BARGE: HFL 3015

ULLAGE TRIM TABLE
MMC

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

LENGTH BETWEEN DRAFT MARKS: 235'-06"

FWD. DRAFT	**=**	**2'-00"**	
AFT DRAFT	**=**	**4'-00"**	
DIFF.	**=**	**2'-00"**	**(DOWN BY STERN)**

February 7, 2017

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

BARGE: HFL 3015

JEFFBOAT 16-2309

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 3/8"

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	199,125	0	184,630	0	170,135	0	155,639	0	141,144	0	126,648	0	112,153	0	97,657	0	83,162	0	68,667	0	54,175	0	39,683	0	25,187	0	11,184	0	
1/4		1/4	198,823	1/4	184,328	1/4	169,833	1/4	155,337	1/4	140,842	1/4	126,346	1/4	111,851	1/4	97,355	1/4	82,860	1/4	68,365	1/4	53,873	1/4	39,381	1/4	24,885	1/4	10,914	1/4	
1/2		1/2	198,522	1/2	184,026	1/2	169,531	1/2	155,035	1/2	140,540	1/2	126,044	1/2	111,549	1/2	97,053	1/2	82,558	1/2	68,063	1/2	53,571	1/2	39,079	1/2	24,583	1/2	10,645	1/2	
3/4		3/4	198,220	3/4	183,724	3/4	169,229	3/4	154,733	3/4	140,238	3/4	125,742	3/4	111,247	3/4	96,751	3/4	82,256	3/4	67,761	3/4	53,269	3/4	38,777	3/4	24,281	3/4	10,379	3/4	
1		1	197,918	1	183,422	1	168,927	1	154,431	1	139,936	1	125,440	1	110,945	1	96,449	1	81,954	1	67,459	1	52,968	1	38,475	1	23,979	1	10,113	1	
1/4		1/4	197,616	1/4	183,120	1/4	168,625	1/4	154,129	1/4	139,634	1/4	125,138	1/4	110,643	1/4	96,147	1/4	81,652	1/4	67,157	1/4	52,666	1/4	38,173	1/4	23,677	1/4	9,847	1/4	
1/2		1/2	197,314	1/2	182,818	1/2	168,323	1/2	153,827	1/2	139,332	1/2	124,836	1/2	110,341	1/2	95,845	1/2	81,350	1/2	66,855	1/2	52,364	1/2	37,871	1/2	23,375	1/2	9,583	1/2	
3/4		3/4	197,012	3/4	182,516	3/4	168,021	3/4	153,525	3/4	139,030	3/4	124,534	3/4	110,039	3/4	95,543	3/4	81,048	3/4	66,553	3/4	52,062	3/4	37,569	3/4	23,073	3/4	9,321	3/4	
2		2	196,710	2	182,214	2	167,719	2	153,223	2	138,728	2	124,232	2	109,737	2	95,241	2	80,746	2	66,251	2	51,760	2	37,267	2	22,771	2	9,059	2	
1/4		1/4	196,408	1/4	181,912	1/4	167,417	1/4	152,921	1/4	138,426	1/4	123,930	1/4	109,435	1/4	94,939	1/4	80,444	1/4	65,949	1/4	51,459	1/4	36,965	1/4	22,469	1/4	8,797	1/4	
1/2		1/2	196,106	1/2	181,610	1/2	167,115	1/2	152,619	1/2	138,124	1/2	123,628	1/2	109,133	1/2	94,637	1/2	80,142	1/2	65,647	1/2	51,157	1/2	36,663	1/2	22,167	1/2	8,537	1/2	
3/4		3/4	195,804	3/4	181,308	3/4	166,813	3/4	152,317	3/4	137,822	3/4	123,326	3/4	108,831	3/4	94,335	3/4	79,840	3/4	65,345	3/4	50,855	3/4	36,361	3/4	21,865	3/4	8,279	3/4	
3		3	195,502	3	181,006	3	166,511	3	152,015	3	137,520	3	123,024	3	108,529	3	94,033	3	79,538	3	65,043	3	50,553	3	36,059	3	21,563	3	8,022	3	
1/4		1/4	195,200	1/4	180,704	1/4	166,209	1/4	151,713	1/4	137,218	1/4	122,722	1/4	108,227	1/4	93,731	1/4	79,236	1/4	64,741	1/4	50,251	1/4	35,757	1/4	21,261	1/4	7,764	1/4	
