



BARGE: HSM 3013

ULLAGE TRIM TABLE MMC

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4
1 STBD	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4
2 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8
2 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
3 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
3 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8

(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 PORT IS - 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 235'-06"

December 28, 2016



BARGE: HSM 3013
JEFFBOAT 16-2307

1 PORT
ULLAGE TABLE
MMC

CAPACITIES GIVEN IN WHOLE GALLONS

FOR MANUAL GAUGING AT 2" BALL VALVE LOCATED NEAR GEOMETRIC CENTER OF TANK

REFERENCE GAUGE HEIGHT: 15'-11 5/8"

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.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.
0		0	199,048	0	184,581	0	170,113	0	155,645	0	141,178	0	126,710	0	112,242	0	97,774	0	83,306	0	68,838	0	54,373	0	39,909	0	25,441	0	11,433	0	
1/4	1/4	198,747	184,280	1/4	183,979	1/4	169,511	1/4	155,043	1/4	140,575	1/4	126,107	1/4	111,639	1/4	97,171	1/4	82,703	1/4	68,235	1/4	53,771	1/4	39,306	1/4	24,838	1/4	10,893	1/4	
1/2	1/2	198,446	183,979	1/2	183,677	1/2	169,209	1/2	154,741	1/2	140,273	1/2	125,805	1/2	111,337	1/2	96,869	1/2	82,401	1/2	67,934	1/2	53,470	1/2	39,005	1/2	24,537	1/2	10,625	1/2	
3/4	3/4	198,145	183,677	3/4	183,376	3/4	168,908	3/4	154,440	3/4	139,972	3/4	125,504	3/4	111,036	3/4	96,568	3/4	82,100	3/4	67,632	3/4	53,168	3/4	38,703	3/4	24,235	3/4	10,359	3/4	
1	1	197,844	183,376	1	183,074	1	168,606	1	154,138	1	139,670	1	125,202	1	110,734	1	96,266	1	81,798	1	67,331	1	52,867	1	38,402	1	23,934	1	10,094	1	
1/4	1/4	197,542	183,074	1/4	182,773	1/4	168,305	1/4	153,837	1/4	139,369	1/4	124,901	1/4	110,433	1/4	95,965	1/4	81,497	1/4	67,029	1/4	52,566	1/4	38,100	1/4	23,632	1/4	9,828	1/4	
1/2	1/2	197,241	182,773	1/2	182,472	1/2	168,004	1/2	153,536	1/2	139,068	1/2	124,600	1/2	110,132	1/2	95,664	1/2	81,196	1/2	66,728	1/2	52,265	1/2	37,799	1/2	23,331	1/2	9,565	1/2	
3/4	3/4	196,940	182,472	3/4	182,170	3/4	167,702	3/4	153,234	3/4	138,766	3/4	124,298	3/4	109,830	3/4	95,362	3/4	80,894	3/4	66,427	3/4	51,963	3/4	37,498	3/4	23,030	3/4	9,303	3/4	
2	2	196,638	181,869	2	181,663	2	167,401	2	152,933	2	138,465	2	123,997	2	109,529	2	95,061	2	80,593	2	66,125	2	51,662	2	37,196	2	22,728	2	9,042	2	
1/4	1/4	196,337	181,869	1/4	181,663	1/4	167,401	1/4	152,933	1/4	138,465	1/4	123,997	1/4	109,529	1/4	95,061	1/4	80,593	1/4	66,125	1/4	51,662	1/4	37,196	1/4	22,728	1/4	9,042	1/4	
1/2	1/2	196,035	181,567	1/2	181,362	1/2	167,099	1/2	152,631	1/2	138,163	1/2	123,695	1/2	109,227	1/2	94,759	1/2	80,291	1/2	65,824	1/2	51,361	1/2	36,895	1/2	22,427	1/2	8,780	1/2	
3/4	3/4	195,734	181,266	3/4	181,060	3/4	166,798	3/4	152,330	3/4	137,862	3/4	123,394	3/4	108,926	3/4	94,458	3/4	79,990	3/4	65,522	3/4	51,060	3/4	36,593	3/4	22,125	3/4	8,521	3/4	
3	3	195,432	180,964	3	180,758	3	166,496	3	152,028	3	137,561	3	123,093	3	108,625	3	94,157	3	79,689	3	65,221	3	50,759	3	36,292	3	21,824	3	8,264	3	
1/4	1/4	195,131	180,663	1/4	180,457	1/4	166,195	1/4	151,727	1/4	137,259	1/4	122,791	1/4	108,323	1/4	93,855	1/4	79,387	1/4	64,919	1/4	50,457	1/4	35,991	1/4	21,523	1/4	8,006	1/4	
1/2	1/2	194,830	180,362	1/2	180,156	1/2	165,894	1/2	151,426	1/2	136,958	1/2	122,490	1/2	108,022	1/2	93,554	1/2	79,086	1/2	64,618	1/2	50,156	1/2	35,689	1/2	21,221	1/2	7,749	1/2	
3/4	3/4	194,528	180,060	3/4	179,854	3/4	165,592	3/4	151,124	3/4	136,656	3/4	122,188	3/4	107,720	3/4	93,252	3/4	78,784	3/4	64,317	3/4	49,855	3/4	35,388	3/4	20,920	3/4	7,494	3/4	
4	4	194,227	179,759	4	179,653	4	165,291	4	150,823	4	136,355	4	121,887	4	107,419	4	92,951	4	78,483	4	64,015	4	49,554	4	35,086	4	20,618	4	7,241	4	
1/4	1/4	193,925	179,457	1/4	179,351	1/4	164,989	1/4	150,521	1/4	136,053	1/4	121,585	1/4	107,117	1/4	92,649	1/4	78,181	1/4	63,714	1/4	49,253	1/4	34,785	1/4	20,317	1/4	6,988	1/4	
1/2	1/2	193,624	179,156	1/2	179,050	1/2	164,688	1/2	150,220	1/2	135,752	1/2	121,284	1/2	106,816	1/2	92,348	1/2	77,880	1/2	63,412	1/2	48,951	1/2	34,483	1/2	20,015	1/2	6,735	1/2	
3/4	3/4	193,323	178,855	3/4	178,749	3/4	164,387	3/4	149,919	3/4	135,451	3/4	120,983	3/4	106,515	3/4	92,047	3/4	77,579	3/4	63,111	3/4	48,650	3/4	34,182	3/4	19,715	3/4	6,484	3/4	
5	5	193,021	178,553	5	178,447	5	164,085	5	149,617	5	135,149	5	120,681	5	106,213	5	91,745	5	77,277	5	62,810	5	48,349	5	33,881	5	19,416	5	6,235	5	
1/4	1/4	192,720	178,252	1/4	178,146	1/4	163,784	1/4	149,316	1/4	134,848	1/4	120,380	1/4	105,912	1/4	91,444	1/4	76,976	1/4	62,508	1/4	48,047	1/4	33,579	1/4	19,116	1/4	5,987	1/4	
1/2	1/2	192,418	177,950	1/2	177,844	1/2	163,482	1/2	149,014	1/2	134,546	1/2	120,078	1/2	105,610	1/2	91,142	1/2	76,674	1/2	62,207	1/2	47,746	1/2	33,278	1/2	18,817	1/2	5,738	1/2	
3/4	3/4	192,117	177,649	3/4	177,543	3/4	163,181	3/4	148,713	3/4	134,245	3/4	119,777	3/4	105,309	3/4	90,841	3/4	76,373	3/4	61,905	3/4	47,444	3/4	32,976	3/4	18,520	3/4	5,492	3/4	
6	6	191,815	177,347	6	177,241	6	162,879	6	148,412	6	133,944	6	119,476	6	105,008	6	90,540	6	76,072	6	61,604	6	47,143	6	32,675	6	18,225	6	5,248	6	
1/4	1/4	191,514	177,046	1/4	176,940	1/4	162,578	1/4	148,110	1/4	133,642	1/4	119,174	1/4	104,706	1/4	90,238	1/4	75,770	1/4	61,303	1/4	46,842	1/4	32,374	1/4	17,930	1/4	5,004	1/4	
1/2	1/2	191,213	176,745	1/2	176,639	1/2	162,277	1/2	147,809	1/2	133,341	1/2	118,873	1/2	104,405	1/2	89,937	1/2	75,469	1/2	61,001	1/2	46,540	1/2	32,072	1/2	17,635	1/2	4,760	1/2	
3/4	3/4	190,911	176,443	3/4	176,337	3/4	161,975	3/4	147,507	3/4	133,039	3/4	118,571	3/4	104,103	3/4	89,635	3/4	75,167	3/4	60,700	3/4	46,239	3/4	31,771	3/4	17,342	3/4	4,518	3/4	
7	7	190,610	176,142	7	176,036	7	161,674	7	147,206	7	132,738	7	118,270	7	103,802	7	89,334	7	74,866	7	60,398	7	45,937	7	31,469	7	17,051	7	4,279	7	
1/4	1/4	190,308	175,840	1/4	175,734	1/4	161,372	1/4	146,904	1/4	132,436	1/4	117,968	1/4	103,500	1/4	89,032	1/4	74,565	1/4	60,097	1/4	45,636	1/4	31,168	1/4	16,760	1/4	4,039	1/4	
5/8	203,412	190,007	175,539	1/2	161,071	1/2	146,603	1/2	132,135	1/2	117,667	1/2	103,199	1/2	88,731	1/2	74,263	1/2	59,796	1/2	45,334	1/2	30,866	1/2	16,469	1/2	3,800	1/2			
3/4	203,324	189,706	175,238	3/4	160,770	3/4	146,302	3/4	131,834	3/4	117,366	3/4	102,898	3/4	88,430	3/4	73,962	3/4	59,494	3/4	45,033	3/4	30,565	3/4	16,180	3/4	3,563	3/4			
8	203,148	189,404	174,936	8	160,468	8	146,000	8	131,532	8	117,064	8	102,596	8	88,128	8	73,660	8	59,193	8	44,732	8	30,264	8	15,893	8	3,329	8			
1/4	202,973	189,103	174,635	1/4	160,167	1/4	145,699	1/4	131,231	1/4	116,763	1/4	102,295	1/4	87,827	1/4	73,359	1/4	58,892	1/4	44,430	1/4	29,962	1/4	15,607	1/4	3,095	1/4			
1/2	202,797	188,801	174,333	1/2	159,865	1/2	145,397	1/2	130,929	1/2	116,461	1/2	101,993	1/2	87,525	1/2	73,057	1/2	58,590	1/2	44,129	1/2	29,661	1/2	15,320	1/2	2,861	1/2			
3/4	202,596	188,500	174,032	3/4	159,564	3/4	145,096	3/4	130,628	3/4	116,160	3/4	101,692	3/4	87,224	3/4	72,756	3/4	58,289	3/4	43,827	3/4	29,359	3/4	15,035	3/4	2,630	3/4			
9	202,370	188,198	173,730	9	159,262	9	144,795	9	130,327	9	115,859	9	101,391	9	86,923	9	72,455	9	57,988	9	43,526	9	29,058	9	14,753	9	2,402	9			
1/4	202,144	187,897	173,429	1/4	158,961	1/4	144,493	1/4	130,025	1/4	115,557	1/4	101,089	1/4	86,621	1/4	72,153	1/4	57,687	1/4	43,225	1/4	28,757	1/4	14,470	1/4	2,174	1/4			
1/2	201,918	187,596	173,128	1/2	158,660	1/2	144,192	1/2	129,724	1/2	115,256	1/2	100,788	1/2	86,320	1/2	71,852	1/2	57,385	1/2	42,923	1/2	28,455	1/2	14,188	1/2	1,945	1/2			
3/4																															



