,385	3/4	121,978	3/4	110,572	3/4	99,166	3/4	87,760
5		5		5		5	156,211	5	144,616	5	133,147	5	121,741	5	110,335	5	98,928	5	87,522
1/4		1/4		1/4		1/4	155,970	1/4	144,374	1/4	132,909	1/4	121,503	1/4	110,097	1/4	98,691	1/4	87,284
1/2		1/2		1/2		1/2	155,729	1/2	144,132	1/2	132,672	1/2	121,265	1/2	109,859	1/2	98,453	1/2	87,047
3/4		3/4		3/4		3/4	155,488	3/4	143,891	3/4	132,434	3/4	121,028	3/4	109,622	3/4	98,215	3/4	86,809
6		6		6		6	155,247	6	143,649	6	132,196	6	120,790	6	109,384	6	97,978	6	86,572
1/4		1/4		1/4		1/4	155,006	1/4	143,407	1/4	131,959	1/4	120,553	1/4	109,146	1/4	97,740	1/4	86,334
1/2		1/2		1/2		1/2	154,764	1/2	143,166	1/2	131,721	1/2	120,315	1/2	108,909	1/2	97,502	1/2	86,096
3/4		3/4		3/4		3/4	154,523	3/4	142,924	3/4	131,484	3/4	120,077	3/4	108,671	3/4	97,265	3/4	85,859
7		7		7		7	154,281	7	142,682	7	131,246	7	119,840	7	108,433	7	97,027	7	85,621
1/4		1/4		1/4		1/4	154,040	1/4	142,441	1/4	131,008	1/4	119,602	1/4	108,196	1/4	96,790	1/4	85,383
1/2		1/2		1/2		1/2	153,798	1/2	142,199	1/2	130,771	1/2	119,364	1/2	107,958	1/2	96,552	1/2	85,146
3/4		3/4		3/4		3/4	153,556	3/4	141,957	3/4	130,533	3/4	119,127	3/4	107,721	3/4	96,314	3/4	84,908
8		8		8		8	153,315	8	141,716	8	130,295	8	118,889	8	107,483	8	96,077	8	84,670
1/4		1/4		1/4		1/4	153,073	1/4	141,474	1/4	130,058	1/4	118,652	1/4	107,245	1/4	95,839	1/4	84,433
1/2		1/2		1/2		1/2	152,832	1/2	141,232	1/2	129,820	1/2	118,414	1/2	107,008	1/2	95,601	1/2	84,195
3/4		3/4		7/8	160,672	3/4	152,590	3/4	140,991	3/4	129,583	3/4	118,176	3/4	106,770	3/4	95,364	3/4	83,958
9		9		9	160,670	9	152,348	9	140,751	9	129,345	9	117,939	9	106,532	9	95,126	9	83,720
1/4		1/4		1/4	160,662	1/4	152,107	1/4	140,514	1/4	129,107	1/4	117,701	1/4	106,295	1/4	94,889	1/4	83,482
1/2		1/2		1/2	160,645	1/2	151,865	1/2	140,276	1/2	128,870	1/2	117,463	1/2	106,057	1/2	94,651	1/2	83,245
3/4		3/4		3/4	160,619	3/4	151,623	3/4	140,038	3/4	128,632	3/4	117,226	3/4	105,820	3/4	94,413	3/4	83,007
10		10		10	160,584	10	151,382	10	139,801	10	128,394	10	116,988	10	105,582	10	94,176	10	82,769
1/4		1/4		1/4	160,541	1/4	151,140	1/4	139,563	1/4	128,157	1/4	116,751	1/4	105,344	1/4	93,938	1/4	82,532
1/2		1/2		1/2	160,490	1/2	150,898	1/2	139,325	1/2	127,919	1/2	116,513	1/2	105,107	1/2	93,700	1/2	82,294
3/4		3/4		3/4	160,429	3/4	150,657	3/4	139,088	3/4	127,682	3/4	116,275	3/4	104,869	3/4	93,463	3/4	82,057
11		11		11	160,360	11	150,415	11	138,850	11	127,444	11	116,038	11	104,631	11	93,225	11	81,819
1/4		1/4		1/4	160,283	1/4	150,173	1/4	138,612	1/4	127,206	1/4	115,800	1/4	104,394	1/4	92,988	1/4	81,581
1/2		1/2		1/2	160,197	1/2	149,932	1/2	138,375	1/2	126,969	1/2	115,562	1/2	104,156	1/2	92,750	1/2	81,344
3/4		3/4		3/4	160,102	3/4	149,690	3/4	138,137	3/4	126,731	3/4	115,325	3/4	103,919	3/4	92,512	3/4	81,106

GAUGE LOCATED 2'-6" FORWARD OF AFT BULKHEAD, AND 3'-3" OFF CENTERLINE BULKHEAD.

TABLES APPLY ONLY WHEN VESSEL IS ON EVEN KEEL.

RECOMPUTED BY JF 01/25/05 FOR DECK EXTENSION AND GAUGE HEIGHTS.
GAUGE HEIGHTS AND LOCATIONS MEASURED BY LF 01/12/05.
REVISION COMPUTED FROM DRAWINGS AND INFORMATION SUPPLIED BY MARK C SHIFFER.
TANK CAN ONLY BE DECLARED EMPTY BY VISUAL INSPECTION.

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JF 01/25/05
STRAPPED BY: LF 01/12/05

O. Endress

SAYBOLT LP.

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

BARGE MOC 9

2 STAR ULLAGE TABLE

GAUGE HEIGHT 17'-4 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.	IN	16 FT.	IN	17 FT.
0	80,868	0	69,462	0	58,056	0	46,650	0	35,243	0	24,007	0	12,860	0	1,849
1/4	80,631	1/4	69,225	1/4	57,818	1/4	46,412	1/4	35,006	1/4	23,775	1/4	12,628	1/4	1,674
1/2	80,393	1/2	68,987	1/2	57,581	1/2	46,174	1/2	34,768	1/2	23,543	1/2	12,396	1/2	1,500
3/4	80,155	3/4	68,749	3/4	57,343	3/4	45,937	3/4	34,531	3/4	23,311	3/4	12,164	3/4	1,326
1	79,918	1	68,512	1	57,105	1	45,699	1	34,293	1	23,078	1	11,931	1	1,171
1/4	79,680	1/4	68,274	1/4	56,868	1/4	45,462	1/4	34,055	1/4	22,846	1/4	11,699	1/4	1,036
1/2	79,443	1/2	68,036	1/2	56,630	1/2	45,224	1/2	33,818	1/2	22,614	1/2	11,467	1/2	900
3/4	79,205	3/4	67,799	3/4	56,392	3/4	44,986	3/4	33,580	3/4	22,382	3/4	11,235	3/4	765
2	78,967	2	67,561	2	56,155	2	44,749	2	33,342	2	22,149	2	11,002	2	648
1/4	78,730	1/4	67,323	1/4	55,917	1/4	44,511	1/4	33,105	1/4	21,917	1/4	10,770	1/4	552
1/2	78,492	1/2	67,086	1/2	55,680	1/2	44,273	1/2	32,867	1/2	21,685	1/2	10,538	1/2	455
3/4	78,254	3/4	66,848	3/4	55,442	3/4	44,036	3/4	32,629	3/4	21,453	3/4	10,306	3/4	358
3	78,017	3	66,611	3	55,204	3	43,798	3	32,392	3	21,221	3	10,073	3	281
1/4	77,779	1/4	66,373	1/4	54,967	1/4	43,560	1/4	32,154	1/4	20,988	1/4	9,841	1/4	223
1/2	77,542	1/2	66,135	1/2	54,729	1/2	43,323	1/2	31,917	1/2	20,756	1/2	9,609	1/2	165
3/4	77,304	3/4	65,898	3/4	54,491	3/4	43,085	3/4	31,679	3/4	20,524	3/4	9,377	3/4	106
4	77,066	4	65,660	4	54,254	4	42,848	4	31,441	4	20,292	4	9,145	4	68
1/4	76,829	1/4	65,422	1/4	54,016	1/4	42,610	1/4	31,206	1/4	20,059	1/4	8,913	1/8	58
1/2	76,591	1/2	65,185	1/2	53,779	1/2	42,372	1/2	30,974	1/2	19,827	1/2	8,682		
3/4	76,353	3/4	64,947	3/4	53,541	3/4	42,135	3/4	30,742	3/4	19,595	3/4	8,451		
5	76,116	5	64,710	5	53,303	5	41,897	5	30,510	5	19,363	5	8,219		
1/4	75,878	1/4	64,472	1/4	53,066	1/4	41,659	1/4	30,277	1/4	19,130	1/4	7,988		
1/2	75,641	1/2	64,234	1/2	52,828	1/2	41,422	1/2	30,045	1/2	18,898	1/2	7,757		
3/4	75,403	3/4	63,997	3/4	52,590	3/4	41,184	3/4	29,813	3/4	18,666	3/4	7,526		
6	75,165	6	63,759	6	52,353	6	40,947	6	29,581	6	18,434	6	7,295		
1/4	74,928	1/4	63,521	1/4	52,115	1/4	40,709	1/4	29,349	1/4	18,202	1/4	7,064		
1/2	74,690	1/2	63,284	1/2	51,878	1/2	40,471	1/2	29,116	1/2	17,969	1/2	6,833		
3/4	74,452	3/4	63,046	3/4	51,640	3/4	40,234	3/4	28,884	3/4	17,737	3/4	6,601		
7	74,215	7	62,809	7	51,402	7	39,996	7	28,652	7	17,505	7	6,370		
1/4	73,977	1/4	62,571	1/4	51,165	1/4	39,758	1/4	28,420	1/4	17,273	1/4	6,139		
1/2	73,739	1/2	62,333	1/2	50,927	1/2	39,521	1/2	28,187	1/2	17,040	1/2	5,908		
3/4	73,502	3/4	62,096	3/4	50,689	3/4	39,283	3/4	27,955	3/4	16,808	3/4	5,677		
8	73,264	8	61,858	8	50,452	8	39,046	8	27,723	8	16,576	8	5,446		
1/4	73,027	1/4	61,620	1/4	50,214	1/4	38,808	1/4	27,491	1/4	16,344	1/4	5,215		
1/2	72,789	1/2	61,383	1/2	49,976	1/2	38,570	1/2	27,259	1/2	16,111	1/2	4,984		
3/4	72,551	3/4	61,145	3/4	49,739	3/4	38,333	3/4	27,026	3/4	15,879	3/4	4,753		
9	72,314	9	60,907	9	49,501	9	38,095	9	26,794	9	15,647	9	4,523		
1/4	72,076	1/4	60,670	1/4	49,264	1/4	37,857	1/4	26,562	1/4	15,415	1/4	4,292		
1/2	71,838	1/2	60,432	1/2	49,026	1/2	37,620	1/2	26,330	1/2	15,183	1/2	4,061		
3/4	71,601	3/4	60,195	3/4	48,788	3/4	37,382	3/4	26,097	3/4	14,950	3/4	3,830		
10	71,363	10	59,957	10	48,551	10	37,144	10	25,865	10	14,718	10	3,600		
1/4	71,126	1/4	59,719	1/4	48,313	1/4	36,907	1/4	25,633	1/4	14,486	1/4	3,368		
1/2	70,888	1/2	59,482	1/2	48,075	1/2	36,669	1/2	25,401	1/2	14,254	1/2	3,136		
3/4	70,650	3/4	59,244	3/4	47,838	3/4	36,432	3/4	25,168	3/4	14,021	3/4	2,904		
11	70,413	11	59,006	11	47,600	11	36,194	11	24,936	11	13,789	11	2,681		
1/4	70,175	1/4	58,769	1/4	47,363	1/4	35,956	1/4	24,704	1/4	13,557	1/4	2,468		
1/2	69,937	1/2	58,531	1/2	47,125	1/2	35,719	1/2	24,472	1/2	13,325	1/2	2,255		
3/4	69,700	3/4	58,294	3/4	46,887	3/4	35,481	3/4	24,240	3/4	13,092	3/4	2,042		