1/2		1/2	194,898	1/2	180,402	1/2	165,907	1/2	151,411	1/2	136,916	1/2	122,420	1/2	107,925	1/2	93,429	1/2	78,934	1/2	64,439	1/2	49,950	1/2	35,455	1/2	20,959	1/2	7,508	1/2	
3/4		3/4	194,596	3/4	180,100	3/4	165,605	3/4	151,109	3/4	136,614	3/4	122,118	3/4	107,623	3/4	93,127	3/4	78,632	3/4	64,137	3/4	49,648	3/4	35,153	3/4	20,657	3/4	7,255	3/4	
4		4	194,294	4	179,798	4	165,303	4	150,807	4	136,312	4	121,816	4	107,321	4	92,825	4	78,330	4	63,835	4	49,346	4	34,851	4	20,355	4	7,001	4	
1/4		1/4	193,992	1/4	179,496	1/4	165,001	1/4	150,505	1/4	136,010	1/4	121,514	1/4	107,019	1/4	92,523	1/4	78,028	1/4	63,533	1/4	49,044	1/4	34,549	1/4	20,053	1/4	6,748	1/4	
1/2		1/2	193,690	1/2	179,194	1/2	164,699	1/2	150,203	1/2	135,708	1/2	121,212	1/2	106,717	1/2	92,221	1/2	77,726	1/2	63,231	1/2	48,742	1/2	34,247	1/2	19,753	1/2	6,496	1/2	
3/4		3/4	193,388	3/4	178,892	3/4	164,397	3/4	149,901	3/4	135,406	3/4	120,910	3/4	106,415	3/4	91,920	3/4	77,424	3/4	62,929	3/4	48,440	3/4	33,945	3/4	19,453	3/4	6,247	3/4	
5		5	193,086	5	178,590	5	164,095	5	149,599	5	135,104	5	120,608	5	106,113	5	91,618	5	77,122	5	62,627	5	48,138	5	33,643	5	19,153	5	5,998	5	
1/4		1/4	192,784	1/4	178,288	1/4	163,793	1/4	149,297	1/4	134,802	1/4	120,306	1/4	105,811	1/4	91,316	1/4	76,820	1/4	62,325	1/4	47,836	1/4	33,341	1/4	18,853	1/4	5,749	1/4	
1/2		1/2	192,482	1/2	177,986	1/2	163,491	1/2	148,995	1/2	134,500	1/2	120,005	1/2	105,509	1/2	91,014	1/2	76,518	1/2	62,023	1/2	47,535	1/2	33,039	1/2	18,555	1/2	5,502	1/2	
3/4		3/4	192,180	3/4	177,684	3/4	163,189	3/4	148,693	3/4	134,198	3/4	119,703	3/4	105,207	3/4	90,712	3/4	76,216	3/4	61,721	3/4	47,233	3/4	32,737	3/4	18,259	3/4	5,258	3/4	
6		6	191,878	6	177,382	6	162,887	6	148,391	6	133,896	6	119,401	6	104,905	6	90,410	6	75,914	6	61,419	6	46,931	6	32,435	6	17,964	6	5,013	6	
1/4		1/4	191,576	1/4	177,080	1/4	162,585	1/4	148,089	1/4	133,594	1/4	119,099	1/4	104,603	1/4	90,108	1/4	75,612	1/4	61,117	1/4	46,629	1/4	32,133	1/4	17,668	1/4	4,769	1/4	
1/2		1/2	191,274	1/2	176,778	1/2	162,283	1/2	147,788	1/2	133,292	1/2	118,797	1/2	104,301	1/2	89,806	1/2	75,310	1/2	60,815	1/2	46,327	1/2	31,831	1/2	17,375	1/2	4,527	1/2	
3/4		3/4	190,972	3/4	176,476	3/4	161,981	3/4	147,486	3/4	132,990	3/4	118,495	3/4	103,999	3/4	89,504	3/4	75,008	3/4	60,513	3/4	46,025	3/4	31,529	3/4	17,083	3/4	4,287	3/4	
7		7	190,670	7	176,174	7	161,679	7	147,184	7	132,688	7	118,193	7	103,697	7	89,202	7	74,706	7	60,211	7	45,723	7	31,227	7	16,792	7	4,047	7	
3/8	203,799	1/4	190,368	1/4	175,873	1/4	161,377	1/4	146,882	1/4	132,386	1/4	117,891	1/4	103,395	1/4	88,900	1/4	74,404	1/4	59,909	1/4	45,421	1/4	30,925	1/4	16,500	1/4	3,807	1/4	
1/2	203,711	1/2	190,066	1/2	175,571	1/2	161,075	1/2	146,580	1/2	132,084	1/2	117,589	1/2	103,093	1/2	88,598	1/2	74,102	1/2	59,607	1/2	45,119	1/2	30,623	1/2	16,211	1/2	3,570	1/2	
