



HSM 3012 Formerly  
**BARGE: HFL 3012**  
 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	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8
1 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8
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	- 00-1/8	00-1/8	- 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	- 00-1/8	00-1/8	- 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 - 00-1/4"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 235'-06"

December 23, 2016



**HSM 3012 Formerly  
BARGE: HFL 3012  
JEFFBOAT 16-2306**

**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 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	198,568	0	184,147	0	169,725	0	155,303	0	140,881	0	126,458	0	112,036	0	97,614	0	83,192	0	68,770	0	54,351	0	39,933	0	25,511	0	11,531	0		
1/4	1/4	198,268	1/4	183,847	1/4	169,425	1/4	155,002	1/4	140,580	1/4	126,158	1/4	111,736	1/4	97,314	1/4	82,891	1/4	68,470	1/4	54,051	1/4	39,632	1/4	25,210	1/4	11,262	1/4			
1/2	1/2	197,968	1/2	183,546	1/2	169,124	1/2	154,702	1/2	140,280	1/2	125,858	1/2	111,435	1/2	97,013	1/2	82,591	1/2	68,169	1/2	53,751	1/2	39,332	1/2	24,910	1/2	10,993	1/2			
3/4	3/4	197,668	3/4	183,246	3/4	168,824	3/4	154,401	3/4	139,979	3/4	125,557	3/4	111,135	3/4	96,713	3/4	82,291	3/4	67,869	3/4	53,450	3/4	39,031	3/4	24,609	3/4	10,724	3/4			
1	1	197,367	1	182,945	1	168,523	1	154,101	1	139,679	1	125,257	1	110,834	1	96,412	1	81,990	1	67,568	1	53,150	1	38,731	1	24,309	1	10,459	1			
1/4	1/4	197,067	1/4	182,645	1/4	168,223	1/4	153,801	1/4	139,378	1/4	124,956	1/4	110,534	1/4	96,112	1/4	81,690	1/4	67,268	1/4	52,850	1/4	38,430	1/4	24,008	1/4	10,194	1/4			
1/2	1/2	196,767	1/2	182,344	1/2	167,922	1/2	153,500	1/2	139,078	1/2	124,656	1/2	110,234	1/2	95,811	1/2	81,389	1/2	66,967	1/2	52,550	1/2	38,130	1/2	23,708	1/2	9,929	1/2			
3/4	3/4	196,466	3/4	182,044	3/4	167,622	3/4	153,200	3/4	138,777	3/4	124,355	3/4	109,933	3/4	95,511	3/4	81,089	3/4	66,667	3/4	52,249	3/4	37,830	3/4	23,407	3/4	9,665	3/4			
2	2	196,166	2	181,743	2	167,321	2	152,899	2	138,477	2	124,055	2	109,633	2	95,210	2	80,788	2	66,366	2	51,949	2	37,529	2	23,107	2	9,404	2			
1/4	1/4	195,865	1/4	181,443	1/4	167,021	1/4	152,599	1/4	138,176	1/4	123,754	1/4	109,332	1/4	94,910	1/4	80,488	1/4	66,066	1/4	51,649	1/4	37,229	1/4	22,806	1/4	9,143	1/4			
1/2	1/2	195,565	1/2	181,143	1/2	166,720	1/2	152,298	1/2	137,876	1/2	123,454	1/2	109,032	1/2	94,610	1/2	80,187	1/2	65,765	1/2	51,349	1/2	36,928	1/2	22,506	1/2	8,883	1/2			
3/4	3/4	195,264	3/4	180,842	3/4	166,420	3/4	151,998	3/4	137,576	3/4	123,153	3/4	108,731	3/4	94,309	3/4	79,887	3/4	65,465	3/4	51,048	3/4	36,628	3/4	22,206	3/4	8,622	3/4			
3	3	194,964	3	180,542	3	166,119	3	151,697	3	137,275	3	122,853	3	108,431	3	94,009	3	79,586	3	65,165	3	50,748	3	36,327	3	21,905	3	8,366	3			
1/4	1/4	194,663	1/4	180,241	1/4	165,819	1/4	151,397	1/4	136,975	1/4	122,552	1/4	108,130	1/4	93,708	1/4	79,286	1/4	64,864	1/4	50,448	1/4	36,027	1/4	21,605	1/4	8,109	1/4			
1/2	1/2	194,363	1/2	179,941	1/2	165,519	1/2	151,096	1/2	136,674	1/2	122,252	1/2	107,830	1/2	93,408	1/2	78,985	1/2	64,564	1/2	50,147	1/2	35,726	1/2	21,304	1/2	7,853	1/2			
3/4	3/4	194,062	3/4	179,640	3/4	165,218	3/4	150,796	3/4	136,374	3/4	121,952	3/4	107,529	3/4	93,107	3/4	78,685	3/4	64,263	3/4	49,847	3/4	35,426	3/4	21,004	3/4	7,596	3/4			
4	4	193,762	4	179,340	4	164,918	4	150,495	4	136,073	4	121,651	4	107,229	4	92,807	4	78,385	4	63,963	4	49,547	4	35,125	4	20,703	4	7,344	4			
1/4	1/4	193,462	1/4	179,039	1/4	164,617	1/4	150,195	1/4	135,773	1/4	121,351	1/4	106,928	1/4	92,506	1/4	78,084	1/4	63,662	1/4	49,247	1/4	34,825	1/4	20,403	1/4	7,092	1/4			