GAUGE LOCATED 2'-6" FORWARD OF AFT BULKHEAD, AND 3'-3" OFF CENTERLINE BULKHEAD.

TABLES APPLY ONLY WHEN VESSEL IS ON EVEN KEEL.

RECOMPUTED BY JF 01/25/05 FOR DECK EXTENSION AND GAUGE HEIGHTS.
GAUGE HEIGHTS AND LOCATIONS MEASURED BY LF 01/12/05.
REVISION COMPUTED FROM DRAWINGS AND INFORMATION SUPPLIED BY MARK C SHIFFER.
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CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JF 01/25/05
STRAPPED BY: LF 01/12/05

O. Endreass

SAYBOLT LP.

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

BARGE MOC 9

3 PORT ULLAGE TABLE

GAUGE HEIGHT 17'-3 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		0	140,012	0	130,534	0	120,408	0	110,405	0	100,402	0	90,399	0	80,396
1/4		1/4		1/4		1/4	139,899	1/4	130,322	1/4	120,200	1/4	110,197	1/4	100,194	1/4	90,190	1/4	80,187
1/2		1/2		1/2		1/2	139,778	1/2	130,110	1/2	119,992	1/2	109,988	1/2	99,985	1/2	89,982	1/2	79,979
3/4		3/4		3/4		3/4	139,649	3/4	129,898	3/4	119,783	3/4	109,780	3/4	99,777	3/4	89,774	3/4	79,770
1		1		1		1	139,513	1	129,686	1	119,675	1	109,572	1	99,568	1	89,565	1	79,562
1/4		1/4		1/4		1/4	139,369	1/4	129,474	1/4	119,366	1/4	109,363	1/4	99,360	1/4	89,357	1/4	79,354
1/2		1/2		1/2		1/2	139,217	1/2	129,262	1/2	119,158	1/2	109,155	1/2	99,152	1/2	89,148	1/2	79,145
3/4		3/4		3/4		3/4	139,058	3/4	129,050	3/4	118,950	3/4	108,946	3/4	98,943	3/4	88,940	3/4	78,937
2		2		2		2	138,892	2	128,838	2	118,741	2	108,738	2	98,735	2	88,732	2	78,728
1/4		1/4		1/4		1/4	138,718	1/4	128,626	1/4	118,533	1/4	108,530	1/4	98,526	1/4	88,523	1/4	78,520
1/2		1/2		1/2		1/2	138,536	1/2	128,414	1/2	118,324	1/2	108,321	1/2	98,318	1/2	88,315	1/2	78,312
3/4		3/4		3/4		3/4	138,347	3/4	128,201	3/4	118,116	3/4	108,113	3/4	98,110	3/4	88,106	3/4	78,103
3		3		3		3	138,150	3	127,989	3	117,908	3	107,904	3	97,901	3	87,898	3	77,895
1/4		1/4		1/4		1/4	137,945	1/4	127,777	1/4	117,699	1/4	107,696	1/4	97,693	1/4	87,690	1/4	77,686
1/2		1/2		1/2		1/2	137,736	1/2	127,565	1/2	117,491	1/2	107,488	1/2	97,484	1/2	87,481	1/2	77,478
3/4		3/4		3/4		3/4	137,526	3/4	127,353	3/4	117,282	3/4	107,279	3/4	97,276	3/4	87,273	3/4	77,270
4		4		4		4	137,315	4	127,141	4	117,074	4	107,071	4	97,068	4	87,064	4	77,061
1/4		1/4		1/4		1/4	137,105	1/4	126,929	1/4	116,866	1/4	106,862	1/4	96,859	1/4	86,856	1/4	76,853
1/2		1/2		1/2		1/2	136,893	1/2	126,717	1/2	116,657	1/2	106,654	1/2	96,651	1/2	86,648	1/2	76,644
3/4		3/4		3/4		3/4	136,682	3/4	126,505	3/4	116,449	3/4	106,446	3/4	96,442	3/4	86,439	3/4	76,436
5		5		5		5	136,471	5	126,293	5	116,240	5	106,237	5	96,234	5	86,231	5	76,228
1/4		1/4		1/4		1/4	136,259	1/4	126,081	1/4	116,032	1/4	106,029	1/4	96,026	1/4	86,022	1/4	76,019
1/2		1/2		1/2		1/2	136,047	1/2	125,869	1/2	115,824	1/2	105,820	1/2	95,817	1/2	85,814	1/2	75,811
3/4		3/4		3/4		3/4	135,835	3/4	125,657	3/4	115,615	3/4	105,612	3/4	95,609	3/4	85,606	3/4	75,602
6		6		6		6	135,624	6	125,445	6	115,407	6	105,404	6	95,400	6	85,397	6	75,394
1/4		1/4		1/4		1/4	135,412	1/4	125,233	1/4	115,198	1/4	105,195	1/4	95,192	1/4	85,189	1/4	75,186
1/2		1/2		1/2		1/2	135,200	1/2	125,021	1/2	114,990	1/2	104,987	1/2	94,984	1/2	84,980	1/2	74,977
3/4		3/4		3/4		3/4	134,988	3/4	124,809	3/4	114,782	3/4	104,778	3/4	94,775	3/4	84,772	3/4	74,769
7		7		7		7	134,776	7	124,596	7	114,573	7	104,570	7	94,567	7	84,564	7	74,560
1/4		1/4		1/4		1/4	134,563	1/4	124,384	1/4	114,365	1/4	104,362	1/4	94,358	1/4	84,355	1/4	74,352
1/2		1/2		1/2		1/2	134,351	1/2	124,172	1/2	114,156	1/2	104,153	1/2	94,150	1/2	84,147	1/2	74,144
3/4		3/4		3/4		3/4	134,139	3/4	123,960	3/4	113,948	3/4	103,945	3/4	93,942	3/4	83,938	3/4	73,935
8		8		8		8	133,927	8	123,748	8	113,740	8	103,736	8	93,733	8	83,730	8	73,727
1/4		1/4		3/8	140,808	1/4	133,715	1/4	123,536	1/4	113,531	1/4	103,528	1/4	93,525	1/4	83,522	1/4	73,518
1/2		1/2		1/2	140,807	1/2	133,503	1/2	123,326	1/2	113,323	1/2	103,320	1/2	93,316	1/2	83,313	1/2	73,310
3/4		3/4		3/4	140,799	3/4	133,291	3/4	123,118	3/4	113,114	3/4	103,111	3/4	93,108	3/4	83,105	3/4	73,102
9		9		9	140,784	9	133,079	9	122,909	9	112,906	9	102,903	9	92,900	9	82,896	9	72,893
1/4		1/4		1/4	140,761	1/4	132,867	1/4	122,701	1/4	112,698	1/4	102,694	1/4	92,691	1/4	82,688	1/4	72,685
1/2		1/2		1/2	140,731	1/2	132,655	1/2	122,492	1/2	112,489	1/2	102,486	1/2	92,483	1/2	82,480	1/2	72,476
3/4		3/4		3/4	140,693	3/4	132,443	3/4	122,284	3/4	112,281	3/4	102,278	3/4	92,274	3/4	82,271	3/4	72,268
10		10		10	140,648	10	132,231	10	122,076	10	112,072	10	102,069	10	92,066	10	82,063	10	72,060
1/4		1/4		1/4	140,595	1/4	132,019	1/4	121,867	1/4	111,864	1/4	101,861	1/4	91,858	1/4	81,854	1/4	71,851
1/2		1/2		1/2	140,535	1/2	131,807	1/2	121,659	1/2	111,656	1/2	101,652	1/2	91,649	1/2	81,646	1/2	71,643
3/4		3/4		3/4	140,467	3/4	131,594	3/4	121,450	3/4	111,447	3/4	101,444	3/4	91,441	3/4	81,438	3/4	71,434
11		11		11	140,391	11	131,382	11	121,242	11	111,239	11	101,236	11	91,232	11	81,229	11	71,226
1/4		1/4		1/4	140,308	1/4	131,170	1/4	121,034	1/4	111,030	1/4	101,027	1/4	91,024	1/4	81,021	1/4	71,018
1/2		1/2		1/2	140,217	1/2	130,958	1/2	120,825	1/2	110,822	1/2	100,819	1/2	90,816	1/2	80,812	1/2	70,809
3/4		3/4		3/4	140,118	3/4	130,746	3/4	120,617	3/4	110,614	3/4	100,610	3/4	90,607	3/4	80,604	3/4	70,601

GAUGE LOCATED 1'-6" FORWARD OF AFT BULKHEAD, AND 2'-10" OFF CENTERLINE BULKHEAD.