BARGE: HSM 3013
JEFFBOAT 16-2307

1 STBD
ULLAGE TABLE
MMC

CAPACITIES GIVEN IN WHOLE GALLONS

FOR MANUAL GAUGING AT 2" BALL VALVE LOCATED NEAR GEOMETRIC CENTER OF TANK

REFERENCE GAUGE HEIGHT: 15'-11 5/8"

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.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.
0		0	198,406	0	183,985	0	169,563	0	155,141	0	140,719	0	126,297	0	111,874	0	97,452	0	83,030	0	68,608	0	54,192	0	39,783	0	25,360	0	11,396	0	
1/4	1/4	198,106	1/4	183,685	1/4	169,263	1/4	154,840	1/4	140,418	1/4	125,996	1/4	111,574	1/4	97,152	1/4	82,730	1/4	68,308	1/4	53,892	1/4	39,482	1/4	25,060	1/4	11,127	1/4		
1/2	1/2	197,806	1/2	183,384	1/2	168,962	1/2	154,540	1/2	140,118	1/2	125,696	1/2	111,273	1/2	96,851	1/2	82,429	1/2	68,007	1/2	53,592	1/2	39,182	1/2	24,759	1/2	10,858	1/2		
3/4	3/4	197,506	3/4	183,084	3/4	168,662	3/4	154,239	3/4	139,817	3/4	125,395	3/4	110,973	3/4	96,551	3/4	82,129	3/4	67,707	3/4	53,292	3/4	38,881	3/4	24,459	3/4	10,591	3/4		
1	1	197,205	1	182,783	1	168,361	1	153,939	1	139,517	1	125,095	1	110,672	1	96,250	1	81,828	1	67,406	1	52,992	1	38,581	1	24,159	1	10,327	1		
1/4	1/4	196,905	1/4	182,483	1/4	168,061	1/4	153,639	1/4	139,216	1/4	124,794	1/4	110,372	1/4	95,950	1/4	81,528	1/4	67,106	1/4	52,692	1/4	38,280	1/4	23,858	1/4	10,062	1/4		
1/2	1/2	196,605	1/2	182,182	1/2	167,760	1/2	153,338	1/2	138,916	1/2	124,494	1/2	110,072	1/2	95,649	1/2	81,227	1/2	66,805	1/2	52,392	1/2	37,980	1/2	23,558	1/2	9,797	1/2		
3/4	3/4	196,304	3/4	181,882	3/4	167,460	3/4	153,038	3/4	138,615	3/4	124,193	3/4	109,771	3/4	95,349	3/4	80,927	3/4	66,505	3/4	52,092	3/4	37,679	3/4	23,257	3/4	9,534	3/4		
2	2	196,004	2	181,582	2	167,159	2	152,737	2	138,315	2	123,893	2	109,471	2	95,048	2	80,626	2	66,204	2	51,792	2	37,379	2	22,957	2	9,274	2		
1/4	1/4	195,703	1/4	181,281	1/4	166,859	1/4	152,437	1/4	138,015	1/4	123,592	1/4	109,170	1/4	94,748	1/4	80,326	1/4	65,904	1/4	51,492	1/4	37,078	1/4	22,656	1/4	9,013	1/4		
1/2	1/2	195,403	1/2	180,981	1/2	166,558	1/2	152,136	1/2	137,714	1/2	123,292	1/2	108,870	1/2	94,448	1/2	80,025	1/2	65,604	1/2	51,192	1/2	36,778	1/2	22,356	1/2	8,752	1/2		
3/4	3/4	195,102	3/4	180,680	3/4	166,258	3/4	151,836	3/4	137,414	3/4	122,991	3/4	108,569	3/4	94,147	3/4	79,725	3/4	65,303	3/4	50,892	3/4	36,477	3/4	22,055	3/4	8,494	3/4		
3	3	194,802	3	180,380	3	165,957	3	151,535	3	137,113	3	122,691	3	108,269	3	93,847	3	79,424	3	65,003	3	50,592	3	36,177	3	21,755	3	8,237	3		
1/4	1/4	194,501	1/4	180,079	1/4	165,657	1/4	151,235	1/4	136,813	1/4	122,391	1/4	107,968	1/4	93,546	1/4	79,124	1/4	64,702	1/4	50,292	1/4	35,877	1/4	21,454	1/4	7,981	1/4		
1/2	1/2	194,201	1/2	179,779	1/2	165,357	1/2	150,934	1/2	136,512	1/2	122,090	1/2	107,668	1/2	93,246	1/2	78,824	1/2	64,402	1/2	49,992	1/2	35,576	1/2	21,154	1/2	7,725	1/2		
3/4	3/4	193,900	3/4	179,478	3/4	165,056	3/4	150,634	3/4	136,212	3/4	121,790	3/4	107,367	3/4	92,945	3/4	78,523	3/4	64,101	3/4	49,692	3/4	35,276	3/4	20,853	3/4	7,470	3/4		
4	4	193,600	4	179,178	4	164,756	4	150,333	4	135,911	4	121,489	4	107,067	4	92,645	4	78,223	4	63,801	4	49,392	4	34,975	4	20,553	4	7,218	4		
1/4	1/4	193,300	1/4	178,877	1/4	164,455	1/4	150,033	1/4	135,611	1/4	121,189	1/4	106,766	1/4	92,344	1/4	77,922	1/4	63,500	1/4	49,092	1/4	34,675	1/4	20,253	1/4	6,966	1/4		
1/2	1/2	192,999	1/2	178,577	1/2	164,155	1/2	149,733	1/2	135,310	1/2	120,888	1/2	106,466	1/2	92,044	1/2	77,622	1/2	63,200	1/2	48,792	1/2	34,374	1/2	19,952	1/2	6,714	1/2		
3/4	3/4	192,699	3/4	178,276	3/4	163,854	3/4	149,432	3/4	135,010	3/4	120,588	3/4	106,166	3/4	91,743	3/4	77,321	3/4	62,899	3/4	48,492	3/4	34,074	3/4	19,653	3/4	6,464	3/4		
5	5	192,398	5	177,976	5	163,554	5	149,132	5	134,709	5	120,287	5	105,865	5	91,443	5	77,021	5	62,599	5	48,192	5	33,773	5	19,354	5	6,216	5		
1/4	1/4	192,098	1/4	177,676	1/4	163,253	1/4	148,831	1/4	134,409	1/4	119,987	1/4	105,565	1/4	91,142	1/4	76,720	1/4	62,299	1/4	47,892	1/4	33,473	1/4	19,056	1/4	5,968	1/4		
1/2	1/2	191,797	1/2	177,375	1/2	162,953	1/2	148,531	1/2	134,109	1/2	119,686	1/2	105,264	1/2	90,842	1/2	76,420	1/2	61,998	1/2	47,593	1/2	33,172	1/2	18,758	1/2	5,720	1/2		
3/4	3/4	191,497	3/4	177,075	3/4	162,652	3/4	148,230	3/4	133,808	3/4	119,386	3/4	104,964	3/4	90,542	3/4	76,119	3/4	61,698	3/4	47,293	3/4	32,872	3/4	18,461	3/4	5,474	3/4		
6	6	191,196	6	176,774	6	162,352	6	147,930	6	133,508	6	119,085	6	104,663	6	90,241	6	75,819	6	61,397	6	46,993	6	32,571	6	18,167	6	5,231	6		
1/4	1/4	190,896	1/4	176,474	1/4	162,051	1/4	147,629	1/4	133,207	1/4	118,785	1/4	104,363	1/4	89,941	1/4	75,518	1/4	61,097	1/4	46,693	1/4	32,271	1/4	17,873	1/4	4,988	1/4		
1/2	1/2	190,595	1/2	176,173	1/2	161,751	1/2	147,329	1/2	132,907	1/2	118,484	1/2	104,062	1/2	89,640	1/2	75,218	1/2	60,796	1/2	46,393	1/2	31,971	1/2	17,579	1/2	4,745	1/2		
3/4	3/4	190,295	3/4	175,873	3/4	161,451	3/4	147,028	3/4	132,606	3/4	118,184	3/4	103,762	3/4	89,340	3/4	74,918	3/4	60,496	3/4	46,092	3/4	31,670	3/4	17,287	3/4	4,504	3/4		
7	7	189,994	7	175,572	7	161,150	7	146,728	7	132,306	7	117,884	7	103,461	7	89,039	7	74,617	7	60,196	7	45,792	7	31,370	7	16,997	7	4,265	7		
1/4	1/4	189,694	1/4	175,272	1/4	160,850	1/4	146,427	1/4	132,005	1/4	117,583	1/4	103,161	1/4	88,739	1/4	74,317	1/4	59,895	1/4	45,491	1/4	31,069	1/4	16,707	1/4	4,027	1/4		
5/8	202,756	1/2	189,394	1/2	174,971	1/2	160,549	1/2	146,127	1/2	131,705	1/2	117,283	1/2	102,860	1/2	88,438	1/2	74,016	1/2	59,595	1/2	45,191	1/2	30,769	1/2	16,417	1/2	3,788	1/2	
3/4	202,669	3/4	189,093	3/4	174,671	3/4	160,249	3/4	145,827	3/4	131,404	3/4	116,982	3/4	102,560	3/4	88,138	3/4	73,716	3/4	59,295	3/4	44,890	3/4	30,468	3/4	16,129	3/4	3,552	3/4	
8	202,493	8	188,793	8	174,370	8	159,948	8	145,526	8	131,104	8	116,682	8	102,260	8	87,837	8	73,415	8	58,994	8	44,590	8	30,168	8	15,843	8	3,319	8	
1/4	202,318	1/4	188,492	1/4	174,070	1/4	159,648	1/4	145,226	1/4	130,803	1/4	116,381	1/4	101,959	1/4	87,537	1/4	73,115	1/4	58,694	1/4	44,289	1/4	29,867	1/4	15,557	1/4	3,085	1/4	
1/2	202,143	1/2	188,192	1/2	173,770	1/2	159,347	1/2	144,925	1/2	130,503	1/2	116,081	1/2	101,659	1/2	87,236	1/2	72,814	1/2	58,394	1/2	43,989	1/2	29,567	1/2	15,272	1/2	2,852	1/2	
3/4	201,942	3/4	187,891	3/4	173,469	3/4	159,047	3/4	144,625	3/4	130,203	3/4	115,780	3/4	101,358	3/4	86,936	3/4	72,514	3/4	58,093	3/4	43,689	3/4	29,266	3/4	14,988	3/4	2,622	3/4	
9	201,717	9	187,591	9	173,169	9	158,746	9	144,324	9	129,902	9	115,480	9	101,058	9	86,636	9	72,213	9	57,793	9	43,388	9	28,966	9	14,706	9	2,394	9	
1/4	201,492	1/4	187,290	1/4	172,868	1/4	158,446	1/4	144,024	1/4	129,602	1/4	115,179	1/4	100,757	1/4	86,335	1/4	71,913	1/4	57,493	1/4	43,088	1/4	28,665	1/4	14,425	1/4	2,167	1/4	
1/2	201,266	1/2	186,990	1/2	172,568	1/2	158,145	1/2	143,723	1/2	129,301	1/2	114,879	1/2	100,457	1/2	86,035	1/2	71,613	1/2	57,193	1/2	42,787	1/2	28,365	1/2	14,143	1/2	1,939	1/2	
3/4	201,016	3/4	186,689	3/4	172,267	3/4	157,845	3/4	143,423	3/4	129,001	3/4	114,578	3/4	100,156	3/4	85,734	3/4	71,312	3/4	56,893	3/4	42,487	3/4	28,065	3/4	13,864	3/4	1,731		