1/2	1/2	193,161	1/2	178,739	1/2	164,317	1/2	149,895	1/2	135,472	1/2	121,050	1/2	106,628	1/2	92,206	1/2	77,784	1/2	63,362	1/2	48,946	1/2	34,524	1/2	20,102	1/2	6,840	1/2			
3/4	3/4	192,861	3/4	178,438	3/4	164,016	3/4	149,594	3/4	135,172	3/4	120,750	3/4	106,328	3/4	91,905	3/4	77,483	3/4	63,061	3/4	48,646	3/4	34,224	3/4	19,802	3/4	6,588	3/4			
5	5	192,560	5	178,138	5	163,716	5	149,294	5	134,871	5	120,449	5	106,027	5	91,605	5	77,183	5	62,761	5	48,346	5	33,924	5	19,503	5	6,340	5			
1/4	1/4	192,260	1/4	177,837	1/4	163,415	1/4	148,993	1/4	134,571	1/4	120,149	1/4	105,727	1/4	91,304	1/4	76,882	1/4	62,460	1/4	48,045	1/4	33,623	1/4	19,205	1/4	6,092	1/4			
1/2	1/2	191,959	1/2	177,537	1/2	163,115	1/2	148,693	1/2	134,270	1/2	119,848	1/2	105,426	1/2	91,004	1/2	76,582	1/2	62,160	1/2	47,745	1/2	33,323	1/2	18,907	1/2	5,844	1/2			
3/4	3/4	191,659	3/4	177,237	3/4	162,814	3/4	148,392	3/4	133,970	3/4	119,548	3/4	105,126	3/4	90,704	3/4	76,281	3/4	61,860	3/4	47,444	3/4	33,022	3/4	18,608	3/4	5,596	3/4			
6	6	191,358	6	176,936	6	162,514	6	148,092	6	133,670	6	119,247	6	104,825	6	90,403	6	75,981	6	61,559	6	47,144	6	32,722	6	18,314	6	5,353	6			
1/4	1/4	191,058	1/4	176,636	1/4	162,213	1/4	147,791	1/4	133,369	1/4	118,947	1/4	104,525	1/4	90,103	1/4	75,680	1/4	61,259	1/4	46,843	1/4	32,421	1/4	18,020	1/4	5,109	1/4			
1/2	1/2	190,757	1/2	176,335	1/2	161,913	1/2	147,491	1/2	133,069	1/2	118,646	1/2	104,224	1/2	89,802	1/2	75,380	1/2	60,958	1/2	46,543	1/2	32,121	1/2	17,726	1/2	4,866	1/2			
3/4	3/4	190,457	3/4	176,035	3/4	161,613	3/4	147,190	3/4	132,768	3/4	118,346	3/4	103,924	3/4	89,502	3/4	75,080	3/4	60,658	3/4	46,243	3/4	31,820	3/4	17,432	3/4	4,623	3/4			
7	7	190,156	7	175,734	7	161,312	7	146,890	7	132,468	7	118,046	7	103,623	7	89,201	7	74,779	7	60,357	7	45,942	7	31,520	7	17,142	7	4,384	7			
1/4	1/4	189,856	1/4	175,434	1/4	161,012	1/4	146,589	1/4	132,167	1/4	117,745	1/4	103,323	1/4	88,901	1/4	74,479	1/4	60,057	1/4	45,642	1/4	31,219	1/4	16,852	1/4	4,146	1/4			
1/2	1/2	189,555	1/2	175,133	1/2	160,711	1/2	146,289	1/2	131,867	1/2	117,445	1/2	103,022	1/2	88,600	1/2	74,178	1/2	59,757	1/2	45,341	1/2	30,919	1/2	16,562	1/2	3,907	1/2			
3/4	3/4	202,768	3/4	189,255	3/4	174,833	3/4	160,411	3/4	145,989	3/4	131,566	3/4	117,144	3/4	102,722	3/4	88,300	3/4	73,878	3/4	59,456	3/4	45,041	3/4	30,618	3/4	16,272	3/4	3,669	3/4	
8	202,593	8	188,955	8	174,532	8	160,110	8	145,688	8	131,266	8	116,844	8	102,422	8	87,999	8	73,577	8	59,156	8	44,740	8	30,318	8	15,986	8	3,436	8		
1/4	1/4	202,417	1/4	188,654	1/4	174,232	1/4	159,810	1/4	145,388	1/4	130,965	1/4	116,543	1/4	102,121	1/4	87,699	1/4	73,277	1/4	58,855	1/4	44,440	1/4	30,018	1/4	15,700	1/4	3,202	1/4	
1/2	1/2	202,242	1/2	188,354	1/2	173,931	1/2	159,509	1/2	145,087	1/2	130,665	1/2	116,243	1/2	101,821	1/2	87,398	1/2	72,976	1/2	58,555	1/2	44,139	1/2	29,717	1/2	15,414	1/2	2,969	1/2	
3/4	3/4	202,067	3/4	188,053	3/4	173,631	3/4	159,209	3/4	144,787	3/4	130,364	3/4	115,942	3/4	101,520	3/4	87,098	3/4	72,676	3/4	58,254	3/4	43,839	3/4	29,417	3/4	15,129	3/4	2,735	3/4	
9	201,842	9	187,753	9	173,331	9	158,908	9	144,486	9	130,064	9	115,642	9	101,220	9	86,797	9	72,375	9	57,954	9	43,538	9	29,116	9	14,847	9	2,508	9		
1/4	1/4	201,616	1/4	187,452	1/4	173,030	1/4	158,608	1/4	144,186	1/4	129,764	1/4	115,341	1/4	100,919	1/4	86,497	1/4	72,075	1/4	57,654	1/4	43,238	1/4	28,816	1/4	14,565	1/4	2,280	1/4	
1/2	1/2	201,391	1/2	187,152	1/2	172,730	1/2	158,307	1/2	143,885	1/2	129,463	1/2	115,041	1/2	100,619	1/2	86,197	1/2	71,775	1/2	57,354	1/2	42,937	1/2	28,515	1/2	14,284	1/2	2,053	1/2	
3/4	3/4	201,166	3/4	186,851	3/4	172,429	3/4	158,007	3/4	143,585	3/4	129,163	3/4	114,740	3/4	100,318	3/4	85,896	3/4	71,474	3/4	57,053	3/4	42,637	3/4							