TABLES APPLY ONLY WHEN VESSEL IS ON EVEN KEEL.

RECOMPUTED BY JF 01/25/05 FOR DECK EXTENSION AND GAUGE HEIGHTS.
GAUGE HEIGHTS AND LOCATIONS MEASURED BY LF 01/12/05.
REVISION COMPUTED FROM DRAWINGS AND INFORMATION SUPPLIED BY MARK C SHIFFER.

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CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JF 01/25/05

STRAPPED BY: LF 01/12/05

SAYBOLT LP.

O. Endress

SAYBOLT LP.

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

BARGE MOC 9

3 PORT ULLAGE TABLE

GAUGE HEIGHT 17'-3 5/8"

COMPUTED IN U. S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.
0	70,392	0	60,389	0	50,386	0	40,383	0	30,380	0	20,558	0	10,814	0	1,303
1/4	70,184	1/4	60,181	1/4	50,178	1/4	40,174	1/4	30,171	1/4	20,355	1/4	10,611	1/4	1,151
1/2	69,976	1/2	59,972	1/2	49,969	1/2	39,966	1/2	29,963	1/2	20,152	1/2	10,408	1/2	1,017
3/4	69,767	3/4	59,764	3/4	49,761	3/4	39,758	3/4	29,754	3/4	19,949	3/4	10,205	3/4	899
1	69,559	1	59,556	1	49,552	1	39,549	1	29,546	1	19,746	1	10,002	1	782
1/4	69,350	1/4	59,347	1/4	49,344	1/4	39,341	1/4	29,338	1/4	19,543	1/4	9,799	1/4	664
1/2	69,142	1/2	59,139	1/2	49,136	1/2	39,132	1/2	29,129	1/2	19,340	1/2	9,596	1/2	563
3/4	68,934	3/4	58,930	3/4	48,927	3/4	38,924	3/4	28,921	3/4	19,137	3/4	9,393	3/4	479
2	68,725	2	58,722	2	48,719	2	38,716	2	28,712	2	18,934	2	9,190	2	395
1/4	68,517	1/4	58,514	1/4	48,510	1/4	38,507	1/4	28,504	1/4	18,731	1/4	8,987	1/4	311
1/2	68,308	1/2	58,305	1/2	48,302	1/2	38,299	1/2	28,296	1/2	18,528	1/2	8,784	1/2	244
3/4	68,100	3/4	58,097	3/4	48,094	3/4	38,090	3/4	28,087	3/4	18,325	3/4	8,581	3/4	193
3	67,892	3	57,888	3	47,885	3	37,882	3	27,879	3	18,122	3	8,378	3	143
1/4	67,683	1/4	57,680	1/4	47,677	1/4	37,674	1/4	27,670	1/4	17,919	1/4	8,175	1/4	92
1/2	67,475	1/2	57,472	1/2	47,468	1/2	37,465	1/2	27,462	1/2	17,716	1/2	7,972	1/2	59
3/4	67,266	3/4	57,263	3/4	47,260	3/4	37,257	3/4	27,256	3/4	17,513	3/4	7,770	3/4	50
4	67,058	4	57,055	4	47,052	4	37,048	4	27,053	4	17,310	4	7,568		
1/4	66,850	1/4	56,846	1/4	46,843	1/4	36,840	1/4	26,850	1/4	17,107	1/4	7,366		
1/2	66,641	1/2	56,638	1/2	46,635	1/2	36,632	1/2	26,647	1/2	16,904	1/2	7,164		
3/4	66,433	3/4	56,430	3/4	46,426	3/4	36,423	3/4	26,444	3/4	16,701	3/4	6,962		
5	66,224	5	56,221	5	46,218	5	36,215	5	26,241	5	16,498	5	6,760		
1/4	66,016	1/4	56,013	1/4	46,010	1/4	36,006	1/4	26,038	1/4	16,295	1/4	6,558		
1/2	65,808	1/2	55,804	1/2	45,801	1/2	35,798	1/2	25,835	1/2	16,092	1/2	6,356		
3/4	65,599	3/4	55,596	3/4	45,593	3/4	35,590	3/4	25,632	3/4	15,889	3/4	6,155		
6	65,391	6	55,388	6	45,384	6	35,381	6	25,429	6	15,686	6	5,953		
1/4	65,182	1/4	55,179	1/4	45,176	1/4	35,173	1/4	25,226	1/4	15,483	1/4	5,751		
1/2	64,974	1/2	54,971	1/2	44,968	1/2	34,964	1/2	25,023	1/2	15,280	1/2	5,549		
3/4	64,766	3/4	54,762	3/4	44,759	3/4	34,756	3/4	24,820	3/4	15,077	3/4	5,347		
7	64,557	7	54,554	7	44,551	7	34,548	7	24,617	7	14,874	7	5,145		
1/4	64,349	1/4	54,346	1/4	44,342	1/4	34,339	1/4	24,414	1/4	14,671	1/4	4,943		
1/2	64,140	1/2	54,137	1/2	44,134	1/2	34,131	1/2	24,211	1/2	14,468	1/2	4,741		
3/4	63,932	3/4	53,929	3/4	43,926	3/4	33,922	3/4	24,008	3/4	14,265	3/4	4,540		
8	63,724	8	53,720	8	43,717	8	33,714	8	23,805	8	14,062	8	4,338		
1/4	63,515	1/4	53,512	1/4	43,509	1/4	33,506	1/4	23,602	1/4	13,859	1/4	4,136		
1/2	63,307	1/2	53,304	1/2	43,300	1/2	33,297	1/2	23,399	1/2	13,656	1/2	3,935		
3/4	63,098	3/4	53,095	3/4	43,092	3/4	33,089	3/4	23,196	3/4	13,453	3/4	3,733		
9	62,890	9	52,887	9	42,884	9	32,880	9	22,993	9	13,250	9	3,532		
1/4	62,682	1/4	52,678	1/4	42,675	1/4	32,672	1/4	22,790	1/4	13,047	1/4	3,330		
1/2	62,473	1/2	52,470	1/2	42,467	1/2	32,464	1/2	22,587	1/2	12,844	1/2	3,129		
3/4	62,265	3/4	52,262	3/4	42,258	3/4	32,255	3/4	22,384	3/4	12,641	3/4	2,927		
10	62,056	10	52,053	10	42,050	10	32,047	10	22,181	10	12,438	10	2,724		
1/4	61,848	1/4	51,845	1/4	41,842	1/4	31,838	1/4	21,979	1/4	12,235	1/4	2,522		
1/2	61,640	1/2	51,636	1/2	41,633	1/2	31,630	1/2	21,776	1/2	12,032	1/2	2,328		
3/4	61,431	3/4	51,428	3/4	41,425	3/4	31,422	3/4	21,573	3/4	11,829	3/4	2,143		
11	61,223	11	51,220	11	41,216	11	31,213	11	21,370	11	11,626	11	1,958		
1/4	61,014	1/4	51,011	1/4	41,008	1/4	31,005	1/4	21,167	1/4	11,423	1/4	1,773		
1/2	60,806	1/2	50,803	1/2	40,800	1/2	30,796	1/2	20,964	1/2	11,220	1/2	1,605		
3/4	60,598	3/4	50,594	3/4	40,591	3/4	30,588	3/4	20,761	3/4	11,017	3/4	1,454		

GAUGE LOCATED 1'-6" FORWARD OF AFT BULKHEAD, AND 2'-10" OFF CENTERLINE BULKHEAD.

TABLES APPLY ONLY WHEN VESSEL IS ON EVEN KEEL.

RECOMPUTED BY JF 01/25/05 FOR DECK EXTENSION AND GAUGE HEIGHTS.
GAUGE HEIGHTS AND LOCATIONS MEASURED BY LF 01/12/05.
REVISION COMPUTED FROM DRAWINGS AND INFORMATION SUPPLIED BY MARK C SHIFFER.

TANK CAN ONLY BE DECLARED EMPTY BY VISUAL INSPECTION.

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JF 01/25/05

STRAPPED BY: LF 01/12/05

SAYBOLT LP.

O. Endress

SAYBOLT LP.