BARGE: HSM 3013
JEFFBOAT 16-2307

2 PORT
ULLAGE TABLE
MMC

CAPACITIES GIVEN IN WHOLE GALLONS

FOR MANUAL GAUGING AT 2" BALL VALVE LOCATED NEAR GEOMETRIC CENTER OF TANK

REFERENCE GAUGE HEIGHT: 15'-11 3/8"

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.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.
0		0	214,556	0	199,173	0	183,789	0	168,405	0	153,022	0	137,638	0	122,254	0	106,870	0	91,487	0	76,103	0	60,719	0	45,338	0	29,959	0	14,575	0	
1/4	1/4	214,236	1/4	198,852	1/4	183,469	1/4	168,085	1/4	152,701	1/4	137,317	1/4	121,934	1/4	106,550	1/4	91,166	1/4	75,782	1/4	60,399	1/4	45,017	1/4	29,638	1/4	14,254	1/4		
1/2	1/2	213,915	1/2	198,532	1/2	183,148	1/2	167,764	1/2	152,381	1/2	136,997	1/2	121,613	1/2	106,229	1/2	90,846	1/2	75,462	1/2	60,078	1/2	44,697	1/2	29,318	1/2	13,934	1/2		
3/4	3/4	213,595	3/4	198,211	3/4	182,828	3/4	167,444	3/4	152,060	3/4	136,676	3/4	121,293	3/4	105,909	3/4	90,525	3/4	75,141	3/4	59,758	3/4	44,377	3/4	28,997	3/4	13,613	3/4		
1	1	213,275	1	197,891	1	182,507	1	167,123	1	151,740	1	136,356	1	120,972	1	105,588	1	90,205	1	74,821	1	59,437	1	44,056	1	28,677	1	13,293	1		
1/4	1/4	212,954	1/4	197,570	1/4	182,187	1/4	166,803	1/4	151,419	1/4	136,035	1/4	120,652	1/4	105,268	1/4	89,884	1/4	74,500	1/4	59,117	1/4	43,736	1/4	28,356	1/4	12,972	1/4		
1/2	1/2	212,634	1/2	197,250	1/2	181,866	1/2	166,482	1/2	151,099	1/2	135,715	1/2	120,331	1/2	104,947	1/2	89,564	1/2	74,180	1/2	58,796	1/2	43,416	1/2	28,036	1/2	12,652	1/2		
3/4	3/4	212,313	3/4	196,929	3/4	181,546	3/4	166,162	3/4	150,778	3/4	135,394	3/4	120,011	3/4	104,627	3/4	89,243	3/4	73,860	3/4	58,476	3/4	43,095	3/4	27,715	3/4	12,331	3/4		
2	2	211,993	2	196,609	2	181,225	2	165,841	2	150,458	2	135,074	2	119,690	2	104,306	2	88,923	2	73,539	2	58,156	2	42,775	2	27,395	2	12,011	2		
1/4	1/4	211,672	1/4	196,288	1/4	180,905	1/4	165,521	1/4	150,137	1/4	134,753	1/4	119,370	1/4	103,986	1/4	88,602	1/4	73,219	1/4	57,835	1/4	42,455	1/4	27,074	1/4	11,690	1/4		
1/2	1/2	211,352	1/2	195,968	1/2	180,584	1/2	165,200	1/2	149,817	1/2	134,433	1/2	119,049	1/2	103,665	1/2	88,282	1/2	72,898	1/2	57,515	1/2	42,135	1/2	26,754	1/2	11,370	1/2		
3/4	3/4	211,031	3/4	195,647	3/4	180,264	3/4	164,880	3/4	149,496	3/4	134,112	3/4	118,729	3/4	103,345	3/4	87,961	3/4	72,578	3/4	57,194	3/4	41,814	3/4	26,433	3/4	11,049	3/4		
3	3	210,711	3	195,327	3	179,943	3	164,559	3	149,176	3	133,792	3	118,408	3	103,025	3	87,641	3	72,257	3	56,874	3	41,494	3	26,113	3	10,729	3		
1/4	1/4	210,390	1/4	195,006	1/4	179,623	1/4	164,239	1/4	148,855	1/4	133,471	1/4	118,088	1/4	102,704	1/4	87,320	1/4	71,937	1/4	56,553	1/4	41,174	1/4	25,792	1/4	10,408	1/4		
1/2	1/2	210,070	1/2	194,686	1/2	179,302	1/2	163,918	1/2	148,535	1/2	133,151	1/2	117,767	1/2	102,384	1/2	87,000	1/2	71,616	1/2	56,233	1/2	40,853	1/2	25,472	1/2	10,088	1/2		
3/4	3/4	209,749	3/4	194,365	3/4	178,982	3/4	163,598	3/4	148,214	3/4	132,831	3/4	117,447	3/4	102,063	3/4	86,679	3/4	71,296	3/4	55,912	3/4	40,533	3/4	25,151	3/4	9,768	3/4		
4	4	209,429	4	194,045	4	178,661	4	163,277	4	147,894	4	132,510	4	117,126	4	101,743	4	86,359	4	70,975	4	55,592	4	40,213	4	24,831	4	9,447	4		
1/4	1/4	209,108	1/4	193,724	1/4	178,341	1/4	162,957	1/4	147,573	1/4	132,190	1/4	116,806	1/4	101,422	1/4	86,038	1/4	70,655	1/4	55,271	1/4	39,892	1/4	24,510	1/4	9,127	1/4		
1/2	1/2	208,788	1/2	193,404	1/2	178,020	1/2	162,637	1/2	147,253	1/2	131,869	1/2	116,485	1/2	101,102	1/2	85,718	1/2	70,334	1/2	54,951	1/2	39,572	1/2	24,190	1/2	8,806	1/2		
3/4	3/4	208,467	3/4	193,083	3/4	177,700	3/4	162,316	3/4	146,932	3/4	131,549	3/4	116,165	3/4	100,781	3/4	85,397	3/4	70,014	3/4	54,630	3/4	39,252	3/4	23,869	3/4	8,486	3/4		