# HSM 3012 Formerly BARGE: HFL 3012 JEFFBOAT 16-2306

**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 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	197,956	0	183,535	0	169,112	0	154,690	0	140,268	0	125,846	0	111,424	0	97,001	0	82,579	0	68,157	0	53,742	0	39,322	0	24,910	0	10,993	0	
1/4	1/4	197,656	183,234	1/4	168,812	1/4	154,390	1/4	139,968	1/4	125,545	1/4	111,123	1/4	96,701	1/4	82,279	1/4	67,857	1/4	53,442	1/4	39,031	1/4	24,609	1/4	10,724	1/4			
1/2	1/2	197,356	182,934	1/2	168,511	1/2	154,089	1/2	139,667	1/2	125,245	1/2	110,823	1/2	96,401	1/2	81,978	1/2	67,556	1/2	53,142	1/2	38,731	1/2	24,309	1/2	10,459	1/2			
3/4	3/4	197,055	182,633	3/4	168,211	3/4	153,789	3/4	139,367	3/4	124,944	3/4	110,522	3/4	96,100	3/4	81,678	3/4	67,256	3/4	52,842	3/4	38,430	3/4	24,008	3/4	10,194	3/4			
1	1	196,755	182,333	1	167,910	1	153,488	1	139,066	1	124,644	1	110,222	1	95,800	1	81,377	1	66,956	1	52,542	1	38,130	1	23,708	1	9,929	1			
1/4	1/4	196,454	182,032	1/4	167,610	1/4	153,188	1/4	138,766	1/4	124,344	1/4	109,921	1/4	95,499	1/4	81,077	1/4	66,655	1/4	52,242	1/4	37,830	1/4	23,407	1/4	9,665	1/4			
1/2	1/2	196,154	181,732	1/2	167,310	1/2	152,887	1/2	138,465	1/2	124,043	1/2	109,621	1/2	95,199	1/2	80,777	1/2	66,355	1/2	51,942	1/2	37,529	1/2	23,107	1/2	9,404	1/2			
3/4	3/4	195,853	181,431	3/4	167,009	3/4	152,587	3/4	138,165	3/4	123,743	3/4	109,320	3/4	94,898	3/4	80,476	3/4	66,054	3/4	51,642	3/4	37,229	3/4	22,806	3/4	9,143	3/4			
2	2	195,553	181,131	2	166,709	2	152,286	2	137,864	2	123,442	2	109,020	2	94,598	2	80,176	2	65,754	2	51,342	2	36,928	2	22,506	2	8,883	2			
1/4	1/4	195,253	180,830	1/4	166,408	1/4	151,986	1/4	137,564	1/4	123,142	1/4	108,719	1/4	94,297	1/4	79,875	1/4	65,453	1/4	51,042	1/4	36,628	1/4	22,206	1/4	8,622	1/4			
1/2	1/2	194,952	180,530	1/2	166,108	1/2	151,686	1/2	137,263	1/2	122,841	1/2	108,419	1/2	93,997	1/2	79,575	1/2	65,153	1/2	50,742	1/2	36,327	1/2	21,905	1/2	8,366	1/2			
3/4	3/4	194,652	180,229	3/4	165,807	3/4	151,385	3/4	136,963	3/4	122,541	3/4	108,119	3/4	93,696	3/4	79,274	3/4	64,852	3/4	50,442	3/4	36,027	3/4	21,605	3/4	8,109	3/4			
3	3	194,351	179,929	3	165,507	3	151,085	3	136,662	3	122,240	3	107,818	3	93,396	3	78,974	3	64,552	3	50,142	3	35,726	3	21,304	3	7,853	3			
1/4	1/4	194,051	179,629	1/4	165,206	1/4	150,784	1/4	136,362	1/4	121,940	1/4	107,518	1/4	93,095	1/4	78,673	1/4	64,251	1/4	49,842	1/4	35,426	1/4	21,004	1/4	7,596	1/4			
1/2	1/2	193,750	179,328	1/2	164,906	1/2	150,484	1/2	136,062	1/2	121,639	1/2	107,217	1/2	92,795	1/2	78,373	1/2	63,951	1/2	49,542	1/2	35,125	1/2	20,703	1/2	7,344	1/2			
3/4	3/4	193,450	179,028	3/4	164,605	3/4	150,183	3/4	135,761	3/4	121,339	3/4	106,917	3/4	92,495	3/4	78,072	3/4	63,651	3/4	49,242	3/4	34,825	3/4	20,403	3/4	7,092	3/4			
4	4	193,149	178,727	4	164,305	4	149,883	4	135,461	4	121,038	4	106,616	4	92,194	4	77,772	4	63,350	4	48,942	4	34,524	4	20,102	4	6,840	4			
1/4	1/4	192,849	178,427	1/4	164,004	1/4	149,582	1/4	135,160	1/4	120,738	1/4	106,316	1/4	91,894	1/4	77,471	1/4	63,050	1/4	48,642	1/4	34,224	1/4	19,802	1/4	6,588	1/4			
1/2	1/2	192,548	178,126	1/2	163,704	1/2	149,282	1/2	134,860	1/2	120,437	1/2	106,015	1/2	91,593	1/2	77,171	1/2	62,749	1/2	48,342	1/2	33,924	1/2	19,503	1/2	6,340	1/2			
3/4	3/4	192,248	177,826	3/4	163,404	3/4	148,981	3/4	134,559	3/4	120,137	3/4	105,715	3/4	91,293	3/4	76,871	3/4	62,449	3/4	48,042	3/4	33,623	3/4	19,205	3/4	6,092	3/4			
5	5	191,947	177,525	5	163,103	5	148,681	5	134,259	5	119,837	5	105,414	5	90,992	5	76,570	5	62,148	5	47,743	5	33,323	5	18,907	5	5,844	5			
1/4	1/4	191,647	177,225	1/4	162,803	1/4	148,380	1/4	133,958	1/4	119,536	1/4	105,114	1/4	90,692	1/4	76,270	1/4	61,848	1/4	47,443	1/4	33,022	1/4	18,608	1/4	5,596	1/4			
1/2	1/2	191,347	176,924	1/2	162,502	1/2	148,080	1/2	133,658	1/2	119,236	1/2	104,813	1/2	90,391	1/2	75,969	1/2	61,547	1/2	47,143	1/2	32,722	1/2	18,314	1/2	5,353	1/2			
3/4	3/4	191,046	176,624	3/4	162,202	3/4	147,780	3/4	133,357	3/4	118,935	3/4	104,513	3/4	90,091	3/4	75,669	3/4	61,247	3/4	46,843	3/4	32,421	3/4	18,020	3/4	5,109	3/4			
6	6	190,746	176,323	6	161,901	6	147,479	6	133,057	6	118,635	6	104,213	6	89,790	6	75,368	6	60,946	6	46,543	6	32,121	6	17,726	6	4,866	6			
1/4	1/4	190,445	176,023	1/4	161,601	1/4	147,179	1/4	132,756	1/4	118,334	1/4	103,912	1/4	89,490	1/4	75,068	1/4	60,646	1/4	46,243	1/4	31,820	1/4	17,432	1/4	4,623	1/4			
1/2	1/2	190,145	175,723	1/2	161,300	1/2	146,878	1/2	132,456	1/2	118,034	1/2	103,612	1/2	89,189	1/2	74,767	1/2	60,346	1/2	45,942	1/2	31,520	1/2	17,142	1/2	4,384	1/2			
3/4	3/4	189,844	175,422	3/4	161,000	3/4	146,578	3/4	132,156	3/4	117,733	3/4	103,311	3/4	88,889	3/4	74,467	3/4	60,045	3/4	45,642	3/4	31,219	3/4	16,852	3/4	4,146	3/4			
7	7	189,544	175,122	7	160,699	7	146,277	7	131,855	7	117,433	7	103,011	7	88,589	7	74,166	7	59,745	7	45,341	7	30,919	7	16,562	7	3,907	7			
1/4	1/4	202,756	189,243	1/4	174,821	1/4	160,399	1/4	145,977	1/4	131,555	1/4	117,132	1/4	88,288	1/4	73,866	1/4	59,445	1/4	45,041	1/4	30,618	1/4	16,272	1/4	3,669	1/4			
1/2	1/2	202,581	188,943	1/2	174,521	1/2	160,098	1/2	145,676	1/2	131,254	1/2	116,832	1/2	87,988	1/2	73,566	1/2	59,144	1/2	44,740	1/2	30,318	1/2	15,986	1/2	3,436	1/2			
3/4	3/4	202,406	188,642	3/4	174,220	3/4	159,798	3/4	145,376	3/4	130,954	3/4	116,531	3/4	87,687	3/4	73,265	3/4	58,844	3/4	44,440	3/4	30,018	3/4	15,700	3/4	3,202	3/4			
8	8	202,230	188,342	8	173,920	8	159,498	8	145,075	8	130,653	8	116,231	8	87,387	8	72,965	8	58,544	8	44,139	8	29,717	8	15,414	8	2,969	8			
1/4	1/4	202,055	188,041	1/4	173,619	1/4	159,197	1/4	144,775	1/4	130,353	1/4	115,931	1/4	87,086	1/4	72,664	1/4	58,243	1/4	43,839	1/4	29,417	1/4	15,129	1/4	2,735	1/4			
1/2	1/2	201,830	187,741	1/2	173,319	1/2	158,897	1/2	144,474	1/2	130,052	1/2	115,630	1/2	86,786	1/2	72,364	1/2	57,943	1/2	43,538	1/2	29,116	1/2	14,847	1/2	2,508	1/2			
3/4	3/4	201,604	187,441	3/4	173,018	3/4	158,596	3/4	144,174	3/4	129,752	3/4	115,330	3/4	86,485	3/4	72,063	3/4	57,643	3/4	43,238	3/4	28,816	3/4	14,565	3/4	2,280	3/4			
9	9	201,379	187,140	9	172,718	9	158,296	9	143,874	9	129,451	9	115,029	9	86,185	9	71,763	9	57,343	9	42,937	9	28,515	9	14,284	9	2,053	9			
1/4	1/4	201,154	186,840	1/4	172,417	1/4	157,995	1/4	143,573	1/4	129,151	1/4	114,729	1/4	85,884	1/4	71,462	1/4	57,043	1/4	42,637	1/4	28,215	1/4	14,002	1/4	1,825	1/4			
1/2	1/2	200,878	186,539	1/2	172,117	1/2	157,695	1/2	143,273	1/2	128,850	1/2	114,428	1/2	85,584	1/2	71,162	1/2	56,743	1/2	42,336	1/2	27,914	1/2	13,725	1/2	1,636	1/2			
3/4	3/4	200,603	186,239	3/4	171,817	3/4	157,394	3/4	142,972	3/4	128,550	3/4	114,128	3/4	85,283	3/4	70,861	3/4	56,443	3/4	42,036	3/4	27,614	3/4	13,447	3/4	1,447	3/4			
10	10	200,328	185,938	10	171,516	10	157,094	10	142,672	10	128,250	10	113,827	10	84,983	10	70,561	10	56,142	10	41,736	10	27,313	10	13,170	10	1,257	10			
1/4	1/4	200,052	185,638	1/4																											