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

BARGE MOC 9

3 STAR ULLAGE TABLE

GAUGE HEIGHT 17'-3 1/2"

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		0	139,620	0	130,110	0	120,008	0	110,029	0	100,050	0	90,072	0	80,093
1/4		1/4		1/4		1/4	139,503	1/4	129,899	1/4	119,800	1/4	109,821	1/4	99,843	1/4	89,864	1/4	79,885
1/2		1/2		1/2		1/2	139,379	1/2	129,687	1/2	119,592	1/2	109,613	1/2	99,635	1/2	89,656	1/2	79,677
3/4		3/4		3/4		3/4	139,246	3/4	129,475	3/4	119,384	3/4	109,405	3/4	99,427	3/4	89,448	3/4	79,469
1		1		1		1	139,107	1	129,264	1	119,176	1	109,198	1	99,219	1	89,240	1	79,261
1/4		1/4		1/4		1/4	138,959	1/4	129,052	1/4	118,968	1/4	108,990	1/4	99,011	1/4	89,032	1/4	79,054
1/2		1/2		1/2		1/2	138,804	1/2	128,841	1/2	118,761	1/2	108,782	1/2	98,803	1/2	88,824	1/2	78,846
3/4		3/4		3/4		3/4	138,642	3/4	128,629	3/4	118,553	3/4	108,574	3/4	98,595	3/4	88,616	3/4	78,638
2		2		2		2	138,472	2	128,417	2	118,345	2	108,366	2	98,387	2	88,409	2	78,430
1/4		1/4		1/4		1/4	138,294	1/4	128,206	1/4	118,137	1/4	108,158	1/4	98,179	1/4	88,201	1/4	78,222
1/2		1/2		1/2		1/2	138,109	1/2	127,994	1/2	117,929	1/2	107,950	1/2	97,972	1/2	87,993	1/2	78,014
3/4		3/4		3/4		3/4	137,916	3/4	127,782	3/4	117,721	3/4	107,742	3/4	97,764	3/4	87,785	3/4	77,806
3		3		3		3	137,716	3	127,571	3	117,513	3	107,534	3	97,556	3	87,577	3	77,598
1/4		1/4		1/4		1/4	137,508	1/4	127,359	1/4	117,305	1/4	107,327	1/4	97,348	1/4	87,369	1/4	77,390
1/2		1/2		1/2		1/2	137,299	1/2	127,147	1/2	117,097	1/2	107,119	1/2	97,140	1/2	87,161	1/2	77,183
3/4		3/4		3/4		3/4	137,089	3/4	126,936	3/4	116,890	3/4	106,911	3/4	96,932	3/4	86,953	3/4	76,975
4		4		4		4	136,878	4	126,724	4	116,682	4	106,703	4	96,724	4	86,745	4	76,767
1/4		1/4		1/4		1/4	136,668	1/4	126,512	1/4	116,474	1/4	106,495	1/4	96,516	1/4	86,538	1/4	76,559
1/2		1/2		1/2		1/2	136,457	1/2	126,301	1/2	116,266	1/2	106,287	1/2	96,308	1/2	86,330	1/2	76,351
3/4		3/4		3/4		3/4	136,246	3/4	126,089	3/4	116,058	3/4	106,079	3/4	96,101	3/4	86,122	3/4	76,143
5		5		5		5	136,035	5	125,878	5	115,850	5	105,871	5	95,893	5	85,914	5	75,935
1/4		1/4		1/4		1/4	135,824	1/4	125,666	1/4	115,642	1/4	105,663	1/4	95,685	1/4	85,706	1/4	75,727
1/2		1/2		1/2		1/2	135,612	1/2	125,454	1/2	115,434	1/2	105,456	1/2	95,477	1/2	85,498	1/2	75,519
3/4		3/4		3/4		3/4	135,401	3/4	125,243	3/4	115,226	3/4	105,248	3/4	95,269	3/4	85,290	3/4	75,312
6		6		6		6	135,189	6	125,031	6	115,019	6	105,040	6	95,061	6	85,082	6	75,104
1/4		1/4		1/4		1/4	134,978	1/4	124,819	1/4	114,811	1/4	104,832	1/4	94,853	1/4	84,874	1/4	74,896
1/2		1/2		1/2		1/2	134,766	1/2	124,608	1/2	114,603	1/2	104,624	1/2	94,645	1/2	84,667	1/2	74,688
3/4		3/4		3/4		3/4	134,555	3/4	124,396	3/4	114,395	3/4	104,416	3/4	94,437	3/4	84,459	3/4	74,480
7		7		7		7	134,343	7	124,184	7	114,187	7	104,208	7	94,230	7	84,251	7	74,272
1/4		1/4		1/4		1/4	134,132	1/4	123,973	1/4	113,979	1/4	104,000	1/4	94,022	1/4	84,043	1/4	74,064
1/2		1/2		1/2		1/2	133,920	1/2	123,761	1/2	113,771	1/2	103,792	1/2	93,814	1/2	83,835	1/2	73,856
3/4		3/4		3/4		3/4	133,708	3/4	123,550	3/4	113,563	3/4	103,585	3/4	93,606	3/4	83,627	3/4	73,648
8		8		8		8	133,497	8	123,338	8	113,355	8	103,377	8	93,398	8	83,419	8	73,441
1/4		1/4		1/4		1/4	140,470	1/4	133,285	1/4	123,126	1/4	113,148	1/4	103,169	1/4	93,190	1/4	83,211
1/2		1/2		1/2		1/2	140,466	1/2	133,073	1/2	122,918	1/2	112,940	1/2	102,961	1/2	92,982	1/2	83,003
3/4		3/4		3/4		3/4	140,455	3/4	132,862	3/4	122,710	3/4	112,732	3/4	102,753	3/4	92,774	3/4	82,796
9		9		9		9	140,436	9	132,650	9	122,503	9	112,524	9	102,545	9	92,566	9	82,588
1/4		1/4		1/4		1/4	140,410	1/4	132,438	1/4	122,295	1/4	112,316	1/4	102,337	1/4	92,359	1/4	82,380
1/2		1/2		1/2		1/2	140,376	1/2	132,227	1/2	122,087	1/2	112,108	1/2	102,129	1/2	92,151	1/2	82,172
3/4		3/4		3/4		3/4	140,334	3/4	132,015	3/4	121,879	3/4	111,900	3/4	101,921	3/4	91,943	3/4	81,964
10		10		10		10	140,285	10	131,803	10	121,671	10	111,692	10	101,714	10	91,735	10	81,756
1/4		1/4		1/4		1/4	140,228	1/4	131,592	1/4	121,463	1/4	111,484	1/4	101,506	1/4	91,527	1/4	81,548
1/2		1/2		1/2		1/2	140,164	1/2	131,380	1/2	121,255	1/2	111,276	1/2	101,298	1/2	91,319	1/2	81,340
3/4		3/4		3/4		3/4	140,093	3/4	131,169	3/4	121,047	3/4	111,069	3/4	101,090	3/4	91,111	3/4	81,132
11		11		11		11	140,013	11	130,957	11	120,839	11	110,861	11	100,882	11	90,903	11	80,925
1/4		1/4		1/4		1/4	139,926	1/4	130,745	1/4	120,632	1/4	110,653	1/4	100,674	1/4	90,695	1/4	80,717
1/2		1/2		1/2		1/2	139,832	1/2	130,534	1/2	120,424	1/2	110,445	1/2	100,466	1/2	90,487	1/2	80,509
3/4		3/4		3/4		3/4	139,730	3/4	130,322	3/4	120,216	3/4	110,237	3/4	100,258	3/4	90,280	3/4	80,301

GAUGE LOCATED 1'-6" FORWARD OF AFT BULKHEAD, AND 3'-3" OFF CENTERLINE BULKHEAD.

TABLES APPLY ONLY WHEN VESSEL IS ON EVEN KEEL.

RECOMPUTED BY JF 01/25/05 FOR DECK EXTENSION AND GAUGE HEIGHTS.
GAUGE HEIGHTS AND LOCATIONS MEASURED BY LF 01/12/05.
REVISION COMPUTED FROM DRAWINGS AND INFORMATION SUPPLIED BY MARK C SHIFFER.
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CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JF 01/25/05
STRAPPED BY: LF 01/12/05

SAYBOLT LP.

O. Endress

SAYBOLT LP.

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

BARGE MOC 9

3 STAR
ULLAGE TABLE

GAUGE HEIGHT 17'-3 1/2"