5	5	208,147	5	192,763	5	177,379	5	161,996	5	146,612	5	131,228	5	115,844	5	100,461	5	85,077	5	69,693	5	54,310	5	38,931	5	23,549	5	8,166	5		
1/4	1/4	207,826	1/4	192,443	1/4	177,059	1/4	161,675	1/4	146,291	1/4	130,908	1/4	115,524	1/4	100,140	1/4	84,756	1/4	69,373	1/4	53,989	1/4	38,611	1/4	23,228	1/4	7,845	1/4		
1/2	1/2	207,506	1/2	192,122	1/2	176,738	1/2	161,355	1/2	145,971	1/2	130,587	1/2	115,203	1/2	99,820	1/2	84,436	1/2	69,052	1/2	53,669	1/2	38,291	1/2	22,908	1/2	7,525	1/2		
3/4	3/4	207,185	3/4	191,802	3/4	176,418	3/4	161,034	3/4	145,650	3/4	130,267	3/4	114,883	3/4	99,499	3/4	84,115	3/4	68,732	3/4	53,348	3/4	37,971	3/4	22,587	3/4	7,205	3/4		
6	6	206,865	6	191,481	6	176,097	6	160,714	6	145,330	6	129,946	6	114,562	6	99,179	6	83,795	6	68,411	6	53,028	6	37,650	6	22,267	6	6,885	6		
1/4	1/4	206,544	1/4	191,161	1/4	175,777	1/4	160,393	1/4	145,009	1/4	129,626	1/4	114,242	1/4	98,858	1/4	83,474	1/4	68,091	1/4	52,707	1/4	37,330	1/4	21,946	1/4	6,566	1/4		
1/2	1/2	206,224	1/2	190,840	1/2	175,456	1/2	160,073	1/2	144,689	1/2	129,305	1/2	113,921	1/2	98,538	1/2	83,154	1/2	67,770	1/2	52,387	1/2	37,009	1/2	21,626	1/2	6,246	1/2		
3/4	3/4	205,903	3/4	190,520	3/4	175,136	3/4	159,752	3/4	144,368	3/4	128,985	3/4	113,601	3/4	98,217	3/4	82,833	3/4	67,450	3/4	52,066	3/4	36,689	3/4	21,305	3/4	5,927	3/4		
7	7	205,583	7	190,199	7	174,815	7	159,432	7	144,048	7	128,664	7	113,280	7	97,897	7	82,513	7	67,129	7	51,746	7	36,369	7	20,985	7	5,607	7		
3/8	219,516	1/4	205,262	1/4	189,879	1/4	174,495	1/4	159,111	1/4	143,727	1/4	128,344	1/4	112,960	1/4	97,576	1/4	82,192	1/4	66,809	1/4	51,425	1/4	36,048	1/4	20,664	1/4	5,288	1/4	
1/2	219,422	1/2	204,942	1/2	189,558	1/2	174,174	1/2	158,791	1/2	143,407	1/2	128,023	1/2	112,639	1/2	97,256	1/2	81,872	1/2	66,488	1/2	51,105	1/2	35,728	1/2	20,344	1/2	4,969	1/2	
3/4	219,235	3/4	204,621	3/4	189,238	3/4	173,854	3/4	158,470	3/4	143,086	3/4	127,703	3/4	112,319	3/4	96,935	3/4	81,551	3/4	66,168	3/4	50,784	3/4	35,407	3/4	20,023	3/4	4,651	3/4	
8	219,049	8	204,301	8	188,917	8	173,533	8	158,150	8	142,766	8	127,382	8	111,998	8	96,615	8	81,231	8	65,847	8	50,464	8	35,087	8	19,703	8	4,333	8	
1/4	218,862	1/4	203,980	1/4	188,597	1/4	173,213	1/4	157,829	1/4	142,445	1/4	127,062	1/4	111,678	1/4	96,294	1/4	80,910	1/4	65,527	1/4	50,143	1/4	34,766	1/4	19,382	1/4	4,015	1/4	
1/2	218,648	1/2	203,660	1/2	188,276	1/2	172,892	1/2	157,509	1/2	142,125	1/2	126,741	1/2	111,357	1/2	95,974	1/2	80,590	1/2	65,206	1/2	49,823	1/2	34,446	1/2	19,062	1/2	3,697	1/2	
3/4	218,408	3/4	203,339	3/4	187,956	3/4	172,572	3/4	157,188	3/4	141,804	3/4	126,421	3/4	111,037	3/4	95,653	3/4	80,269	3/4	64,886	3/4	49,502	3/4	34,125	3/4	18,741	3/4	3,381	3/4	
9	218,167	9	203,019	9	187,635	9	172,251	9	156,868	9	141,484	9	126,100	9	110,716	9	95,333	9	79,949	9	64,565	9	49,182	9	33,805	9	18,421	9	3,064	9	
1/4	217,927	1/4	202,698	1/4	187,315	1/4	171,931	1/4	156,547	1/4	141,163	1/4	125,780	1/4	110,396	1/4	95,012	1/4	79,628	1/4	64,245	1/4	48,862	1/4	33,484	1/4	18,100	1/4	2,748	1/4	
1/2	217,660	1/2	202,378	1/2	186,994	1/2	171,610	1/2	156,227	1/2	140,843	1/2	125,459	1/2	110,075	1/2	94,692	1/2	79,308	1/2	63,924	1/2	48,541	1/2	33,164	1/2	17,780	1/2	2,449	1/2	
3/4	217,366	3/4	202,057	3/4	186,674	3/4	171,290	3/4	155,906	3/4	140,522	3/4	125,139	3/4	109,755	3/4	94,371	3/4	78,987	3/4	63,604	3/4	48,221	3/4	32,843						



BARGE: HSM 3013
JEFFBOAT 16-2307

2 STBD
ULLAGE TABLE
MMC

CAPACITIES GIVEN IN WHOLE GALLONS

FOR MANUAL GAUGING AT 2" BALL VALVE LOCATED NEAR GEOMETRIC CENTER OF TANK

REFERENCE GAUGE HEIGHT: 15'-11 5/8"