**HSM 3012 Formerly  
BARGE: HFL 3012  
JEFFBOAT 16-2306**

**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 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	214,443	0	199,092	0	183,739	0	168,386	0	153,033	0	137,681	0	122,328	0	106,975	0	91,622	0	76,270	0	60,917	0	45,566	0	30,218	0	14,865	0	
1/4		1/4	214,124	1/4	198,772	1/4	183,419	1/4	168,066	1/4	152,714	1/4	137,361	1/4	122,008	1/4	106,655	1/4	91,302	1/4	75,950	1/4	60,597	1/4	45,246	1/4	29,898	1/4	14,546	1/4	
1/2		1/2	213,804	1/2	198,452	1/2	183,099	1/2	167,746	1/2	152,394	1/2	137,041	1/2	121,688	1/2	106,335	1/2	90,983	1/2	75,630	1/2	60,277	1/2	44,927	1/2	29,578	1/2	14,226	1/2	
3/4		3/4	213,485	3/4	198,132	3/4	182,779	3/4	167,427	3/4	152,074	3/4	136,721	3/4	121,368	3/4	106,016	3/4	90,663	3/4	75,310	3/4	59,957	3/4	44,607	3/4	29,259	3/4	13,906	3/4	
1		1	213,165	1	197,812	1	182,459	1	167,107	1	151,754	1	136,401	1	121,048	1	105,696	1	90,343	1	74,990	1	59,638	1	44,287	1	28,939	1	13,586	1	
1/4		1/4	212,845	1/4	197,492	1/4	182,140	1/4	166,787	1/4	151,434	1/4	136,081	1/4	120,729	1/4	105,376	1/4	90,023	1/4	74,670	1/4	59,318	1/4	43,968	1/4	28,619	1/4	13,266	1/4	
1/2		1/2	212,525	1/2	197,173	1/2	181,820	1/2	166,467	1/2	151,114	1/2	135,762	1/2	120,409	1/2	105,056	1/2	89,703	1/2	74,350	1/2	58,998	1/2	43,648	1/2	28,299	1/2	12,946	1/2	
3/4		3/4	212,205	3/4	196,853	3/4	181,500	3/4	166,147	3/4	150,794	3/4	135,442	3/4	120,089	3/4	104,736	3/4	89,383	3/4	74,031	3/4	58,678	3/4	43,328	3/4	27,979	3/4	12,626	3/4	
2		2	211,886	2	196,533	2	181,180	2	165,827	2	150,475	2	135,122	2	119,769	2	104,416	2	89,064	2	73,711	2	58,358	2	43,009	2	27,659	2	12,307	2	
1/4		1/4	211,566	1/4	196,213	1/4	180,860	1/4	165,507	1/4	150,155	1/4	134,802	1/4	119,449	1/4	104,096	1/4	88,744	1/4	73,391	1/4	58,038	1/4	42,689	1/4	27,340	1/4	11,987	1/4	
1/2		1/2	211,246	1/2	195,893	1/2	180,540	1/2	165,188	1/2	149,835	1/2	134,482	1/2	119,129	1/2	103,777	1/2	88,424	1/2	73,071	1/2	57,719	1/2	42,369	1/2	27,020	1/2	11,667	1/2	
3/4		3/4	210,926	3/4	195,573	3/4	180,221	3/4	164,868	3/4	149,515	3/4	134,162	3/4	118,810	3/4	103,457	3/4	88,104	3/4	72,751	3/4	57,399	3/4	42,050	3/4	26,700	3/4	11,347	3/4	
3		3	210,606	3	195,253	3	179,901	3	164,548	3	149,195	3	133,842	3	118,490	3	103,137	3	87,784	3	72,431	3	57,079	3	41,730	3	26,380	3	11,027	3	
1/4		1/4	210,286	1/4	194,934	1/4	179,581	1/4	164,228	1/4	148,875	1/4	133,523	1/4	118,170	1/4	102,817	1/4	87,464	1/4	72,112	1/4	56,759	1/4	41,410	1/4	26,060	1/4	10,707	1/4	
1/2		1/2	209,967	1/2	194,614	1/2	179,261	1/2	163,908	1/2	148,555	1/2	133,203	1/2	117,850	1/2	102,497	1/2	87,144	1/2	71,792	1/2	56,439	1/2	41,091	1/2	25,740	1/2	10,388	1/2	
3/4		3/4	209,647	3/4	194,294	3/4	178,941	3/4	163,588	3/4	148,236	3/4	132,883	3/4	117,530	3/4	102,177	3/4	86,825	3/4	71,472	3/4	56,119	3/4	40,771	3/4	25,420	3/4	10,068	3/4	
4		4	209,327	4	193,974	4	178,621	4	163,269	4	147,916	4	132,563	4	117,210	4	101,857	4	86,505	4	71,152	4	55,800	4	40,451	4	25,101	4	9,748	4	
1/4		1/4	209,007	1/4	193,654	1/4	178,301	1/4	162,949	1/4	147,596	1/4	132,243	1/4	116,890	1/4	101,538	1/4	86,185	1/4	70,832	1/4	55,480	1/4	40,132	1/4	24,781	1/4	9,428	1/4	
1/2		1/2	208,687	1/2	193,334	1/2	177,982	1/2	162,629	1/2	147,276	1/2	131,923	1/2	116,571	1/2	101,218	1/2	85,865	1/2	70,512	1/2	55,160	1/2	39,812	1/2	24,461	1/2	9,108	1/2	
3/4		3/4	208,367	3/4	193,015	3/4	177,662	3/4	162,309	3/4	146,956	3/4	131,603	3/4	116,251	3/4	100,898	3/4	85,545	3/4	70,192	3/4	54,840	3/4	39,492	3/4	24,141	3/4	8,789	3/4	