COMPUTED IN U. S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.
0	70,114	0	60,136	0	50,157	0	40,178	0	30,199	0	20,405	0	10,686	0	1,224
1/4	69,906	1/4	59,928	1/4	49,949	1/4	39,970	1/4	29,992	1/4	20,202	1/4	10,483	1/4	1,073
1/2	69,698	1/2	59,720	1/2	49,741	1/2	39,762	1/2	29,784	1/2	20,000	1/2	10,281	1/2	956
3/4	69,491	3/4	59,512	3/4	49,533	3/4	39,554	3/4	29,576	3/4	19,797	3/4	10,078	3/4	838
1	69,283	1	59,304	1	49,325	1	39,347	1	29,368	1	19,595	1	9,876	1	721
1/4	69,075	1/4	59,096	1/4	49,117	1/4	39,139	1/4	29,160	1/4	19,392	1/4	9,673	1/4	603
1/2	68,867	1/2	58,888	1/2	48,909	1/2	38,931	1/2	28,952	1/2	19,190	1/2	9,471	1/2	520
3/4	68,659	3/4	58,680	3/4	48,702	3/4	38,723	3/4	28,744	3/4	18,987	3/4	9,268	3/4	436
2	68,451	2	58,472	2	48,494	2	38,515	2	28,536	2	18,785	2	9,066	2	352
1/4	68,243	1/4	58,265	1/4	48,286	1/4	38,307	1/4	28,328	1/4	18,582	1/4	8,863	1/4	268
1/2	68,035	1/2	58,057	1/2	48,078	1/2	38,099	1/2	28,120	1/2	18,380	1/2	8,661	1/2	218
3/4	67,827	3/4	57,849	3/4	47,870	3/4	37,891	3/4	27,913	3/4	18,177	3/4	8,458	3/4	168
3	67,620	3	57,641	3	47,662	3	37,683	3	27,705	3	17,975	3	8,256	3	117
1/4	67,412	1/4	57,433	1/4	47,454	1/4	37,476	1/4	27,497	1/4	17,772	1/4	8,053	1/4	67
1/2	67,204	1/2	57,225	1/2	47,246	1/2	37,268	1/2	27,289	1/2	17,570	1/2	7,851	1/2	50
3/4	66,996	3/4	57,017	3/4	47,038	3/4	37,060	3/4	27,086	3/4	17,367	3/4	7,649		
4	66,788	4	56,809	4	46,831	4	36,852	4	26,884	4	17,165	4	7,448		
1/4	66,580	1/4	56,601	1/4	46,623	1/4	36,644	1/4	26,681	1/4	16,962	1/4	7,247		
1/2	66,372	1/2	56,394	1/2	46,415	1/2	36,436	1/2	26,479	1/2	16,760	1/2	7,045		
3/4	66,164	3/4	56,186	3/4	46,207	3/4	36,228	3/4	26,277	3/4	16,557	3/4	6,844		
5	65,956	5	55,978	5	45,999	5	36,020	5	26,074	5	16,355	5	6,642		
1/4	65,749	1/4	55,770	1/4	45,791	1/4	35,812	1/4	25,872	1/4	16,153	1/4	6,441		
1/2	65,541	1/2	55,562	1/2	45,583	1/2	35,605	1/2	25,669	1/2	15,950	1/2	6,240		
3/4	65,333	3/4	55,354	3/4	45,375	3/4	35,397	3/4	25,467	3/4	15,748	3/4	6,038		
6	65,125	6	55,146	6	45,167	6	35,189	6	25,264	6	15,545	6	5,837		
1/4	64,917	1/4	54,938	1/4	44,960	1/4	34,981	1/4	25,062	1/4	15,343	1/4	5,635		
1/2	64,709	1/2	54,730	1/2	44,752	1/2	34,773	1/2	24,859	1/2	15,140	1/2	5,434		
3/4	64,501	3/4	54,523	3/4	44,544	3/4	34,565	3/4	24,657	3/4	14,938	3/4	5,233		
7	64,293	7	54,315	7	44,336	7	34,357	7	24,454	7	14,735	7	5,031		
1/4	64,085	1/4	54,107	1/4	44,128	1/4	34,149	1/4	24,252	1/4	14,533	1/4	4,830		
1/2	63,878	1/2	53,899	1/2	43,920	1/2	33,941	1/2	24,049	1/2	14,330	1/2	4,628		
3/4	63,670	3/4	53,691	3/4	43,712	3/4	33,734	3/4	23,847	3/4	14,128	3/4	4,427		
8	63,462	8	53,483	8	43,504	8	33,526	8	23,644	8	13,925	8	4,226		
1/4	63,254	1/4	53,275	1/4	43,296	1/4	33,318	1/4	23,442	1/4	13,723	1/4	4,025		
1/2	63,046	1/2	53,067	1/2	43,089	1/2	33,110	1/2	23,239	1/2	13,520	1/2	3,824		
3/4	62,838	3/4	52,859	3/4	42,881	3/4	32,902	3/4	23,037	3/4	13,318	3/4	3,623		
9	62,630	9	52,652	9	42,673	9	32,694	9	22,834	9	13,115	9	3,422		
1/4	62,422	1/4	52,444	1/4	42,465	1/4	32,486	1/4	22,632	1/4	12,913	1/4	3,221		
1/2	62,214	1/2	52,236	1/2	42,257	1/2	32,278	1/2	22,429	1/2	12,710	1/2	3,020		
3/4	62,007	3/4	52,028	3/4	42,049	3/4	32,070	3/4	22,227	3/4	12,508	3/4	2,818		
10	61,799	10	51,820	10	41,841	10	31,863	10	22,024	10	12,305	10	2,616		
1/4	61,591	1/4	51,612	1/4	41,633	1/4	31,655	1/4	21,822	1/4	12,103	1/4	2,414		
1/2	61,383	1/2	51,404	1/2	41,425	1/2	31,447	1/2	21,619	1/2	11,900	1/2	2,230		
3/4	61,175	3/4	51,196	3/4	41,218	3/4	31,239	3/4	21,417	3/4	11,698	3/4	2,045		
11	60,967	11	50,988	11	41,010	11	31,031	11	21,215	11	11,495	11	1,861		
1/4	60,759	1/4	50,781	1/4	40,802	1/4	30,823	1/4	21,012	1/4	11,293	1/4	1,676		
1/2	60,551	1/2	50,573	1/2	40,594	1/2	30,615	1/2	20,810	1/2	11,091	1/2	1,526		
3/4	60,343	3/4	50,365	3/4	40,386	3/4	30,407	3/4	20,607	3/4	10,888	3/4	1,375		

GAUGE LOCATED 1'-6" FORWARD OF AFT BULKHEAD, AND 3'-3" OFF CENTERLINE BULKHEAD.

TABLES APPLY ONLY WHEN VESSEL IS ON EVEN KEEL.

RECOMPUTED BY JF 01/25/05 FOR DECK EXTENSION AND GAUGE HEIGHTS.
GAUGE HEIGHTS AND LOCATIONS MEASURED BY LF 01/12/05.
REVISION COMPUTED FROM DRAWINGS AND INFORMATION SUPPLIED BY MARK C SHIFFER.
TANK CAN ONLY BE DECLARED EMPTY BY VISUAL INSPECTION.

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JF 01/25/05
STRAPPED BY: LF 01/12/05

SAYBOLT LP.

O. Endress

SAYBOLT LP.

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

BARGE MOC

9

4 PORT

ULLAGE TABLE

GAUGE HEIGHT 17'-4 1/4"

COMPUTED IN U. S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	164,826	0	159,387	0	153,576	0	142,058	0	129,222	0	116,389	0	103,559
1/4		1/4		1/4		1/4	164,759	1/4	159,266	1/4	153,455	1/4	141,790	1/4	128,955	1/4	116,121	1/4	103,291
1/2		1/2		1/2		1/2	164,688	1/2	159,145	1/2	153,334	1/2	141,523	1/2	128,687	1/2	115,854	1/2	103,024
3/4		3/4		3/4		3/4	164,612	3/4	159,023	3/4	153,213	3/4	141,256	3/4	128,420	3/4	115,587	3/4	102,757
1		1		1		1	164,532	1	158,902	1	153,092	1	140,988	1	128,152	1	115,320	1	102,490
1/4		1/4		1/4		1/4	164,448	1/4	158,781	1/4	152,971	1/4	140,721	1/4	127,885	1/4	115,052	1/4	102,222
1/2		1/2		1/2		1/2	164,359	1/2	158,660	1/2	152,850	1/2	140,453	1/2	127,618	1/2	114,785	1/2	101,955
3/4		3/4		3/4		3/4	164,266	3/4	158,539	3/4	152,729	3/4	140,186	3/4	127,350	3/4	114,518	3/4	101,688
2		2		2		2	164,169	2	158,418	2	152,608	2	139,918	2	127,083	2	114,250	2	101,420
1/4		1/4		1/4		1/4	164,067	1/4	158,297	1/4	152,487	1/4	139,651	1/4	126,815	1/4	113,983	1/4	101,153
1/2		1/2		1/2		1/2	163,962	1/2	158,176	1/2	152,219	1/2	139,384	1/2	126,548	1/2	113,716	1/2	100,886
3/4		3/4		3/4		3/4	163,851	3/4	158,055	3/4	151,952	3/4	139,116	3/4	126,281	3/4	113,448	3/4	100,619
3		3		3		3	163,737	3	157,934	3	151,685	3	138,849	3	126,013	3	113,181	3	100,351
1/4		1/4		1/4		1/4	163,618	1/4	157,813	1/4	151,417	1/4	138,581	1/4	125,746	1/4	112,914	1/4	100,084
1/2		1/2		1/2		1/2	163,498	1/2	157,692	1/2	151,150	1/2	138,314	1/2	125,478	1/2	112,647	1/2	99,817
3/4		3/4		3/4		3/4	163,378	3/4	157,571	3/4	150,882	3/4	138,047	3/4	125,211	3/4	112,379	3/4	99,549
4		4		4		4	163,258	4	157,450	4	150,615	4	137,779	4	124,944	4	112,112	4	99,282
1/4		1/4		1/4		1/4	163,137	1/4	157,329	1/4	150,347	1/4	137,512	1/4	124,676	1/4	111,845	1/4	99,015
1/2		1/2		1/2		1/2	163,017	1/2	157,208	1/2	150,080	1/2	137,244	1/2	124,409	1/2	111,577	1/2	98,748
3/4		3/4		3/4		3/4	162,896	3/4	157,087	3/4	149,813	3/4	136,977	3/4	124,141	3/4	111,310	3/4	98,480
5		5		5		5	162,775	5	156,966	5	149,545	5	136,710	5	123,874	5	111,043	5	98,213
1/4		1/4		1/4		1/4	162,654	1/4	156,845	1/4	149,278	1/4	136,442	1/4	123,606	1/4	110,776	1/4	97,946
1/2		1/2		1/2		1/2	162,534	1/2	156,724	1/2	149,010	1/2	136,175	1/2	123,339	1/2	110,508	1/2	97,678
3/4		3/4		3/4		3/4	162,413	3/4	156,602	3/4	148,743	3/4	135,907	3/4	123,072	3/4	110,241	3/4	97,411
6		6		6		6	162,292	6	156,481	6	148,476	6	135,640	6	122,804	6	109,974	6	97,144
1/4		1/4		1/4		1/4	162,171	1/4	156,360	1/4	148,208	1/4	135,373	1/4	122,537	1/4	109,706	1/4	96,877
1/2		1/2		1/2		1/2	162,050	1/2	156,239	1/2	147,941	1/2	135,105	1/2	122,269	1/2	109,439	1/2	96,609
3/4		3/4		3/4		3/4	161,929	3/4	156,118	3/4	147,673	3/4	134,838	3/4	122,002	3/4	109,172	3/4	96,342
7		7		7		7	161,808	7	155,997	7	147,406	7	134,570	7	121,735	7	108,905	7	96,075
1/4		1/4		1/4		1/4	161,687	1/4	155,876	1/4	147,139	1/4	134,303	1/4	121,467	1/4	108,637	1/4	95,807
1/2		1/2		1/2		1/2	161,566	1/2	155,755	1/2	146,871	1/2	134,035	1/2	121,200	1/2	108,370	1/2	95,540
3/4		3/4		3/4		3/4	161,444	3/4	155,634	3/4	146,604	3/4	133,768	3/4	120,933	3/4	108,103	3/4	95,273
8		8		8		8	161,323	8	155,513	8	146,336	8	133,501	8	120,665	8	107,835	8	95,005
1/4		1/4		1/4		1/4	161,202	1/4	155,392	1/4	146,069	1/4	133,233	1/4	120,398	1/4	107,568	1/4	94,738
1/2		1/2		1/2		1/2	161,081	1/2	155,271	1/2	145,802	1/2	132,966	1/2	120,131	1/2	107,301	1/2	94,471
3/4		3/4		3/4		3/4	160,960	3/4	155,150	3/4	145,534	3/4	132,698	3/4	119,863	3/4	107,034	3/4	94,204
9		9		9		9	160,839	9	155,029	9	145,267	9	132,431	9	119,596	9	106,766	9	93,936
1/4		1/4		1/4		1/4	160,718	1/4	154,908	1/4	144,999	1/4	132,164	1/4	119,329	1/4	106,499	1/4	93,669
1/2		1/2		1/2		1/2	160,597	1/2	154,787	1/2	144,732	1/2	131,896	1/2	119,062	1/2	106,232	1/2	93,402
3/4		3/4		3/4		3/4	160,476	3/4	154,666	3/4	144,464	3/4	131,629	3/4	118,794	3/4	105,964	3/4	93,134
10		10		10		10	160,355	10	154,545	10	144,197	10	131,361	10	118,527	10	105,697	10	92,867
1/4		1/4		1/4		1/4	160,234	1/4	154,424	1/4	143,930	1/4	131,094	1/4	118,260	1/4	105,430	1/4	92,600
1/2		1/2		1/2		1/2	160,113	1/2	154,303	1/2	143,662	1/2	130,827	1/2	117,992	1/2	105,163	1/2	92,333
3/4		3/4		3/4		3/4	160,006	3/4	154,181	3/4	143,395	3/4	130,559	3/4	117,725	3/4	104,895	3/4	92,065
11		11		11		11	160,050	11	154,060	11	143,127	11	130,292	11	117,458	11	104,628	11	91,798
1/4		1/4		1/4		1/4	160,001	1/4	153,939	1/4	142,860	1/4	130,024	1/4	117,191	1/4	104,361	1/4	91,531
1/2		1/2		1/2		1/2	160,047	1/2	153,818	1/2	142,593	1/2	129,757	1/2	116,923	1/2	104,093	1/2	91,263
3/4		3/4		3/4		3/4	160,089	3/4	153,697	3/4	142,325	3/4	129,489	3/4	116,656	3/4	103,826	3/4	90,996