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.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.
0		0	214,413	0	199,062	0	183,709	0	168,356	0	153,004	0	137,651	0	122,298	0	106,945	0	91,593	0	76,240	0	60,890	0	45,549	0	30,218	0	14,865	0	
1/4	1/4	214,094	198,742	183,389	168,037	152,684	137,331	122,978	106,625	91,273	75,920	60,570	45,230	29,898	14,546																
1/2	1/2	213,775	198,422	183,069	167,717	152,364	137,011	121,658	106,306	90,953	75,600	60,251	44,911	29,578	14,226																
3/4	3/4	213,455	198,102	182,750	167,397	152,044	136,691	121,339	105,986	90,633	75,280	59,931	44,592	29,259	13,906																
1	1	213,135	197,783	182,430	167,077	151,724	136,371	121,019	105,666	90,313	74,961	59,611	44,272	28,939	13,586																
1/4	1/4	212,815	197,463	182,110	166,757	151,404	136,052	120,699	105,346	89,993	74,641	59,291	43,953	28,619	13,266																
1/2	1/2	212,496	197,143	181,790	166,437	151,085	135,732	120,379	105,026	89,673	74,321	58,972	43,634	28,299	12,946																
3/4	3/4	212,176	196,823	181,470	166,117	150,765	135,412	120,059	104,706	89,354	74,001	58,652	43,315	27,979	12,626																
2	2	211,856	196,503	181,150	165,798	150,445	135,092	119,739	104,387	89,034	73,681	58,332	42,996	27,659	12,307																
1/4	1/4	211,536	196,183	180,831	165,478	150,125	134,772	119,419	104,067	88,714	73,362	58,012	42,677	27,340	11,987																
1/2	1/2	211,216	195,863	180,511	165,158	149,805	134,452	119,100	103,747	88,394	73,042	57,693	42,357	27,020	11,667																
3/4	3/4	210,896	195,544	180,191	164,838	149,485	134,133	118,780	103,427	88,074	72,722	57,373	42,038	26,700	11,347																
3	3	210,576	195,224	179,871	164,518	149,165	133,813	118,460	103,107	87,754	72,402	57,053	41,719	26,380	11,027																
1/4	1/4	210,257	194,904	179,551	164,198	148,846	133,493	118,140	102,787	87,435	72,082	56,733	41,400	26,060	10,707																
1/2	1/2	209,937	194,584	179,231	163,879	148,526	133,173	117,820	102,467	87,115	71,763	56,414	41,081	25,740	10,388																
3/4	3/4	209,617	194,264	178,911	163,559	148,206	132,853	117,500	102,148	86,795	71,443	56,094	40,762	25,420	10,068																
4	4	209,297	193,944	178,592	163,239	147,886	132,533	117,181	101,828	86,475	71,123	55,774	40,442	25,101	9,748																
1/4	1/4	208,977	193,624	178,272	162,919	147,566	132,213	116,861	101,508	86,155	70,803	55,454	40,123	24,781	9,428																
1/2	1/2	208,657	193,305	177,952	162,599	147,246	131,894	116,541	101,188	85,835	70,483	55,134	39,804	24,461	9,108																
3/4	3/4	208,338	192,985	177,632	162,279	146,926	131,574	116,221	100,868	85,515	70,164	54,815	39,485	24,141	8,788																
5	5	208,018	192,665	177,312	161,959	146,607	131,254	115,901	100,548	85,196	69,844	54,495	39,166	23,821	8,469																
1/4	1/4	207,698	192,345	176,992	161,640	146,287	130,934	115,581	100,229	84,876	69,524	54,175	38,847	23,501	8,149																
1/2	1/2	207,378	192,025	176,672	161,320	145,967	130,614	115,261	99,909	84,556	69,204	53,855	38,527	23,181	7,830																
3/4	3/4	207,058	191,705	176,353	161,000	145,647	130,294	114,942	99,589	84,236	68,884	53,536	38,208	22,862	7,510																
6	6	206,738	191,386	175,983	160,680	145,327	129,974	114,622	99,269	83,916	68,565	53,216	37,889	22,542	7,191																
1/4	1/4	206,418	191,066	175,663	160,360	145,007	129,655	114,302	98,949	83,596	68,245	52,896	37,570	22,222	6,872																
1/2	1/2	206,099	190,746	175,343	160,040	144,688	129,335	113,982	98,629	83,277	67,925	52,576	37,251	21,902	6,552																
3/4	3/4	205,779	190,426	175,023	159,720	144,368	129,015	113,662	98,309	82,957	67,605	52,257	36,932	21,582	6,233																
7	7	205,459	190,106	174,703	159,401	144,048	128,695	113,342	97,990	82,637	67,286	51,937	36,612	21,262	5,915																
1/4	1/4	205,139	189,786	174,384	159,081	143,728	128,375	113,022	97,670	82,317	66,966	51,617	36,293	20,943	5,596																
5/8	219,044	204,819	189,466	174,114	158,761	143,408	128,055	112,703	97,350	81,997	66,646	51,298	35,974	20,623	5,277																
3/4	218,951	204,499	189,147	173,794	158,441	143,088	127,736	112,383	97,030	81,677	66,326	50,978	35,654	20,303	4,959																
8	218,764	204,180	188,827	173,474	158,121	142,768	127,416	112,063	96,710	81,357	66,007	50,658	35,335	19,983	4,642																
1/4	218,578	203,860	188,507	173,154	157,801	142,449	127,096	111,743	96,390	81,038	65,687	50,339	35,015	19,663	4,324																
1/2	218,391	203,540	188,187	172,834	157,482	142,129	126,776	111,423	96,070	80,718	65,367	50,019	34,696	19,343	4,007																
3/4	218,178	203,220	187,867	172,514	157,162	141,809	126,456	111,103	95,751	80,398	65,047	49,700	34,376	19,023	3,690																
9	217,938	202,900	187,547	172,195	156,842	141,489	126,136	110,784	95,431	80,078	64,727	49,380	34,056	18,704	3,374																
1/4	217,698	202,580	187,227	171,875	156,522	141,169	125,816	110,464	95,111	79,758	64,408	49,061	33,736	18,384	3,058																
1/2	217,458	202,260	186,908	171,555	156,202	140,849	125,497	110,144	94,791	79,438	64,088	48,741	33,417	18,064	2,742																
3/4	217,192	201,941	186,588	171,235	155,882	140,530	125,177	109,824	94,471	79,118	63,768	48,422	33,097	17,744	2,444																
10	216,899	201,621	186,268	170,915	155,562	140,210	124,857	109,504	94,151	78,799	63,448	48,103	32,777	17,424	2,165																
1/4	216,605	201,301	185,948	170,595	155,243	139,890	124,537	109,184	93,832	78,479	63,129	47,784	32,457	17,104	1,885																
1/2	216,312	200,981	185,628	170,275	154,923	139,570	124,217	108,864	93,512	78,159	62,809	47,464	32,137	16,784	1,606																
3/4	216,007	200,661	185,308	169,956	154,603	139,250	123,897	108,545	93,192	77,839	62,489	47,145	31,817	16,465	1,366																
11	215,688	200,341	184,989	169,636	154,283	138,930	123,578	108,225	92,872	77,519	62,169	46,826	31,498	16,145	1,166																
1/4	215,370	200,021	184,669	169,316	153,963	138,610	123,258	107,905	92,552	77,199	61,850	46,507	31,178	15,825	966																
1/2	215,052	199,702	184,349	168,996	153,643	138,291	122,938	107,585	92,232	76,880	61,530	46,187	30,858	15,505	766																
3/4	214,733	199,382	184,029																												



BARGE: HSM 3013
JEFFBOAT 16-2307

3 PORT
ULLAGE TABLE
MMC

CAPACITIES GIVEN IN WHOLE GALLONS

FOR MANUAL GAUGING AT 2" BALL VALVE LOCATED NEAR GEOMETRIC CENTER OF TANK

REFERENCE GAUGE HEIGHT: 15'-11 1/4"