5		5	208,047	5	192,695	5	177,342	5	161,989	5	146,636	5	131,284	5	115,931	5	100,578	5	85,225	5	69,873	5	54,520	5	39,173	5	23,821	5	8,469	5	
1/4		1/4	207,728	1/4	192,375	1/4	177,022	1/4	161,669	1/4	146,317	1/4	130,964	1/4	115,611	1/4	100,258	1/4	84,905	1/4	69,553	1/4	54,200	1/4	38,853	1/4	23,501	1/4	8,149	1/4	
1/2		1/2	207,408	1/2	192,055	1/2	176,702	1/2	161,349	1/2	145,997	1/2	130,644	1/2	115,291	1/2	99,938	1/2	84,586	1/2	69,233	1/2	53,880	1/2	38,533	1/2	23,181	1/2	7,830	1/2	
3/4		3/4	207,088	3/4	191,735	3/4	176,382	3/4	161,030	3/4	145,677	3/4	130,324	3/4	114,971	3/4	99,619	3/4	84,266	3/4	68,913	3/4	53,561	3/4	38,214	3/4	22,862	3/4	7,510	3/4	
6		6	206,768	6	191,415	6	176,063	6	160,710	6	145,357	6	130,004	6	114,651	6	99,299	6	83,946	6	68,593	6	53,241	6	37,894	6	22,542	6	7,191	6	
1/4		1/4	206,448	1/4	191,095	1/4	175,743	1/4	160,390	1/4	145,037	1/4	129,684	1/4	114,332	1/4	98,979	1/4	83,626	1/4	68,273	1/4	52,921	1/4	37,574	1/4	22,222	1/4	6,872	1/4	
1/2		1/2	206,128	1/2	190,776	1/2	175,423	1/2	160,070	1/2	144,717	1/2	129,365	1/2	114,012	1/2	98,659	1/2	83,306	1/2	67,953	1/2	52,601	1/2	37,255	1/2	21,902	1/2	6,552	1/2	
3/4		3/4	205,808	3/4	190,456	3/4	175,103	3/4	159,750	3/4	144,397	3/4	129,045	3/4	113,692	3/4	98,339	3/4	82,986	3/4	67,634	3/4	52,281	3/4	36,935	3/4	21,582	3/4	6,234	3/4	
7		7	205,489	7	190,136	7	174,783	7	159,430	7	144,078	7	128,725	7	113,372	7	98,019	7	82,667	7	67,314	7	51,961	7	36,615	7	21,262	7	5,915	7	
1/4		1/4	205,169	1/4	189,816	1/4	174,463	1/4	159,111	1/4	143,758	1/4	128,405	1/4	113,052	1/4	97,699	1/4	82,347	1/4	66,994	1/4	51,642	1/4	36,295	1/4	20,943	1/4	5,596	1/4	
5/8	219,074	1/2	204,849	1/2	189,496	1/2	174,143	1/2	158,791	1/2	143,438	1/2	128,085	1/2	112,732	1/2	97,380	1/2	82,027	1/2	66,674	1/2	51,322	1/2	35,975	1/2	20,623	1/2	5,277	1/2	
3/4	218,981	3/4	204,529	3/4	189,176	3/4	173,824	3/4	158,471	3/4	143,118	3/4	127,765	3/4	112,413	3/4	97,060	3/4	81,707	3/4	66,354	3/4	51,002	3/4	35,656	3/4	20,303	3/4	4,960	3/4	
8	218,794	8	204,209	8	188,856	8	173,504	8	158,151	8	142,798	8	127,445	8	112,093	8	96,740	8	81,387	8	66,034	8	50,682	8	35,336	8	19,983	8	4,642	8	
1/4	218,607	1/4	203,889	1/4	188,537	1/4	173,184	1/4	157,831	1/4	142,478	1/4	127,126	1/4	111,773	1/4	96,420	1/4	81,067	1/4	65,715	1/4	50,362	1/4	35,016	1/4	19,663	1/4	4,324	1/4	
1/2	218,421	1/2	203,570	1/2	188,217	1/2	172,864	1/2	157,511	1/2	142,158	1/2	126,806	1/2	111,453	1/2	96,100	1/2	80,747	1/2	65,395	1/2	50,042	1/2	34,696	1/2	19,343	1/2	4,007	1/2	
3/4	218,188	3/4	203,250	3/4	187,897	3/4	172,544	3/4	157,191	3/4	141,839	3/4	126,486	3/4	111,133	3/4	95,780	3/4	80,428	3/4	65,075	3/4	49,723	3/4	34,376	3/4	19,023	3/4	3,690	3/4	
9	217,954	9	202,930	9	187,577	9	172,224	9	156,872	9	141,519	9	126,166	9	110,813	9	95,461	9	80,108	9	64,755	9	49,403	9	34,056	9	18,704	9	3,374	9	
1/4	217,721	1/4	202,610	1/4	187,257	1/4	171,904	1/4	156,552	1/4	141,199	1/4	125,846	1/4	110,493	1/4	95,141	1/4	79,788	1/4	64,435	1/4	49,083	1/4	33,737	1/4	18,384	1/4	3,058	1/4	
1/2	217,488	1/2	202,290	1/2	186,937	1/2	171,585	1/2	156,232	1/2	140,879	1/2	125,526	1/2	110,174	1/2	94,821	1/2	79,468	1/2	64,115	1/2	48,763	1/2	33,417	1/2	18,064	1/2	2,742	1/2	
3/4	217,201	3/4	201,970	3/4	186,618	3/4	171,265	3/4	155,912	3/4	140,559	3/4	125,206	3/4	109,854	3/4	94,501	3/4	79,148	3/4	63,796	3/4	48,443	3/4	33,097	3/4	17,744	3/4	2,458	3/4	
10	216,915	10	201,650	10	186,298	10	170,945	10	155,592	10	14																				