GAUGE LOCATED 1'-6" AFT OF FORWARD BULKHEAD, AND 2'-10" OFF CENTERLINE BULKHEAD.

TABLES APPLY ONLY WHEN VESSEL IS ON EVEN KEEL.

RECOMPUTED BY JF 01/25/05 FOR DECK EXTENSION AND GAUGE HEIGHTS.
GAUGE HEIGHTS AND LOCATIONS MEASURED BY LF 01/12/05.
REVISION COMPUTED FROM DRAWINGS AND INFORMATION SUPPLIED BY MARK C SHIFFER.
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CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: JF 01/25/05
STRAPPED BY: LF 01/12/05

SAYBOLT LP.

O. Endress

SAYBOLT LP.

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

BARGE MOC

9

4 PORT ULLAGE TABLE

GAUGE HEIGHT 17'-4 1/4"

COMPUTED IN U. S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.
0	90,729	0	77,899	0	65,069	0	52,239	0	39,409	0	26,747	0	14,229	0	2,121
1/4	90,462	1/4	77,632	1/4	64,802	1/4	51,972	1/4	39,142	1/4	26,485	1/4	13,974	1/4	1,930
1/2	90,194	1/2	77,364	1/2	64,534	1/2	51,705	1/2	38,875	1/2	26,224	1/2	13,720	1/2	1,739
3/4	89,927	3/4	77,097	3/4	64,267	3/4	51,437	3/4	38,607	3/4	25,962	3/4	13,465	3/4	1,548
1	89,660	1	76,830	1	64,000	1	51,170	1	38,340	1	25,700	1	13,211	1	1,357
1/4	89,392	1/4	76,562	1/4	63,733	1/4	50,903	1/4	38,073	1/4	25,438	1/4	12,956	1/4	1,209
1/2	89,125	1/2	76,295	1/2	63,465	1/2	50,635	1/2	37,805	1/2	25,176	1/2	12,702	1/2	1,061
3/4	88,858	3/4	76,028	3/4	63,198	3/4	50,368	3/4	37,538	3/4	24,914	3/4	12,447	3/4	912
2	88,591	2	75,761	2	62,931	2	50,101	2	37,271	2	24,652	2	12,193	2	764
1/4	88,323	1/4	75,493	1/4	62,663	1/4	49,833	1/4	37,004	1/4	24,390	1/4	11,938	1/4	658
1/2	88,056	1/2	75,226	1/2	62,396	1/2	49,566	1/2	36,736	1/2	24,129	1/2	11,684	1/2	551
3/4	87,789	3/4	74,959	3/4	62,129	3/4	49,299	3/4	36,469	3/4	23,867	3/4	11,429	3/4	445
3	87,521	3	74,691	3	61,862	3	49,032	3	36,202	3	23,605	3	11,175	3	339
1/4	87,254	1/4	74,424	1/4	61,594	1/4	48,764	1/4	35,934	1/4	23,343	1/4	10,920	1/4	276
1/2	86,987	1/2	74,157	1/2	61,327	1/2	48,497	1/2	35,667	1/2	23,081	1/2	10,665	1/2	212
3/4	86,719	3/4	73,890	3/4	61,060	3/4	48,230	3/4	35,400	3/4	22,819	3/4	10,411	3/4	148
4	86,452	4	73,622	4	60,792	4	47,962	4	35,133	4	22,557	4	10,156	4	85
1/4	86,185	1/4	73,355	1/4	60,525	1/4	47,695	1/4	34,865	1/4	22,295	1/4	9,902	1/4	64
1/2	85,918	1/2	73,088	1/2	60,258	1/2	47,428	1/2	34,603	1/2	22,034	1/2	9,649		
3/4	85,650	3/4	72,820	3/4	59,990	3/4	47,161	3/4	34,341	3/4	21,772	3/4	9,395		
5	85,383	5	72,553	5	59,723	5	46,893	5	34,080	5	21,510	5	9,142		
1/4	85,116	1/4	72,286	1/4	59,456	1/4	46,626	1/4	33,818	1/4	21,248	1/4	8,889		
1/2	84,848	1/2	72,019	1/2	59,189	1/2	46,359	1/2	33,556	1/2	20,986	1/2	8,635		
3/4	84,581	3/4	71,751	3/4	58,921	3/4	46,091	3/4	33,294	3/4	20,724	3/4	8,382		
6	84,314	6	71,484	6	58,654	6	45,824	6	33,032	6	20,462	6	8,129		
1/4	84,047	1/4	71,217	1/4	58,387	1/4	45,557	1/4	32,770	1/4	20,201	1/4	7,875		
1/2	83,779	1/2	70,949	1/2	58,119	1/2	45,290	1/2	32,508	1/2	19,939	1/2	7,622		
3/4	83,512	3/4	70,682	3/4	57,852	3/4	45,022	3/4	32,247	3/4	19,677	3/4	7,369		
7	83,245	7	70,415	7	57,585	7	44,755	7	31,985	7	19,415	7	7,115		
1/4	82,977	1/4	70,148	1/4	57,318	1/4	44,488	1/4	31,723	1/4	19,153	1/4	6,862		
1/2	82,710	1/2	69,880	1/2	57,050	1/2	44,220	1/2	31,461	1/2	18,891	1/2	6,609		
3/4	82,443	3/4	69,613	3/4	56,783	3/4	43,953	3/4	31,199	3/4	18,629	3/4	6,356		
8	82,176	8	69,346	8	56,516	8	43,686	8	30,937	8	18,367	8	6,102		
1/4	81,908	1/4	69,078	1/4	56,248	1/4	43,419	1/4	30,675	1/4	18,106	1/4	5,849		
1/2	81,641	1/2	68,811	1/2	55,981	1/2	43,151	1/2	30,413	1/2	17,844	1/2	5,595		
3/4	81,374	3/4	68,544	3/4	55,714	3/4	42,884	3/4	30,152	3/4	17,582	3/4	5,341		
9	81,106	9	68,276	9	55,447	9	42,617	9	29,890	9	17,320	9	5,087		
1/4	80,839	1/4	68,009	1/4	55,179	1/4	42,349	1/4	29,628	1/4	17,058	1/4	4,833		
1/2	80,572	1/2	67,742	1/2	54,912	1/2	42,082	1/2	29,366	1/2	16,796	1/2	4,580		
3/4	80,305	3/4	67,475	3/4	54,645	3/4	41,815	3/4	29,104	3/4	16,534	3/4	4,326		
10	80,037	10	67,207	10	54,377	10	41,547	10	28,842	10	16,272	10	4,072		
1/4	79,770	1/4	66,940	1/4	54,110	1/4	41,280	1/4	28,580	1/4	16,011	1/4	3,818		
1/2	79,503	1/2	66,673	1/2	53,843	1/2	41,013	1/2	28,318	1/2	15,756	1/2	3,563		
3/4	79,235	3/4	66,405	3/4	53,576	3/4	40,746	3/4	28,057	3/4	15,502	3/4	3,309		
11	78,968	11	66,138	11	53,308	11	40,478	11	27,795	11	15,247	11	3,054		
1/4	78,701	1/4	65,871	1/4	53,041	1/4	40,211	1/4	27,533	1/4	14,992	1/4	2,821		
1/2	78,434	1/2	65,604	1/2	52,774	1/2	39,944	1/2	27,271	1/2	14,738	1/2	2,588		
3/4	78,166	3/4	65,336	3/4	52,506	3/4	39,676	3/4	27,009	3/4	14,483	3/4	2,354		

GAUGE LOCATED 1'-6" AFT OF FORWARD BULKHEAD, AND 2'-10" OFF CENTERLINE BULKHEAD.