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.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.
0		0	194,696	0	184,065	0	173,433	0	162,801	0	152,169	0	137,299	0	121,935	0	106,571	0	91,207	0	75,844	0	60,480	0	45,117	0	29,756	0	14,396	0	
1/4	1/4	194,475	183,844	173,212	162,580	151,948	136,979	121,615	106,251	90,887	75,524	60,160	44,797	29,436	14,076																
1/2	1/2	194,254	183,622	172,990	162,358	151,726	136,658	121,295	105,931	90,567	75,204	59,840	44,477	29,116	13,756																
3/4	3/4	194,032	183,401	172,769	162,137	151,505	136,338	120,975	105,611	90,247	74,884	59,520	44,157	28,796	13,436																
1	1	193,811	183,179	172,547	161,915	151,283	136,018	120,655	105,291	89,927	74,563	59,200	43,837	28,476	13,116																
1/4	1/4	193,590	182,958	172,326	161,694	151,062	135,698	120,334	104,971	89,607	74,243	58,880	43,517	28,156	12,795																
1/2	1/2	193,368	182,736	172,104	161,472	150,742	135,378	120,014	104,651	89,287	73,923	58,560	43,196	27,837	12,475																
3/4	3/4	193,147	182,515	171,883	161,251	150,422	135,058	119,694	104,331	88,967	73,603	58,240	42,876	27,517	12,155																
2	2	192,925	182,293	171,661	161,029	150,102	134,738	119,374	104,011	88,647	73,283	57,919	42,556	27,197	11,835																
1/4	1/4	192,704	182,072	171,440	160,808	149,782	134,418	119,054	103,690	88,327	72,963	57,599	42,236	26,877	11,515																
1/2	1/2	192,482	181,850	171,218	160,586	149,462	134,098	118,734	103,370	88,007	72,643	57,279	41,916	26,557	11,195																
3/4	3/4	192,261	181,629	170,997	160,365	149,141	133,778	118,414	103,050	87,687	72,323	56,959	41,596	26,237	10,875																
3	3	192,039	181,407	170,775	160,143	148,821	133,458	118,094	102,730	87,367	72,003	56,639	41,276	25,917	10,555																
1/4	1/4	191,818	181,186	170,554	159,922	148,501	133,138	117,774	102,410	87,046	71,683	56,319	40,956	25,597	10,235																
1/2	1/2	191,596	180,964	170,332	159,700	148,181	132,818	117,454	102,090	86,726	71,363	55,999	40,636	25,277	9,915																
3/4	3/4	191,375	180,743	170,111	159,479	147,861	132,497	117,134	101,770	86,406	71,043	55,679	40,316	24,957	9,595																
4	4	191,153	180,521	169,889	159,257	147,541	132,177	116,814	101,450	86,086	70,723	55,359	39,996	24,637	9,275																
1/4	1/4	190,932	180,300	169,668	159,036	147,221	131,857	116,494	101,130	85,766	70,402	55,039	39,676	24,317	8,955																
1/2	1/2	190,710	180,078	169,446	158,814	146,901	131,537	116,173	100,810	85,446	70,082	54,719	39,356	23,997	8,635																
3/4	3/4	190,489	179,857	169,225	158,593	146,581	131,217	115,853	100,490	85,126	69,762	54,399	39,036	23,677	8,315																
5	5	190,267	179,635	169,003	158,371	146,261	130,897	115,533	100,170	84,806	69,442	54,078	38,716	23,357	7,995																
1/4	1/4	190,046	179,414	168,782	158,150	145,941	130,577	115,213	99,850	84,486	69,122	53,758	38,396	23,037	7,675																
1/2	1/2	189,824	179,192	168,560	157,928	145,621	130,257	114,893	99,529	84,166	68,802	53,438	38,076	22,717	7,356																
3/4	3/4	189,603	178,971	168,339	157,707	145,301	129,937	114,573	99,209	83,846	68,482	53,118	37,756	22,398	7,036																
6	6	189,381	178,749	168,117	157,485	144,980	129,617	114,253	98,889	83,526	68,162	52,798	37,436	22,078	6,717																
1/4	1/4	189,160	178,528	167,896	157,264	144,660	129,297	113,933	98,569	83,206	67,842	52,478	37,116	21,758	6,397																
1/2	1/2	188,938	178,306	167,674	157,042	144,340	128,977	113,613	98,249	82,885	67,522	52,158	36,796	21,438	6,078																
3/4	3/4	188,717	178,085	167,453	156,821	144,020	128,657	113,293	97,929	82,565	67,202	51,838	36,476	21,117	5,760																
7	7	188,495	177,863	167,231	156,599	143,700	128,336	112,973	97,609	82,245	66,882	51,518	36,156	20,797	5,441																
1/4	1/4	197,937	188,274	177,642	167,010	156,378	143,380	128,016	112,653	97,289	81,925	66,562	51,198	35,836	5,122																
1/2	1/2	197,849	188,052	177,420	166,788	156,156	143,060	127,696	112,333	96,969	81,605	66,241	50,878	35,516	4,804																
3/4	3/4	197,761	187,831	177,199	166,567	155,935	142,740	127,376	112,012	96,649	81,285	65,921	50,558	35,196	4,486																
8	8	197,672	187,609	176,977	166,345	155,713	142,420	127,056	111,692	96,329	80,965	65,601	50,238	34,876	4,168																
1/4	1/4	197,584	187,388	176,756	166,124	155,492	142,100	126,736	111,372	96,009	80,645	65,281	49,918	34,556	3,850																
1/2	1/2	197,443	187,166	176,534	165,902	155,270	141,780	126,416	111,052	95,689	80,325	64,961	49,597	34,236	3,534																
3/4	3/4	197,301	186,945	176,313	165,681	155,049	141,460	126,096	110,732	95,368	80,005	64,641	49,277	33,916	3,218																
9	9	197,160	186,723	176,091	165,459	154,827	141,140	125,776	110,412	95,048	79,685	64,321	48,957	33,596	2,902																
1/4	1/4	197,018	186,502	175,870	165,238	154,606	140,819	125,456	110,092	94,728	79,365	64,001	48,637	33,276	2,586																
1/2	1/2	196,824	186,280	175,648	165,016	154,384	140,499	125,136	109,772	94,408	79,045	63,681	48,317	32,956	2,306																
3/4	3/4	196,629	186,059	175,427	164,795	154,163	140,179	124,816	109,452	94,088	78,724	63,361	47,997	32,636	2,026																
10	10	196,434	185,837	175,205	164,573	153,941	139,859	124,496	109,132	93,768	78,404	63,041	47,677	32,316	1,747																
1/4	1/4	196,239	185,616	174,984	164,352	153,720	139,539	124,175	108,812	93,448	78,084	62,721	47,357	31,996	1,467																
1/2	1/2	196,019	185,394	174,762	164,130	153,498	139,219	123,855	108,492	93,128	77,764	62,401	47,037	31,676	1,267																
3/4	3/4	195,800	185,173	174,541	163,909	153,277	138,999	123,535	108,172	92,808	77,444	62,080	46,717	31,356	1,067																
11	11	195,580	184,951	174,319	163,687	153,055	138,779	123,215	107,851	92,488	77,124	61,760	46,397	31,036	867																
1/4	1/4	195,360	184,730	174,098	163,466	152,834	138,559	122,895	107,531	92,168	76,804	61,440	46,077	30,716	667																
1/2	1/2	195,138	184,508	173,876	163,244	152,612	138,339	122,575	107,211	91,848	76,484	61,120	45,757	30,396	506																
3/4	3/4	194,917	184,287	173,655	163,023	152,391	138,119	122,255	106,																						



BARGE: HSM 3013
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3 STBD
ULLAGE TABLE
MMC

CAPACITIES GIVEN IN WHOLE GALLONS

FOR MANUAL GAUGING AT 2" BALL VALVE LOCATED NEAR GEOMETRIC CENTER OF TANK

REFERENCE GAUGE HEIGHT: 15'-11 3/4"