**HSM 3012 Formerly  
BARGE: HFL 3012  
JEFFBOAT 16-2306**

**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	1/4	198,742	1/4	183,389	1/4	168,037	1/4	152,684	1/4	137,331	1/4	121,978	1/4	106,625	1/4	91,273	1/4	75,920	1/4	60,570	1/4	45,230	1/4	29,898	1/4	14,546	1/4		
1/2	1/2	213,775	1/2	198,422	1/2	183,069	1/2	167,717	1/2	152,364	1/2	137,011	1/2	121,658	1/2	106,306	1/2	90,953	1/2	75,600	1/2	60,251	1/2	44,911	1/2	29,578	1/2	14,226	1/2		
3/4	3/4	213,455	3/4	198,102	3/4	182,750	3/4	167,397	3/4	152,044	3/4	136,691	3/4	121,339	3/4	105,986	3/4	90,633	3/4	75,280	3/4	59,931	3/4	44,592	3/4	29,259	3/4	13,906	3/4		
1	1	213,135	1	197,783	1	182,430	1	167,077	1	151,724	1	136,371	1	121,019	1	105,666	1	90,313	1	74,961	1	59,611	1	44,272	1	28,939	1	13,586	1		
1/4	1/4	212,815	1/4	197,463	1/4	182,110	1/4	166,757	1/4	151,404	1/4	136,052	1/4	120,699	1/4	105,346	1/4	89,993	1/4	74,641	1/4	59,291	1/4	43,953	1/4	28,619	1/4	13,266	1/4		
1/2	1/2	212,496	1/2	197,143	1/2	181,790	1/2	166,437	1/2	151,085	1/2	135,732	1/2	120,379	1/2	105,026	1/2	89,673	1/2	74,321	1/2	58,972	1/2	43,634	1/2	28,299	1/2	12,946	1/2		
3/4	3/4	212,176	3/4	196,823	3/4	181,470	3/4	166,117	3/4	150,765	3/4	135,412	3/4	120,059	3/4	104,706	3/4	89,354	3/4	74,001	3/4	58,652	3/4	43,315	3/4	27,979	3/4	12,626	3/4		
2	2	211,856	2	196,503	2	181,150	2	165,798	2	150,445	2	135,092	2	119,739	2	104,387	2	89,034	2	73,681	2	58,332	2	42,996	2	27,659	2	12,307	2		
1/4	1/4	211,536	1/4	196,183	1/4	180,831	1/4	165,478	1/4	150,125	1/4	134,772	1/4	119,419	1/4	104,067	1/4	88,714	1/4	73,362	1/4	58,012	1/4	42,677	1/4	27,340	1/4	11,987	1/4		
1/2	1/2	211,216	1/2	195,863	1/2	180,511	1/2	165,158	1/2	149,805	1/2	134,452	1/2	119,100	1/2	103,747	1/2	88,394	1/2	73,042	1/2	57,693	1/2	42,357	1/2	27,020	1/2	11,667	1/2		
3/4	3/4	210,896	3/4	195,544	3/4	180,191	3/4	164,838	3/4	149,485	3/4	134,133	3/4	118,780	3/4	103,427	3/4	88,074	3/4	72,722	3/4	57,373	3/4	42,038	3/4	26,700	3/4	11,347	3/4		
3	3	210,576	3	195,224	3	179,871	3	164,518	3	149,165	3	133,813	3	118,460	3	103,107	3	87,754	3	72,402	3	57,053	3	41,719	3	26,380	3	11,027	3		
1/4	1/4	210,257	1/4	194,904	1/4	179,551	1/4	164,198	1/4	148,846	1/4	133,493	1/4	118,140	1/4	102,787	1/4	87,435	1/4	72,082	1/4	56,733	1/4	41,400	1/4	26,060	1/4	10,707	1/4		
1/2	1/2	209,937	1/2	194,584	1/2	179,231	1/2	163,879	1/2	148,526	1/2	133,173	1/2	117,820	1/2	102,467	1/2	87,115	1/2	71,763	1/2	56,414	1/2	41,081	1/2	25,740	1/2	10,388	1/2		
3/4	3/4	209,617	3/4	194,264	3/4	178,911	3/4	163,559	3/4	148,206	3/4	132,853	3/4	117,500	3/4	102,148	3/4	86,795	3/4	71,443	3/4	56,094	3/4	40,762	3/4	25,420	3/4	10,068	3/4		
4	4	209,297	4	193,944	4	178,592	4	163,239	4	147,886	4	132,533	4	117,181	4	101,828	4	86,475	4	71,123	4	55,774	4	40,442	4	25,101	4	9,748	4		
1/4	1/4	208,977	1/4	193,624	1/4	178,272	1/4	162,919	1/4	147,566	1/4	132,213	1/4	116,861	1/4	101,508	1/4	86,155	1/4	70,803	1/4	55,454	1/4	40,123	1/4	24,781	1/4	9,428	1/4		
1/2	1/2	208,657	1/2	193,305	1/2	177,952	1/2	162,599	1/2	147,246	1/2	131,894	1/2	116,541	1/2	101,188	1/2	85,835	1/2	70,483	1/2	55,134	1/2	39,804	1/2	24,461	1/2	9,108	1/2		
3/4	3/4	208,338	3/4	192,985	3/4	177,632	3/4	162,279	3/4	146,926	3/4	131,574	3/4	116,221	3/4	100,868	3/4	85,515	3/4	70,164	3/4	54,815	3/4	39,485	3/4	24,141	3/4	8,789	3/4		
5	5	208,018	5	192,665	5	177,312	5	161,959	5	146,607	5	131,254	5	115,901	5	100,548	5	85,196	5	69,844	5	54,495	5	39,166	5	23,821	5	8,469	5		
1/4	1/4	207,698	1/4	192,345	1/4	176,992	1/4	161,640	1/4	146,287	1/4	130,934	1/4	115,581	1/4	100,229	1/4	84,876	1/4	69,524	1/4	54,175	1/4	38,847	1/4	23,501	1/4	8,149	1/4		
1/2	1/2	207,378	1/2	192,025	1/2	176,672	1/2	161,320	1/2	145,967	1/2	130,614	1/2	115,261	1/2	99,909	1/2	84,556	1/2	69,204	1/2	53,855	1/2	38,527	1/2	23,181	1/2	7,830	1/2		
3/4	3/4	207,058	3/4	191,705	3/4	176,353	3/4	161,000	3/4	145,647	3/4	130,294	3/4	114,942	3/4	99,589	3/4	84,236	3/4	68,884	3/4	53,536	3/4	38,208	3/4	22,862	3/4	7,510	3/4		
6	6	206,738	6	191,386	6	176,033	6	160,680	6	145,327	6	129,974	6	114,622	6	99,269	6	83,916	6	68,565	6	53,216	6	37,889	6	22,542	6	7,191	6		
1/4	1/4	206,418	1/4	191,066	1/4	175,713	1/4	160,360	1/4	145,007	1/4	129,655	1/4	114,302	1/4	98,949	1/4	83,596	1/4	68,245	1/4	52,896	1/4	37,570	1/4	22,222	1/4	6,872	1/4		
1/2	1/2	206,099	1/2	190,746	1/2	175,393	1/2	160,040	1/2	144,688	1/2	129,335	1/2	113,982	1/2	98,629	1/2	83,277	1/2	67,925	1/2	52,576	1/2	37,251	1/2	21,902	1/2	6,552	1/2		
3/4	3/4	205,779	3/4	190,426	3/4	175,073	3/4	159,720	3/4	144,368	3/4	129,015	3/4	113,662	3/4	98,309	3/4	82,957	3/4	67,605	3/4	52,257	3/4	36,932	3/4	21,582	3/4	6,234	3/4		
7	7	205,459	7	190,106	7	174,753	7	159,401	7	144,048	7	128,695	7	113,342	7	97,990	7	82,637	7	67,286	7	51,937	7	36,612	7	21,262	7	5,915	7		
1/4	1/4	205,139	1/4	189,786	1/4	174,434	1/4	159,081	1/4	143,728	1/4	128,375	1/4	113,022	1/4	97,670	1/4	82,317	1/4	66,966	1/4	51,617	1/4	36,293	1/4	20,943	1/4	5,596	1/4		
5/8	219,044	1/2	204,819	1/2	189,466	1/2	174,114	1/2	158,761	1/2	143,408	1/2	128,055	1/2	112,703	1/2	97,350	1/2	81,997	1/2	66,646	1/2	51,298	1/2	35,974	1/2	20,623	1/2	5,277	1/2	
3/4	218,951	3/4	204,499	3/4	189,147	3/4	173,794	3/4	158,441	3/4	143,088	3/4	127,736	3/4	112,383	3/4	97,030	3/4	81,677	3/4	66,326	3/4	50,978	3/4	35,654	3/4	20,303	3/4	4,960	3/4	
8	218,764	8	204,180	8	188,827	8	173,474	8	158,121	8	142,768	8	127,416	8	112,063	8	96,710	8	81,357	8	66,007	8	50,658	8	35,335	8	19,983	8	4,642	8	
1/4	218,578	1/4	203,860	1/4	188,507	1/4	173,154	1/4	157,801	1/4	142,449	1/4	127,096	1/4	111,743	1/4	96,390	1/4	81,038	1/4	65,687	1/4	50,339	1/4	35,015	1/4	19,663	1/4	4,324	1/4	
1/2	218,391	1/2	203,540	1/2	188,187	1/2	172,834	1/2	157,482	1/2	142,129	1/2	126,776	1/2	111,423	1/2	96,070	1/2	80,718	1/2	65,367	1/2	50,019	1/2	34,696	1/2	19,343	1/2	4,007	1/2	
3/4	218,158	3/4	203,220	3/4	187,867	3/4	172,514	3/4	157,162	3/4	141,809	3/4	126,456	3/4	111,103	3/4	95,751	3/4	80,398	3/4	65,047	3/4	49,700	3/4	34,376	3/4	19,023	3/4	3,690	3/4	
9	217,925	9	202,900	9	187,547	9	172,195	9	156,842	9	141,489	9	126,136	9	110,784	9	95,431	9	80,078	9	64,727	9	49,380	9	34,056	9	18,704	9	3,374	9	
1/4	217,691	1/4	202,580	1/4	187,227	1/4	171,875	1/4	156,522	1/4	141,169	1/4	125,816	1/4	110,464	1/4	95,111	1/4	79,758	1/4	64,408	1/4	49,061	1/4	33,736	1/4	18,384	1/4	3,058	1/4	
1/2	217,458	1/2	202,260	1/2	186,908	1/2	171,555	1/2	156,202	1/2	140,849	1/2	125,497	1/2	110,144	1/2	94,791	1/2	79,438	1/2	64,088	1/2	48,741	1/2	33,417	1/2	18,064	1/2	2,742	1/2	
3/4	217,172	3/4	201,941	3/4	186,588	3/4	171,235	3/4	155,882	3/4	140,530	3/4	125,177	3/4	109,824	3/4	94,471	3/4	79,118	3/4	63,768	3/4	48,422	3/4	33,097						