TABLES APPLY ONLY WHEN VESSEL IS ON EVEN KEEL.

RECOMPUTED BY JF 01/25/05 FOR DECK EXTENSION AND GAUGE HEIGHTS.
GAUGE HEIGHTS AND LOCATIONS MEASURED BY LF 01/12/05.
REVISION COMPUTED FROM DRAWINGS AND INFORMATION SUPPLIED BY MARK C SHIFFER.

TANK CAN ONLY BE DECLARED EMPTY BY VISUAL INSPECTION.

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JF 01/25/05

STRAPPED BY: LF 01/12/05

SAYBOLT LP.

O. Endres

SAYBOLT LP.

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

BARGE MOC

9

4 STAR

ULLAGE TABLE

GAUGE HEIGHT 17'-4"

COMPUTED IN U. S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	164,636	0	159,142	0	153,332	0	141,674	0	128,847	0	116,023	0	103,202
1/4		1/4		1/4		1/4	164,564	1/4	159,021	1/4	153,211	1/4	141,407	1/4	128,580	1/4	115,756	1/4	102,935
1/2		1/2		1/2		1/2	164,489	1/2	158,900	1/2	153,090	1/2	141,140	1/2	128,313	1/2	115,489	1/2	102,668
3/4		3/4		3/4		3/4	164,409	3/4	158,779	3/4	152,969	3/4	140,873	3/4	128,046	3/4	115,222	3/4	102,401
1		1		1		1	164,325	1	158,658	1	152,848	1	140,605	1	127,778	1	114,954	1	102,134
1/4		1/4		1/4		1/4	164,236	1/4	158,537	1/4	152,727	1/4	140,338	1/4	127,511	1/4	114,687	1/4	101,867
1/2		1/2		1/2		1/2	164,143	1/2	158,416	1/2	152,606	1/2	140,071	1/2	127,244	1/2	114,420	1/2	101,599
3/4		3/4		3/4		3/4	164,046	3/4	158,295	3/4	152,485	3/4	139,804	3/4	126,977	3/4	114,153	3/4	101,332
2		2		2		2	163,944	2	158,174	2	152,363	2	139,536	2	126,709	2	113,886	2	101,065
1/4		1/4		1/4		1/4	163,838	1/4	158,053	1/4	152,096	1/4	139,269	1/4	126,442	1/4	113,619	1/4	100,798
1/2		1/2		1/2		1/2	163,728	1/2	157,932	1/2	151,829	1/2	139,002	1/2	126,175	1/2	113,352	1/2	100,531
3/4		3/4		3/4		3/4	163,614	3/4	157,811	3/4	151,562	3/4	138,735	3/4	125,908	3/4	113,085	3/4	100,264
3		3		3		3	163,495	3	157,690	3	151,295	3	138,468	3	125,640	3	112,818	3	99,997
1/4		1/4		1/4		1/4	163,375	1/4	157,569	1/4	151,027	1/4	138,200	1/4	125,373	1/4	112,551	1/4	99,730
1/2		1/2		1/2		1/2	163,255	1/2	157,448	1/2	150,760	1/2	137,933	1/2	125,106	1/2	112,283	1/2	99,463
3/4		3/4		3/4		3/4	163,134	3/4	157,327	3/4	150,493	3/4	137,666	3/4	124,839	3/4	112,016	3/4	99,196
4		4		4		4	163,014	4	157,205	4	150,226	4	137,399	4	124,572	4	111,749	4	98,928
1/4		1/4		1/4		1/4	162,893	1/4	157,084	1/4	149,958	1/4	137,131	1/4	124,304	1/4	111,482	1/4	98,661
1/2		1/2		1/2		1/2	162,773	1/2	156,963	1/2	149,691	1/2	136,864	1/2	124,037	1/2	111,215	1/2	98,394
3/4		3/4		3/4		3/4	162,652	3/4	156,842	3/4	149,424	3/4	136,597	3/4	123,770	3/4	110,948	3/4	98,127
5		5		5		5	162,531	5	156,721	5	149,157	5	136,330	5	123,503	5	110,681	5	97,860
1/4		1/4		1/4		1/4	162,410	1/4	156,600	1/4	148,890	1/4	136,062	1/4	123,235	1/4	110,414	1/4	97,593
1/2		1/2		1/2		1/2	162,289	1/2	156,479	1/2	148,622	1/2	135,795	1/2	122,968	1/2	110,147	1/2	97,326
3/4		3/4		3/4		3/4	162,168	3/4	156,358	3/4	148,355	3/4	135,528	3/4	122,701	3/4	109,880	3/4	97,059
6		6		6		6	162,047	6	156,237	6	148,088	6	135,261	6	122,434	6	109,612	6	96,792
1/4		1/4		1/4		1/4	161,926	1/4	156,116	1/4	147,821	1/4	134,994	1/4	122,167	1/4	109,345	1/4	96,525
1/2		1/2		1/2		1/2	161,805	1/2	155,995	1/2	147,553	1/2	134,726	1/2	121,899	1/2	109,078	1/2	96,257
3/4		3/4		3/4		3/4	161,684	3/4	155,874	3/4	147,286	3/4	134,459	3/4	121,632	3/4	108,811	3/4	95,990
7		7		7		7	161,563	7	155,753	7	147,019	7	134,192	7	121,365	7	108,544	7	95,723
1/4		1/4		1/4		1/4	161,442	1/4	155,632	1/4	146,752	1/4	133,925	1/4	121,098	1/4	108,277	1/4	95,456
1/2		1/2		1/2		1/2	161,321	1/2	155,511	1/2	146,484	1/2	133,657	1/2	120,831	1/2	108,010	1/2	95,189
3/4		3/4		3/4		3/4	161,200	3/4	155,390	3/4	146,217	3/4	133,390	3/4	120,564	3/4	107,743	3/4	94,922
8		8		8	165,188	8	161,079	8	155,269	8	145,950	8	133,123	8	120,296	8	107,476	8	94,655
1/4		1/4		1/4	165,186	1/4	160,958	1/4	155,148	1/4	145,683	1/4	132,856	1/4	120,029	1/4	107,209	1/4	94,388
1/2		1/2		1/2	165,179	1/2	160,837	1/2	155,027	1/2	145,416	1/2	132,588	1/2	119,762	1/2	106,941	1/2	94,121
3/4		3/4		3/4	165,169	3/4	160,716	3/4	154,906	3/4	145,148	3/4	132,321	3/4	119,495	3/4	106,674	3/4	93,854
9		9		9	165,154	9	160,595	9	154,784	9	144,881	9	132,054	9	119,228	9	106,407	9	93,586
1/4		1/4		1/4	165,134	1/4	160,474	1/4	154,663	1/4	144,614	1/4	131,787	1/4	118,961	1/4	106,140	1/4	93,319
1/2		1/2		1/2	165,111	1/2	160,353	1/2	154,542	1/2	144,347	1/2	131,520	1/2	118,694	1/2	105,873	1/2	93,052
3/4		3/4		3/4	165,082	3/4	160,232	3/4	154,421	3/4	144,079	3/4	131,252	3/4	118,427	3/4	105,606	3/4	92,785
10		10		10	165,050	10	160,111	10	154,300	10	143,812	10	130,985	10	118,160	10	105,339	10	92,518
1/4		1/4		1/4	165,013	1/4	159,990	1/4	154,179	1/4	143,545	1/4	130,718	1/4	117,893	1/4	105,072	1/4	92,251
1/2		1/2		1/2	164,972	1/2	159,869	1/2	154,058	1/2	143,278	1/2	130,451	1/2	117,625	1/2	104,805	1/2	91,984
3/4		3/4		3/4	164,927	3/4	159,748	3/4	153,937	3/4	143,010	3/4	130,183	3/4	117,358	3/4	104,538	3/4	91,717
11		11		11	164,878	11	159,626	11	153,816	11	142,743	11	129,916	11	117,091	11	104,270	11	91,450
1/4		1/4		1/4	164,824	1/4	159,505	1/4	153,695	1/4	142,476	1/4	129,649	1/4	116,824	1/4	104,003	1/4	91,183
1/2		1/2		1/2	164,765	1/2	159,384	1/2	153,574	1/2	142,209	1/2	129,382	1/2	116,557	1/2	103,736	1/2	90,915
3/4		3/4		3/4	164,703	3/4	159,263	3/4	153,453	3/4	141,942	3/4	129,114	3/4	116,290	3/4	103,469	3/4	90,648

GAUGE LOCATED 1'-6" AFT OF FORWARD BULKHEAD, AND 3'-3" OFF CENTERLINE BULKHEAD.

TABLES APPLY ONLY WHEN VESSEL IS ON EVEN KEEL.

RECOMPUTED BY JF 01/25/05 FOR DECK EXTENSION AND GAUGE HEIGHTS.
GAUGE HEIGHTS AND LOCATIONS MEASURED BY LF 01/12/05.
REVISION COMPUTED FROM DRAWINGS AND INFORMATION SUPPLIED BY MARK C SHIFFER.
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CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: JF 01/25/05
STRAPPED BY: LF 01/12/05

SAYBOLT LP.

O. Endress

SAYBOLT LP.