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.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.		
0	0	0	194,857	0	184,224	0	173,590	0	162,955	0	152,321	0	137,664	0	122,320	0	106,976	0	91,635	0	76,296	0	60,988	0	45,659	0	30,365	0	15,024	0			
1/4	1/4	1/4	194,636	1/4	184,002	1/4	173,368	1/4	162,734	1/4	152,099	1/4	137,344	1/4	122,000	1/4	106,657	1/4	91,315	1/4	75,977	1/4	60,669	1/4	45,340	1/4	30,046	1/4	14,705	1/4			
1/2	1/2	1/2	194,415	1/2	183,781	1/2	173,146	1/2	162,512	1/2	151,878	1/2	137,024	1/2	121,681	1/2	106,337	1/2	90,995	1/2	75,658	1/2	60,350	1/2	45,022	1/2	29,726	1/2	14,385	1/2			
3/4	3/4	3/4	194,193	3/4	183,559	3/4	172,925	3/4	162,291	3/4	151,656	3/4	136,705	3/4	121,361	3/4	106,017	3/4	90,676	3/4	75,338	3/4	60,031	3/4	44,703	3/4	29,406	3/4	14,065	3/4			
1	1	1	193,972	1	183,338	1	172,703	1	162,069	1	151,435	1	136,385	1	121,041	1	105,698	1	90,356	1	75,019	1	59,713	1	44,385	1	29,087	1	13,746	1			
1/4	1/4	1/4	193,750	1/4	183,116	1/4	172,482	1/4	161,847	1/4	151,213	1/4	136,065	1/4	120,722	1/4	105,378	1/4	90,036	1/4	74,700	1/4	59,394	1/4	44,066	1/4	28,767	1/4	13,426	1/4			
1/2	1/2	1/2	193,529	1/2	182,895	1/2	172,260	1/2	161,626	1/2	150,992	1/2	135,746	1/2	120,402	1/2	105,058	1/2	89,717	1/2	74,380	1/2	59,075	1/2	43,747	1/2	28,448	1/2	13,106	1/2			
3/4	3/4	3/4	193,307	3/4	182,673	3/4	172,039	3/4	161,404	3/4	150,770	3/4	135,426	3/4	120,082	3/4	104,739	3/4	89,397	3/4	74,061	3/4	58,756	3/4	43,429	3/4	28,128	3/4	12,787	3/4			
2	2	2	193,086	2	182,452	2	171,817	2	161,183	2	150,450	2	135,107	2	119,763	2	104,419	2	89,078	2	73,742	2	58,437	2	43,110	2	27,809	2	12,467	2			
1/4	1/4	1/4	192,864	1/4	182,230	1/4	171,596	1/4	160,961	1/4	150,131	1/4	134,787	1/4	119,443	1/4	104,099	1/4	88,758	1/4	73,423	1/4	58,118	1/4	42,792	1/4	27,489	1/4	12,147	1/4			
1/2	1/2	1/2	192,643	1/2	182,008	1/2	171,374	1/2	160,740	1/2	149,811	1/2	134,467	1/2	119,123	1/2	103,780	1/2	88,438	1/2	73,103	1/2	57,799	1/2	42,473	1/2	27,170	1/2	11,828	1/2			
3/4	3/4	3/4	192,421	3/4	181,787	3/4	171,152	3/4	160,518	3/4	149,491	3/4	134,148	3/4	118,804	3/4	103,460	3/4	88,119	3/4	72,784	3/4	57,480	3/4	42,155	3/4	26,850	3/4	11,508	3/4			
3	3	3	192,200	3	181,565	3	170,931	3	160,297	3	149,172	3	133,828	3	118,484	3	103,141	3	87,799	3	72,465	3	57,160	3	41,836	3	26,531	3	11,188	3			
1/4	1/4	1/4	191,978	1/4	181,344	1/4	170,709	1/4	160,075	1/4	148,852	1/4	133,508	1/4	118,164	1/4	102,821	1/4	87,480	1/4	72,145	1/4	56,841	1/4	41,518	1/4	26,211	1/4	10,869	1/4			
1/2	1/2	1/2	191,757	1/2	181,122	1/2	170,488	1/2	159,853	1/2	148,532	1/2	133,189	1/2	117,845	1/2	102,501	1/2	87,160	1/2	71,826	1/2	56,521	1/2	41,199	1/2	25,892	1/2	10,549	1/2			
3/4	3/4	3/4	191,535	3/4	180,901	3/4	170,266	3/4	159,632	3/4	148,213	3/4	132,869	3/4	117,525	3/4	102,182	3/4	86,840	3/4	71,507	3/4	56,201	3/4	40,881	3/4	25,572	3/4	10,229	3/4			
4	4	4	191,313	4	180,679	4	170,045	4	159,410	4	147,893	4	132,549	4	117,205	4	101,862	4	86,521	4	71,188	4	55,882	4	40,562	4	25,253	4	9,910	4			
1/4	1/4	1/4	191,092	1/4	180,458	1/4	169,823	1/4	159,189	1/4	147,573	1/4	132,230	1/4	116,886	1/4	101,542	1/4	86,201	1/4	70,868	1/4	55,562	1/4	40,244	1/4	24,933	1/4	9,590	1/4			
1/2	1/2	1/2	190,870	1/2	180,236	1/2	169,602	1/2	158,967	1/2	147,254	1/2	131,910	1/2	116,566	1/2	101,223	1/2	85,882	1/2	70,549	1/2	55,242	1/2	39,925	1/2	24,613	1/2	9,271	1/2			
3/4	3/4	3/4	190,649	3/4	180,014	3/4	169,380	3/4	158,746	3/4	146,934	3/4	131,590	3/4	116,246	3/4	100,903	3/4	85,562	3/4	70,230	3/4	54,923	3/4	39,607	3/4	24,294	3/4	8,951	3/4			
5	5	5	190,427	5	179,793	5	169,159	5	158,524	5	146,614	5	131,271	5	115,927	5	100,584	5	85,242	5	69,911	5	54,603	5	39,288	5	23,974	5	8,631	5			
1/4	1/4	1/4	190,206	1/4	179,571	1/4	168,937	1/4	158,303	1/4	146,295	1/4	130,951	1/4	115,607	1/4	100,264	1/4	84,923	1/4	69,592	1/4	54,284	1/4	38,970	1/4	23,655	1/4	8,312	1/4			
1/2	1/2	1/2	189,984	1/2	179,350	1/2	168,715	1/2	158,081	1/2	145,975	1/2	130,631	1/2	115,287	1/2	99,944	1/2	84,603	1/2	69,274	1/2	53,964	1/2	38,651	1/2	23,335	1/2	7,992	1/2			
3/4	3/4	3/4	189,763	3/4	179,128	3/4	168,494	3/4	157,860	3/4	145,655	3/4	130,312	3/4	114,968	3/4	99,625	3/4	84,283	3/4	68,955	3/4	53,644	3/4	38,333	3/4	23,016	3/4	7,673	3/4			
6	6	6	189,541	6	178,907	6	168,272	6	157,638	6	145,336	6	129,992	6	114,648	6	99,305	6	83,964	6	68,636	6	53,325	6	38,014	6	22,696	6	7,354	6			
1/4	1/4	1/4	189,320	1/4	178,685	1/4	168,051	1/4	157,416	1/4	145,016	1/4	129,672	1/4	114,328	1/4	98,986	1/4	83,644	1/4	68,318	1/4	53,005	1/4	37,696	1/4	22,377	1/4	7,035	1/4			
1/2	1/2	1/2	189,098	1/2	178,464	1/2	167,829	1/2	157,195	1/2	144,696	1/2	129,353	1/2	114,009	1/2	98,666	1/2	83,325	1/2	67,999	1/2	52,685	1/2	37,377	1/2	22,057	1/2	6,716	1/2			
3/4	3/4	3/4	188,876	3/4	178,242	3/4	167,608	3/4	156,973	3/4	144,377	3/4	129,033	3/4	113,689	3/4	98,346	3/4	83,005	3/4	67,680	3/4	52,366	3/4	37,059	3/4	21,737	3/4	6,397	3/4			
7	7	7	188,655	7	178,021	7	167,386	7	156,752	7	144,057	7	128,713	7	113,369	7	98,027	7	82,685	7	67,362	7	52,046	7	36,740	7	21,418	7	6,078	7			
1/4	1/4	1/4	188,433	1/4	177,799	1/4	167,165	1/4	156,530	1/4	143,737	1/4	128,394	1/4	113,050	1/4	97,707	1/4	82,366	1/4	67,043	1/4	51,726	1/4	36,422	1/4	21,098	1/4	5,760	1/4			
1/2	1/2	1/2	188,212	1/2	177,577	1/2	166,943	1/2	156,309	1/2	143,418	1/2	128,074	1/2	112,730	1/2	97,388	1/2	82,046	1/2	66,724	1/2	51,407	1/2	36,103	1/2	20,778	1/2	5,441	1/2			
3/4	3/4	3/4	197,656	3/4	187,990	3/4	177,356	3/4	166,722	3/4	156,087	3/4	143,098	3/4	127,754	3/4	112,410	3/4	97,068	3/4	81,727	3/4	66,406	3/4	51,087	3/4	35,785	3/4	20,459	3/4	5,123	3/4	
8	8	8	197,568	8	187,769	8	177,134	8	166,500	8	155,866	8	142,778	8	127,435	8	112,091	8	96,748	8	81,407	8	66,087	8	50,768	8	35,466	8	20,139	8	4,805	8	
1/4	1/4	1/4	197,480	1/4	187,547	1/4	176,913	1/4	166,278	1/4	155,644	1/4	142,459	1/4	127,115	1/4	111,771	1/4	96,429	1/4	81,087	1/4	65,769	1/4	50,448	1/4	35,148	1/4	19,819	1/4	4,487	1/4	
1/2	1/2	1/2	197,391	1/2	187,326	1/2	176,691	1/2	166,057	1/2	155,422	1/2	142,139	1/2	126,795	1/2	111,452	1/2	96,109	1/2	80,768	1/2	65,450	1/2	50,128	1/2	34,829	1/2	19,500	1/2	4,169	1/2	
3/4	3/4	3/4	197,303	3/4	187,104	3/4	176,470	3/4	165,835	3/4	155,201	3/4	141,819	3/4	126,476	3/4	111,132	3/4	95,789	3/4	80,448	3/4	65,132	3/4	49,809	3/4	34,511	3/4	19,180	3/4	3,851	3/4	
9	9	9	197,162	9	186,883	9	176,248	9	165,614	9	154,979	9	141,500	9	126,156	9	110,812	9	95,470	9	80,129	9	64,813	9	49,489	9	34,192	9	18,860	9	3,535	9	
1/4	1/4	1/4	197,020	1/4	186,661	1/4	176,027	1/4	165,392	1/4	154,758	1/4	141,180	1/4	125,836	1/4	110,493	1/4	95,150	1/4	79,809	1/4	64,495	1/4	49,169	1/4	33,874	1/4	18,541	1/4	3,219	1/4	
1/2	1/2	1/2	196,879	1/2	186,439	1/2	175,805	1/2	165,171	1/2	154,536	1/2	140,860	1/2	125,517	1/2	110,173	1/2	94,831	1/2	79,489	1/2	64,176	1/2	48,850								



BARGE: HSM 3013
JEFFBOAT 16-2307

PORT SLOP
ULLAGE TABLE
8" HATCH

CAPACITIES GIVEN IN GALLONS

REFERENCE GAUGE HEIGHT: 6'-01 7/8"