HSM 3012 Formerly  
**BARGE: HFL 3012**  
 JEFFBOAT 16-2306

**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 1/2"

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	194,825	0	184,199	0	173,572	0	162,945	0	152,318	0	137,553	0	122,197	0	106,840	0	91,484	0	76,128	0	60,771	0	45,415	0	30,062	0	14,709	0	
1/4	1/4	194,604	183,978	173,351	162,724	152,097	137,233	122,877	106,521	91,164	75,808	60,451	45,095	29,742	14,389																
1/2	1/2	194,383	183,756	173,129	162,503	151,876	136,913	121,557	106,201	90,844	75,488	60,131	44,775	29,422	14,069																
3/4	3/4	194,162	183,535	172,908	162,281	151,654	136,594	121,237	105,881	90,524	75,168	59,811	44,455	29,102	13,749																
1	1	193,940	183,313	172,687	162,060	151,433	136,274	120,917	105,561	90,204	74,848	59,492	44,136	28,783	13,429																
1/4	1/4	193,719	183,092	172,465	161,838	151,212	135,954	120,597	105,241	89,884	74,528	59,172	43,816	28,463	13,109																
1/2	1/2	193,498	182,871	172,244	161,617	150,990	135,634	120,277	104,921	89,565	74,208	58,852	43,496	28,143	12,789																
3/4	3/4	193,276	182,649	172,022	161,396	150,670	135,314	119,957	104,601	89,245	73,888	58,532	43,176	27,823	12,469																
2	2	193,055	182,428	171,801	161,174	150,350	134,994	119,637	104,281	88,925	73,568	58,212	42,856	27,504	12,150																
1/4	1/4	192,833	182,207	171,580	160,953	150,030	134,674	119,318	103,961	88,605	73,248	57,892	42,536	27,184	11,830																
1/2	1/2	192,612	181,985	171,358	160,731	149,710	134,354	118,998	103,641	88,285	72,928	57,572	42,216	26,864	11,510																
3/4	3/4	192,391	181,764	171,137	160,510	149,391	134,034	118,678	103,321	87,965	72,608	57,252	41,896	26,544	11,190																
3	3	192,169	181,542	170,915	160,289	149,071	133,714	118,358	103,001	87,645	72,289	56,932	41,577	26,224	10,870																
1/4	1/4	191,948	181,321	170,694	160,067	148,751	133,394	118,038	102,681	87,325	71,969	56,612	41,257	25,905	10,550																
1/2	1/2	191,726	181,100	170,473	159,846	148,431	133,074	117,718	102,362	87,005	71,649	56,292	40,937	25,585	10,230																
3/4	3/4	191,505	180,878	170,251	159,624	148,111	132,754	117,398	102,042	86,685	71,329	55,972	40,617	25,265	9,910																
4	4	191,284	180,657	170,030	159,403	147,791	132,434	117,078	101,722	86,365	71,009	55,652	40,297	24,945	9,590																
1/4	1/4	191,062	180,435	169,809	159,182	147,471	132,115	116,758	101,402	86,045	70,689	55,333	39,977	24,625	9,270																
1/2	1/2	190,841	180,214	169,587	158,960	147,151	131,795	116,438	101,082	85,725	70,369	55,013	39,657	24,306	8,950																
3/4	3/4	190,619	180,000	169,366	158,739	146,831	131,475	116,118	100,762	85,405	70,049	54,693	39,337	23,986	8,631																
5	5	190,398	179,771	169,144	158,517	146,511	131,155	115,798	100,442	85,086	69,729	54,373	39,018	23,666	8,311																
1/4	1/4	190,177	179,550	168,923	158,296	146,191	130,835	115,478	100,122	84,766	69,409	54,053	38,698	23,346	7,991																
1/2	1/2	189,955	179,328	168,702	158,075	145,871	130,515	115,159	99,802	84,446	69,089	53,733	38,378	23,026	7,672																
3/4	3/4	189,734	179,107	168,480	157,853	145,551	130,195	114,839	99,482	84,126	68,769	53,413	38,058	22,707	7,352																
6	6	189,512	178,886	168,259	157,632	145,231	130,000	114,519	99,162	83,806	68,449	53,093	37,738	22,387	7,033																
1/4	1/4	189,291	178,664	168,037	157,411	144,912	129,555	114,199	98,842	83,486	68,130	52,773	37,418	22,067	6,714																
1/2	1/2	189,070	178,443	167,816	157,189	144,592	129,235	113,879	98,522	83,166	67,810	52,453	37,098	21,747	6,394																
3/4	3/4	188,848	178,221	167,595	156,968	144,272	128,915	113,559	98,202	82,846	67,490	52,133	36,778	21,427	6,075																
7	7	188,627	178,000	167,373	156,746	143,952	128,595	113,239	97,883	82,526	67,170	51,813	36,459	21,107	5,757																
1/4	1/4	188,406	177,779	167,152	156,525	143,632	128,275	112,919	97,563	82,206	66,850	51,493	36,139	20,788	5,438																
1/2	1/2	188,184	177,557	166,930	156,304	143,312	127,956	112,599	97,243	81,886	66,530	51,173	35,819	20,468	5,119																
3/4	3/4	187,963	177,336	166,709	156,082	142,992	127,636	112,279	96,923	81,566	66,210	50,854	35,499	20,148	4,802																
8	8	187,741	177,114	166,488	155,861	142,672	127,316	111,959	96,603	81,246	65,890	50,534	35,179	19,828	4,484																
1/4	1/4	187,520	176,893	166,266	155,639	142,352	126,996	111,639	96,283	80,927	65,570	50,214	34,859	19,508	4,166																
1/2	1/2	187,299	176,672	166,045	155,418	142,032	126,676	111,319	95,963	80,607	65,250	49,894	34,539	19,188	3,849																
3/4	3/4	187,077	176,450	165,823	155,197	141,712	126,356	110,999	95,643	80,287	64,930	49,574	34,220	18,868	3,533																
9	9	186,856	176,229	165,602	154,975	141,392	126,036	110,680	95,323	79,967	64,610	49,254	33,900	18,548	3,217																
1/4	1/4	186,634	176,008	165,381	154,754	141,072	125,716	110,360	95,003	79,647	64,290	48,934	33,580	18,228	2,901																
1/2	1/2	186,413	175,786	165,159	154,532	140,753	125,396	110,040	94,683	79,327	63,970	48,614	33,260	17,908	2,585																
3/4	3/4	186,192	175,565	164,938	154,311	140,433	125,076	109,720	94,363	79,007	63,651	48,294	32,940	17,588	2,305																
10	10	185,970	175,343	164,716	154,090	140,113	124,756	109,400	94,043	78,687	63,331	47,974	32,620	17,268	2,026																
1/4	1/4	185,749	175,122	164,495	153,868	139,793	124,436	109,080	93,724	78,367	63,011	47,654	32,300	16,948	1,746																
1/2	1/2	185,527	174,901	164,274	153,647	139,473	124,116	108,760	93,404	78,047	62,691	47,334	31,980	16,629	1,466																
3/4	3/4	185,306	174,679	164,052	153,425	139,153	123,796	108,440	93,084	77,727	62,371	47,015	31,661	16,309	1,266																
11	11	185,085	174,458	163,831	153,204	138,833	123,477	108,120	92,764	77,407	62,051	46,695	31,341	15,989	1,066																
1/4	1/4	184,863	174,236	163,610	152,983	138,513	123,157	107,800	92,444	77,087	61,731	46,375	31,021	15,669	866																
1/2	1/2	184,642	174,015	163,388	152,761	138,193	122,837	107,480	92,124	76,767	61,411	46,055	30,701	15,349	666																
3/4	3/4	184,420	173,794	163,167	152,540	137,873	122,517	107,160	91,804																						