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

BARGE MOC

9

4 STAR
ULLAGE TABLE

GAUGE HEIGHT 17'-4"

COMPUTED IN U. S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.
0	90,381	0	77,560	0	64,740	0	51,919	0	39,098	0	26,450	0	13,948	0	1,929
1/4	90,114	1/4	77,293	1/4	64,473	1/4	51,652	1/4	38,831	1/4	26,189	1/4	13,694	1/4	1,738
1/2	89,847	1/2	77,026	1/2	64,205	1/2	51,385	1/2	38,564	1/2	25,927	1/2	13,439	1/2	1,547
3/4	89,580	3/4	76,759	3/4	63,938	3/4	51,118	3/4	38,297	3/4	25,665	3/4	13,185	3/4	1,357
1	89,313	1	76,492	1	63,671	1	50,850	1	38,030	1	25,404	1	12,931	1	1,208
1/4	89,046	1/4	76,225	1/4	63,404	1/4	50,583	1/4	37,763	1/4	25,142	1/4	12,676	1/4	1,060
1/2	88,779	1/2	75,958	1/2	63,137	1/2	50,316	1/2	37,495	1/2	24,880	1/2	12,422	1/2	911
3/4	88,512	3/4	75,691	3/4	62,870	3/4	50,049	3/4	37,228	3/4	24,618	3/4	12,168	3/4	763
2	88,244	2	75,424	2	62,603	2	49,782	2	36,961	2	24,357	2	11,913	2	657
1/4	87,977	1/4	75,157	1/4	62,336	1/4	49,515	1/4	36,694	1/4	24,095	1/4	11,659	1/4	551
1/2	87,710	1/2	74,889	1/2	62,069	1/2	49,248	1/2	36,427	1/2	23,833	1/2	11,405	1/2	445
3/4	87,443	3/4	74,622	3/4	61,802	3/4	48,981	3/4	36,160	3/4	23,572	3/4	11,150	3/4	339
3	87,176	3	74,355	3	61,534	3	48,714	3	35,893	3	23,310	3	10,896	3	276
1/4	86,909	1/4	74,088	1/4	61,267	1/4	48,447	1/4	35,626	1/4	23,048	1/4	10,642	1/4	212
1/2	86,642	1/2	73,821	1/2	61,000	1/2	48,179	1/2	35,359	1/2	22,787	1/2	10,387	1/2	148
3/4	86,375	3/4	73,554	3/4	60,733	3/4	47,912	3/4	35,092	3/4	22,525	3/4	10,133	3/4	85
4	86,108	4	73,287	4	60,466	4	47,645	4	34,824	4	22,263	4	9,879	4	64
1/4	85,841	1/4	73,020	1/4	60,199	1/4	47,378	1/4	34,563	1/4	22,002	1/4	9,625		
1/2	85,573	1/2	72,753	1/2	59,932	1/2	47,111	1/2	34,301	1/2	21,740	1/2	9,372		
3/4	85,306	3/4	72,486	3/4	59,665	3/4	46,844	3/4	34,039	3/4	21,478	3/4	9,119		
5	85,039	5	72,218	5	59,398	5	46,577	5	33,778	5	21,217	5	8,866		
1/4	84,772	1/4	71,951	1/4	59,131	1/4	46,310	1/4	33,516	1/4	20,955	1/4	8,613		
1/2	84,505	1/2	71,684	1/2	58,863	1/2	46,043	1/2	33,254	1/2	20,693	1/2	8,360		
3/4	84,238	3/4	71,417	3/4	58,596	3/4	45,776	3/4	32,993	3/4	20,431	3/4	8,107		
6	83,971	6	71,150	6	58,329	6	45,508	6	32,731	6	20,170	6	7,854		
1/4	83,704	1/4	70,883	1/4	58,062	1/4	45,241	1/4	32,469	1/4	19,908	1/4	7,600		
1/2	83,437	1/2	70,616	1/2	57,795	1/2	44,974	1/2	32,208	1/2	19,646	1/2	7,347		
3/4	83,170	3/4	70,349	3/4	57,528	3/4	44,707	3/4	31,946	3/4	19,385	3/4	7,094		
7	82,902	7	70,082	7	57,261	7	44,440	7	31,684	7	19,123	7	6,841		
1/4	82,635	1/4	69,815	1/4	56,994	1/4	44,173	1/4	31,422	1/4	18,861	1/4	6,588		
1/2	82,368	1/2	69,547	1/2	56,727	1/2	43,906	1/2	31,161	1/2	18,600	1/2	6,335		
3/4	82,101	3/4	69,280	3/4	56,460	3/4	43,639	3/4	30,899	3/4	18,338	3/4	6,082		
8	81,834	8	69,013	8	56,192	8	43,372	8	30,637	8	18,076	8	5,829		
1/4	81,567	1/4	68,746	1/4	55,925	1/4	43,105	1/4	30,376	1/4	17,815	1/4	5,576		
1/2	81,300	1/2	68,479	1/2	55,658	1/2	42,837	1/2	30,114	1/2	17,553	1/2	5,323		
3/4	81,033	3/4	68,212	3/4	55,391	3/4	42,570	3/4	29,852	3/4	17,291	3/4	5,071		
9	80,766	9	67,945	9	55,124	9	42,303	9	29,591	9	17,029	9	4,818		
1/4	80,499	1/4	67,678	1/4	54,857	1/4	42,036	1/4	29,329	1/4	16,768	1/4	4,565		
1/2	80,231	1/2	67,411	1/2	54,590	1/2	41,769	1/2	29,067	1/2	16,506	1/2	4,313		
3/4	79,964	3/4	67,144	3/4	54,323	3/4	41,502	3/4	28,806	3/4	16,244	3/4	4,060		
10	79,697	10	66,876	10	54,056	10	41,235	10	28,544	10	15,983	10	3,807		
1/4	79,430	1/4	66,609	1/4	53,789	1/4	40,968	1/4	28,282	1/4	15,728	1/4	3,553		
1/2	79,163	1/2	66,342	1/2	53,521	1/2	40,701	1/2	28,020	1/2	15,474	1/2	3,299		
3/4	78,896	3/4	66,075	3/4	53,254	3/4	40,434	3/4	27,759	3/4	15,220	3/4	3,044		
11	78,629	11	65,808	11	52,987	11	40,166	11	27,497	11	14,965	11	2,813		
1/4	78,362	1/4	65,541	1/4	52,720	1/4	39,899	1/4	27,235	1/4	14,711	1/4	2,582		
1/2	78,095	1/2	65,274	1/2	52,453	1/2	39,632	1/2	26,974	1/2	14,457	1/2	2,351		
3/4	77,828	3/4	65,007	3/4	52,186	3/4	39,365	3/4	26,712	3/4	14,202	3/4	2,120		

GAUGE LOCATED 1'-6" AFT OF FORWARD BULKHEAD, AND 3'-3" OFF CENTERLINE BULKHEAD.

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CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: JF 01/25/05
STRAPPED BY: LF 01/12/05

SAYBOLT LP.

O. Endress



BARGE "MOC 9" ULLAGE TRIM CORRECTIONS

	Down by	1 ft		2 ft		3 ft		4 ft		5 ft		6 ft	
		BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN
1 PORT		-01- 3/8	01- 3/8	-02- 6/8	02- 6/8	-04- 1/8	04- 1/8	-05- 4/8	05- 4/8	-06- 6/8	06- 6/8	-08- 1/8	08- 1/8
1 STAR		-01- 3/8	01- 3/8	-02- 6/8	02- 6/8	-04- 1/8	04- 1/8	-05- 4/8	05- 4/8	-06- 6/8	06- 6/8	-08- 1/8	08- 1/8
2 PORT		-01- 5/8	01- 5/8	-03- 1/8	03- 1/8	-04- 6/8	04- 6/8	-06- 2/8	06- 2/8	-07- 7/8	07- 7/8	-09- 3/8	09- 3/8
2 STAR		-01- 5/8	01- 5/8	-03- 1/8	03- 1/8	-04- 6/8	04- 6/8	-06- 2/8	06- 2/8	-07- 7/8	07- 7/8	-09- 3/8	09- 3/8
3 PORT		-01- 3/8	01- 3/8	-02- 7/8	02- 7/8	-04- 2/8	04- 2/8	-05- 5/8	05- 5/8	-07	07	-08- 4/8	08- 4/8
3 STAR		-01- 3/8	01- 3/8	-02- 7/8	02- 7/8	-04- 2/8	04- 2/8	-05- 5/8	05- 5/8	-07	07	-08- 4/8	08- 4/8
4 PORT		01- 7/8	-01- 7/8	03- 5/8	-03- 5/8	05- 4/8	-05- 4/8	07- 3/8	-07- 3/8	09- 1/8	-09- 1/8	11	-11
4 STAR		01- 7/8	-01- 7/8	03- 5/8	-03- 5/8	05- 4/8	-05- 4/8	07- 3/8	-07- 3/8	09- 1/8	-09- 1/8	11	-11

EXAMPLE FOR USE OF TRIM CORRECTION:

FWD DRAFT = 3'-0"

AFT DRAFT = 6'-0"

DIFFERENCE = 3'-0" (DOWN BY STERN)

TRIM CORRECTION FOR 3'-0" DOWN BY STERN FOR 1 PORT IS 0'- 04- 1/8 -
TO OBSERVED ULLAGE GAUGE OF 3'-0" THE TRIM CORRECTED ULLAGE IS 3'- 04- 1/8 -

COMPUTED BY:

JF 01/26/05

GAUGE LOCATIONS MEASURED BY: LF 01/12/05

STRAPPED BY:

CLJ-CEK-TM 06/21/73

LENGTH BETWEEN DRAFT MARKS = 228.5'

O. Endress

MOC 9

no name

type of gauging

LBDM IN FT

228.5

compartment

length in
feet

distance from
aft bulkhead(ft)

IF
INNAGE,
ENTER
'X', IF
ULLAGE
ENTER
'O'

Ullage TRIM
inches down
by stern

1 PORT	56.85	2.5	1 3/8
1 STAR	56.85	2.5	1 3/8
2 PORT	64.75	2.5	1 5/8
2 STAR	64.75	2.5	1 5/8
3 PORT	56.75	1.5	1 3/8
3 STAR	56.71	1.5	1 3/8
4 PORT	72.75	71.25	-1 7/8
4 STAR	72.75	71.25	-1 7/8