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.	IN	10 FT.	IN	11 FT.
0	0	0	0	0	5,015	0	3,808	0	2,602	0	1,395	0	189	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	4,990	1/4	3,783	1/4	2,576	1/4	1,370	1/4	163	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	4,964	1/2	3,758	1/2	2,551	1/2	1,345	1/2	138	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	4,939	3/4	3,733	3/4	2,526	3/4	1,320	3/4	113	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	4,914	1	3,708	1	2,501	1	1,295	1	88	1	1	1	1	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	4,889	1/4	3,682	1/4	2,476	1/4	1,269	1/4	63	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	4,864	1/2	3,657	1/2	2,451	1/2	1,244	1/2	38	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	4,839	3/4	3,632	3/4	2,426	3/4	1,219	3/4	13	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	4,814	2	3,607	2	2,401	2	1,194	7/8	0	2	2	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	4,789	1/4	3,582	1/4	2,375	1/4	1,169	1/4	0	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	4,763	1/2	3,557	1/2	2,350	1/2	1,144	1/2	0	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	4,738	3/4	3,532	3/4	2,325	3/4	1,119	3/4	0	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	4,713	3	3,507	3	2,300	3	1,093	3	0	3	3	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	4,688	1/4	3,481	1/4	2,275	1/4	1,068	1/4	0	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	4,663	1/2	3,456	1/2	2,250	1/2	1,043	1/2	0	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	4,638	3/4	3,431	3/4	2,225	3/4	1,018	3/4	0	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	4,613	4	3,406	4	2,199	4	993	4	0	4	4	4	4	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	4,587	1/4	3,381	1/4	2,174	1/4	968	1/4	0	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	4,562	1/2	3,356	1/2	2,149	1/2	943	1/2	0	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	4,537	3/4	3,331	3/4	2,124	3/4	917	3/4	0	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	4,512	5	3,305	5	2,099	5	892	5	0	5	5	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	4,487	1/4	3,280	1/4	2,074	1/4	867	1/4	0	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	4,462	1/2	3,255	1/2	2,049	1/2	842	1/2	0	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	4,437	3/4	3,230	3/4	2,023	3/4	817	3/4	0	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	4,411	6	3,205	6	1,998	6	792	6	0	6	6	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	4,386	1/4	3,180	1/4	1,973	1/4	767	1/4	0	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	4,361	1/2	3,155	1/2	1,948	1/2	742	1/2	0	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	4,336	3/4	3,129	3/4	1,923	3/4	716	3/4	0	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	4,311	7	3,104	7	1,898	7	691	7	0	7	7	7	7	7	7	7	7	7	7
1/4	3/8	5,480	1/4	4,286	1/4	3,079	1/4	1,873	1/4	666	1/4	0	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	5,467	1/2	4,261	1/2	3,054	1/2	1,848	1/2	641	1/2	0	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	5,442	3/4	4,236	3/4	3,029	3/4	1,822	3/4	616	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	5,417	8	4,210	8	3,004	8	1,797	8	591	8	0	8	8	8	8	8	8	8	8	8	8	8
1/4	1/4	5,392	1/4	4,185	1/4	2,979	1/4	1,772	1/4	566	1/4	0	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	5,367	1/2	4,160	1/2	2,954	1/2	1,747	1/2	540	1/2	0	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	5,342	3/4	4,135	3/4	2,928	3/4	1,722	3/4	515	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	5,316	9	4,110	9	2,903	9	1,697	9	490	9	0	9	9	9	9	9	9	9	9	9	9	9
1/4	1/4	5,291	1/4	4,085	1/4	2,878	1/4	1,672	1/4	465	1/4	0	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	5,266	1/2	4,060	1/2	2,853	1/2	1,646	1/2	440	1/2	0	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	5,241	3/4	4,034	3/4	2,828	3/4	1,621	3/4	415	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	5,216	10	4,009	10	2,803	10	1,596	10	390	10	0	10	10	10	10	10	10	10	10	10	10	10
1/4	1/4	5,191	1/4	3,984	1/4	2,778	1/4	1,571	1/4	364	1/4	0	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	5,166	1/2	3,959	1/2	2,752	1/2	1,546	1/2	339	1/2	0	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	5,140	3/4	3,934	3/4	2,727	3/4	1,521	3/4	314	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	5,115	11	3,909	11	2,702	11	1,496	11	289	11	0	11	11	11	11	11	11	11	11	11	11	11
1/4	1/4	5,090	1/4	3,884	1/4	2,677	1/4	1,470	1/4	264	1/4	0	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	5,065	1/2	3,858	1/2	2,652	1/2	1,445	1/2	239	1/2	0	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	5,040	3/4	3,833	3/4	2,627	3/4	1,420	3/4	214	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

NOTE: GAUGE POINT: TO TOP LIP OF 8" HATCH.
NOTE: GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK
NOTE: FOR GREATER ACCURACY, BARGE SHOULD BE UPRIGHT AND ON EVEN KEEL
NOTE: MEASURED AND COMPUTED IN ACCORDANCE WITH API MPMS 2.7

DATE STRAPPED: 01/20/2017 BY: JM
DATE COMPUTED: 01/20/2017 BY: CL
DATE ISSUED: 01/20/2017

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.



BARGE: HSM 3013
JEFFBOAT 16-2307

STBD SLOP
ULLAGE TABLE
8" HATCH

CAPACITIES GIVEN IN GALLONS

REFERENCE GAUGE HEIGHT: 6'-02 1/8"

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.	IN	10 FT.	IN	11 FT.
0	0	0	0	0	4,804	0	3,654	0	2,504	0	1,354	0	204	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	4,780	1/4	3,630	1/4	2,480	1/4	1,330	1/4	180	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	4,756	1/2	3,606	1/2	2,456	1/2	1,306	1/2	156	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	4,732	3/4	3,582	3/4	2,432	3/4	1,282	3/4	132	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	4,708	1	3,558	1	2,408	1	1,258	1	108	1	1	1	1	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	4,684	1/4	3,534	1/4	2,384	1/4	1,234	1/4	84	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	4,660	1/2	3,510	1/2	2,360	1/2	1,210	1/2	60	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	4,636	3/4	3,486	3/4	2,336	3/4	1,186	3/4	36	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	4,612	2	3,462	2	2,312	2	1,162	2	12	2	2	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	4,588	1/4	3,438	1/4	2,288	1/4	1,138	1/8	0	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	4,564	1/2	3,414	1/2	2,264	1/2	1,114	1/2	0	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	4,540	3/4	3,390	3/4	2,240	3/4	1,090	3/4	0	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	4,516	3	3,366	3	2,216	3	1,066	3	0	3	3	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	4,493	1/4	3,342	1/4	2,192	1/4	1,042	1/4	0	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	4,469	1/2	3,318	1/2	2,168	1/2	1,018	1/2	0	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	4,445	3/4	3,295	3/4	2,144	3/4	994	3/4	0	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	4,421	4	3,271	4	2,120	4	970	4	0	4	4	4	4	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	4,397	1/4	3,247	1/4	2,097	1/4	946	1/4	0	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	4,373	1/2	3,223	1/2	2,073	1/2	922	1/2	0	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	4,349	3/4	3,199	3/4	2,049	3/4	899	3/4	0	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	4,325	5	3,175	5	2,025	5	875	5	0	5	5	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	4,301	1/4	3,151	1/4	2,001	1/4	851	1/4	0	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	4,277	1/2	3,127	1/2	1,977	1/2	827	1/2	0	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	4,253	3/4	3,103	3/4	1,953	3/4	803	3/4	0	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	4,229	6	3,079	6	1,929	6	779	6	0	6	6	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	4,205	1/4	3,055	1/4	1,905	1/4	755	1/4	0	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	4,181	1/2	3,031	1/2	1,881	1/2	731	1/2	0	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	4,157	3/4	3,007	3/4	1,857	3/4	707	3/4	0	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	4,133	7	2,983	7	1,833	7	683	7	0	7	7	7	7	7	7	7	7	7	7
1/4	3/8	5,247	1/4	4,109	1/4	2,959	1/4	1,809	1/4	659	1/4	0	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	5,235	1/2	4,085	1/2	2,935	1/2	1,785	1/2	635	1/2	0	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	5,211	3/4	4,061	3/4	2,911	3/4	1,761	3/4	611	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	5,187	8	4,037	8	2,887	8	1,737	8	587	8	0	8	8	8	8	8	8	8	8	8	8	8
1/4	1/4	5,163	1/4	4,013	1/4	2,863	1/4	1,713	1/4	563	1/4	0	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	5,139	1/2	3,989	1/2	2,839	1/2	1,689	1/2	539	1/2	0	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	5,116	3/4	3,965	3/4	2,815	3/4	1,665	3/4	515	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	5,092	9	3,941	9	2,791	9	1,641	9	491	9	0	9	9	9	9	9	9	9	9	9	9	9
1/4	1/4	5,068	1/4	3,917	1/4	2,767	1/4	1,617	1/4	467	1/4	0	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	5,044	1/2	3,894	1/2	2,743	1/2	1,593	1/2	443	1/2	0	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	5,020	3/4	3,870	3/4	2,719	3/4	1,569	3/4	419	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	4,996	10	3,846	10	2,696	10	1,545	10	395	10	0	10	10	10	10	10	10	10	10	10	10	10
1/4	1/4	4,972	1/4	3,822	1/4	2,672	1/4	1,521	1/4	371	1/4	0	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	4,948	1/2	3,798	1/2	2,648	1/2	1,498	1/2	347	1/2	0	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	4,924	3/4	3,774	3/4	2,624	3/4	1,474	3/4	323	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	4,900	11	3,750	11	2,600	11	1,450	11	300	11	0	11	11	11	11	11	11	11	11	11	11	11
1/4	1/4	4,876	1/4	3,726	1/4	2,576	1/4	1,426	1/4	276	1/4	0	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	4,852	1/2	3,702	1/2	2,552	1/2	1,402	1/2	252	1/2	0	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	4,828	3/4	3,678	3/4	2,528	3/4	1,378	3/4	228	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

NOTE: GAUGE POINT: TO TOP LIP OF 8" HATCH.
 NOTE: GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK
 NOTE: FOR GREATER ACCURACY, BARGE SHOULD BE UPRIGHT AND ON EVEN KEEL
 NOTE: MEASURED AND COMPUTED IN ACCORDANCE WITH API MPMS 2.7

DATE STRAPPED: 01/20/2017 BY: JM
 DATE COMPUTED: 01/20/2017 BY: CL
 DATE ISSUED: 01/20/2017

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.