**HSM 3012 Formerly  
BARGE: HFL 3012  
JEFFBOAT 16-2306**

**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	194,718	0	184,093	0	173,466	0	162,839	0	152,212	0	137,566	0	122,233	0	106,900	0	91,569	0	76,242	0	60,945	0	45,626	0	30,343	0	15,014	0			
1/4		1/4	194,497	1/4	183,871	1/4	173,244	1/4	162,618	1/4	151,991	1/4	137,246	1/4	121,913	1/4	106,581	1/4	91,250	1/4	75,923	1/4	60,626	1/4	45,308	1/4	30,024	1/4	14,694	1/4			
1/2		1/2	194,276	1/2	183,650	1/2	173,023	1/2	162,396	1/2	151,769	1/2	136,927	1/2	121,594	1/2	106,261	1/2	90,930	1/2	75,604	1/2	60,307	1/2	44,989	1/2	29,705	1/2	14,375	1/2			
3/4		3/4	194,055	3/4	183,428	3/4	172,802	3/4	162,175	3/4	151,548	3/4	136,607	3/4	121,275	3/4	105,942	3/4	90,611	3/4	75,285	3/4	59,989	3/4	44,671	3/4	29,385	3/4	14,055	3/4			
1		1	193,834	1	183,207	1	172,580	1	161,954	1	151,327	1	136,288	1	120,955	1	105,622	1	90,292	1	74,966	1	59,670	1	44,353	1	29,066	1	13,736	1			
1/4		1/4	193,612	1/4	182,986	1/4	172,359	1/4	161,732	1/4	151,105	1/4	135,969	1/4	120,636	1/4	105,303	1/4	89,972	1/4	74,646	1/4	59,351	1/4	44,035	1/4	28,747	1/4	13,416	1/4			
1/2		1/2	193,391	1/2	182,764	1/2	172,138	1/2	161,511	1/2	150,884	1/2	135,649	1/2	120,316	1/2	104,983	1/2	89,653	1/2	74,327	1/2	59,033	1/2	43,716	1/2	28,428	1/2	13,097	1/2			
3/4		3/4	193,170	3/4	182,543	3/4	171,916	3/4	161,289	3/4	150,663	3/4	135,330	3/4	119,997	3/4	104,664	3/4	89,334	3/4	74,008	3/4	58,714	3/4	43,398	3/4	28,108	3/4	12,778	3/4			
2		2	192,948	2	182,322	2	171,695	2	161,068	2	150,343	2	135,010	2	119,677	2	104,345	2	89,014	2	73,689	2	58,395	2	43,080	2	27,789	2	12,458	2			
1/4		1/4	192,727	1/4	182,100	1/4	171,473	1/4	160,847	1/4	150,024	1/4	134,691	1/4	119,358	1/4	104,025	1/4	88,695	1/4	73,370	1/4	58,077	1/4	42,761	1/4	27,470	1/4	12,139	1/4			
1/2		1/2	192,506	1/2	181,879	1/2	171,252	1/2	160,625	1/2	149,704	1/2	134,371	1/2	119,039	1/2	103,706	1/2	88,375	1/2	73,051	1/2	57,758	1/2	42,443	1/2	27,150	1/2	11,819	1/2			
3/4		3/4	192,284	3/4	181,657	3/4	171,031	3/4	160,404	3/4	149,385	3/4	134,052	3/4	118,719	3/4	103,386	3/4	88,056	3/4	72,732	3/4	57,439	3/4	42,125	3/4	26,831	3/4	11,500	3/4			
3		3	192,063	3	181,436	3	170,809	3	160,182	3	149,065	3	133,733	3	118,400	3	103,067	3	87,737	3	72,413	3	57,120	3	41,807	3	26,512	3	11,180	3			
1/4		1/4	191,841	1/4	181,215	1/4	170,588	1/4	159,961	1/4	148,746	1/4	133,413	1/4	118,080	1/4	102,748	1/4	87,417	1/4	72,094	1/4	56,800	1/4	41,488	1/4	26,192	1/4	10,861	1/4			
1/2		1/2	191,620	1/2	180,993	1/2	170,366	1/2	159,740	1/2	148,426	1/2	133,094	1/2	117,761	1/2	102,428	1/2	87,098	1/2	71,775	1/2	56,481	1/2	41,170	1/2	25,873	1/2	10,542	1/2			
3/4		3/4	191,399	3/4	180,772	3/4	170,145	3/4	159,518	3/4	148,107	3/4	132,774	3/4	117,441	3/4	102,109	3/4	86,779	3/4	71,456	3/4	56,161	3/4	40,852	3/4	25,554	3/4	10,222	3/4			
4		4	191,177	4	180,550	4	169,924	4	159,297	4	147,788	4	132,455	4	117,122	4	101,790	4	86,459	4	71,137	4	55,842	4	40,533	4	25,235	4	9,903	4			
1/4		1/4	190,956	1/4	180,329	1/4	169,702	1/4	159,075	1/4	147,468	1/4	132,135	1/4	116,802	1/4	101,470	1/4	86,140	1/4	70,818	1/4	55,522	1/4	40,215	1/4	24,915	1/4	9,583	1/4			
1/2		1/2	190,734	1/2	180,108	1/2	169,481	1/2	158,854	1/2	147,149	1/2	131,816	1/2	116,483	1/2	101,151	1/2	85,820	1/2	70,499	1/2	55,203	1/2	39,897	1/2	24,596	1/2	9,264	1/2			
3/4		3/4	190,513	3/4	179,886	3/4	169,259	3/4	158,633	3/4	146,829	3/4	131,496	3/4	116,164	3/4	100,831	3/4	85,501	3/4	70,180	3/4	54,884	3/4	39,579	3/4	24,277	3/4	8,944	3/4			
5		5	190,292	5	179,665	5	169,038	5	158,411	5	146,510	5	131,177	5	115,844	5	100,512	5	85,182	5	69,861	5	54,564	5	39,260	5	23,957	5	8,625	5			
1/4		1/4	190,070	1/4	179,443	1/4	168,817	1/4	158,190	1/4	146,190	1/4	130,858	1/4	115,525	1/4	100,193	1/4	84,862	1/4	69,543	1/4	54,245	1/4	38,942	1/4	23,638	1/4	8,306	1/4			
1/2		1/2	189,849	1/2	179,222	1/2	168,595	1/2	157,968	1/2	145,871	1/2	130,538	1/2	115,205	1/2	99,873	1/2	84,543	1/2	69,224	1/2	53,925	1/2	38,624	1/2	23,319	1/2	7,987	1/2			
3/4		3/4	189,627	3/4	179,001	3/4	168,374	3/4	157,747	3/4	145,552	3/4	130,219	3/4	114,886	3/4	99,554	3/4	84,223	3/4	68,906	3/4	53,606	3/4	38,306	3/4	22,999	3/4	7,668	3/4			
6		6	189,406	6	178,779	6	168,152	6	157,526	6	145,232	6	130,219	6	114,886	6	99,554	6	84,223	6	68,906	6	53,606	6	38,306	6	22,999	6	7,668	6			
1/4		1/4	189,185	1/4	178,558	1/4	167,931	1/4	157,304	1/4	144,913	1/4	129,580	1/4	114,247	1/4	98,915	1/4	83,585	1/4	68,269	1/4	52,967	1/4	37,669	1/4	22,361	1/4	7,030	1/4			
1/2		1/2	188,963	1/2	178,336	1/2	167,710	1/2	157,083	1/2	144,593	1/2	129,260	1/2	113,928	1/2	98,596	1/2	83,265	1/2	67,950	1/2	52,648	1/2	37,351	1/2	22,041	1/2	6,711	1/2			
3/4		3/4	188,742	3/4	178,115	3/4	167,488	3/4	156,862	3/4	144,274	3/4	128,941	3/4	113,608	3/4	98,276	3/4	82,946	3/4	67,632	3/4	52,328	3/4	37,032	3/4	21,722	3/4	6,392	3/4			
7		7	188,520	7	177,894	7	167,267	7	156,640	7	143,954	7	128,622	7	113,289	7	97,957	7	82,627	7	67,314	7	52,009	7	36,714	7	21,402	7	6,074	7			
1/4		1/4	188,299	1/4	177,672	1/4	167,046	1/4	156,419	1/4	143,635	1/4	128,302	1/4	112,969	1/4	97,638	1/4	82,307	1/4	66,995	1/4	51,690	1/4	36,396	1/4	21,083	1/4	5,756	1/4			
1/2		1/2	188,078	1/2	177,451	1/2	166,824	1/2	156,197	1/2	143,316	1/2	127,983	1/2	112,650	1/2	97,318	1/2	81,988	1/2	66,677	1/2	51,370	1/2	36,078	1/2	20,763	1/2	5,438	1/2			
3/4		3/4	197,515	3/4	187,856	3/4	177,230	3/4	166,603	3/4	155,976	3/4	142,996	3/4	127,663	3/4	112,330	3/4	96,999	3/4	81,668	3/4	66,358	3/4	51,051	3/4	35,759	3/4	20,444	3/4	5,119	3/4	
8		8	197,427	8	187,635	8	177,008	8	166,381	8	155,755	8	142,677	8	127,344	8	112,011	8	96,679	8	81,349	8	66,040	8	50,731	8	35,441	8	20,125	8	4,802	8	
1/4		1/4	197,339	1/4	187,414	1/4	176,787	1/4	166,160	1/4	155,533	1/4	142,357	1/4	127,024	1/4	111,692	1/4	96,360	1/4	81,030	1/4	65,722	1/4	50,412	1/4	35,123	1/4	19,805	1/4	4,484	1/4	
1/2		1/2	197,251	1/2	187,192	1/2	176,565	1/2	165,939	1/2	155,312	1/2	142,038	1/2	126,705	1/2	111,372	1/2	96,041	1/2	80,710	1/2	65,403	1/2	50,093	1/2	34,804	1/2	19,486	1/2	4,166	1/2	
3/4		3/4	197,163	3/4	186,971	3/4	176,344	3/4	165,717	3/4	155,090	3/4	141,718	3/4	126,386	3/4	111,053	3/4	95,721	3/4	80,391	3/4	65,085	3/4	49,773	3/4	34,486	3/4	19,166	3/4	3,849	3/4	
9		9	197,021	9	186,749	9	176,123	9	165,496	9	154,869	9	141,399	9	126,066	9	110,733	9	95,402	9	80,071	9	64,767	9	49,454	9	34,168	9	18,847	9	3,533	9	
1/4		1/4	196,880	1/4	186,528	1/4	175,901	1/4	165,274	1/4	154,648	1/4	141,080	1/4	125,747	1/4	110,414	1/4	95,082	1/4	79,752	1/4	64,449	1/4	49,134	1/4	33,850	1/4	18,527	1/4	3,217	1/4	
1/2		1/2	196,738	1/2	186,307	1/2	175,680	1/2	165,053	1/2	154,426	1/2	140,760	1/2	125,427	1/2	110,094	1/2	94,763	1/2	79,433	1/2	64,130	1/2	48,815	1/2	33,531	1/2	18,208	1/2	2,901	1/2	
3/4		3/4	196,597	3/4	186,085	3/4	175,458	3/4	164,832	3/4	154,205	3/4	140,441	3/4	125,108	3/4	109,775</																