3/4	203,534	3/4	189,764	3/4	175,269	3/4	160,773	3/4	146,278	3/4	131,782	3/4	117,287	3/4	102,791	3/4	88,296	3/4	73,800	3/4	59,305	3/4	44,817	3/4	30,321	3/4	15,924	3/4	3,336	3/4	
8	203,358	8	189,462	8	174,967	8	160,471	8	145,976	8	131,480	8	116,985	8	102,489	8	87,994	8	73,498	8	59,003	8	44,515	8	30,019	8	15,636	8	3,101	8	
1/4	203,182	1/4	189,160	1/4	174,665	1/4	160,169	1/4	145,674	1/4	131,178	1/4	116,683	1/4	102,187	1/4	87,692	1/4	73,196	1/4	58,702	1/4	44,213	1/4	29,717	1/4	15,349	1/4	2,867	1/4	
1/2	202,981	1/2	188,858	1/2	174,363	1/2	159,867	1/2	145,372	1/2	130,876	1/2	116,381	1/2	101,885	1/2	87,390	1/2	72,894	1/2	58,400	1/2	43,911	1/2	29,415	1/2	15,064	1/2	2,635	1/2	
3/4	202,754	3/4	188,556	3/4	174,061	3/4	159,565	3/4	145,070	3/4	130,574	3/4	116,079	3/4	101,583	3/4	87,088	3/4	72,592	3/4	58,098	3/4	43,609	3/4	29,113	3/4	14,781	3/4	2,406	3/4	
9	202,528	9	188,254	9	173,759	9	159,263	9	144,768	9	130,272	9	115,777	9	101,281	9	86,786	9	72,290	9	57,796	9	43,307	9	28,811	9	14,498	9	2,178	9	
1/4	202,301	1/4	187,952	1/4	173,457	1/4	158,961	1/4	144,466	1/4	129,970	1/4	115,475	1/4	100,979	1/4	86,484	1/4	71,988	1/4	57,494	1/4	43,005	1/4	28,509	1/4	14,215	1/4	1,949	1/4	
1/2	202,050	1/2	187,650	1/2	173,155	1/2	158,659	1/2	144,164	1/2	129,668	1/2	115,173	1/2	100,677	1/2	86,182	1/2	71,686	1/2	57,193	1/2	42,703	1/2	28,207	1/2	13,934	1/2	1,740	1/2	
3/4	201,773	3/4	187,348	3/4	172,853	3/4	158,357	3/4	143,862	3/4	129,366	3/4	114,871	3/4	100,375	3/4	85,880	3/4	71,384	3/4	56,891	3/4	42,401	3/4	27,905	3/4	13,655	3/4	1,549	3/4	
10	201,496	10	187,046	10	172,551	10	158,055	10	143,560	10	129,064	10	114,569	10	100,073	10	85,578	10	71,082	10	56,589	10	42,099	10	27,603	10	13,376	10	1,359	10	
1/4	201,219	1/4	186,744	1/4	172,249	1/4	157,753	1/4	143,258	1/4	128,762	1/4	114,267	1/4	99,771	1/4	85,276	1/4	70,780	1/4	56,287	1/4	41,797	1/4	27,301	1/4	13,098	1/4	1,169	1/4	
1/2	200,931	1/2	186,442	1/2	171,947	1/2	157,451	1/2	142,956	1/2	128,460	1/2	113,965	1/2	99,469	1/2	84,974	1/2	70,478	1/2	55,985	1/2	41,495	1/2	26,999	1/2	12,821	1/2	1,018	1/2	
3/4	200,630	3/4	186,140	3/4	171,645	3/4	157,149	3/4	142,654	3/4	128,158	3/4	113,663	3/4	99,167	3/4	84,672	3/4	70,176	3/4	55,684	3/4	41,193	3/4	26,697	3/4	12,546	3/4	907	3/4	
11	200,330	11	185,838	11	171,343	11	156,847	11	142,352	11	127,856	11	113,361	11	98,865	11	84,370	11	69,875	11	55,382	11	40,891	11	26,395	11	12,272	11	797	11	
1/4	200,029	1/4	185,536	1/4	171,041	1/4	156,545	1/4	142,050	1/4	127,554	1/4	113,059	1/4	98,563	1/4	84,068	1/4	69,573	1/4	55,080	1/4	40,589	1/4	26,093	1/4	11,997	1/4	686	1/4	
1/2	199,728	1/2	185,234	1/2	170,739	1/2	156,243	1/2	141,748	1/2	127,252	1/2	112,757	1/2	98,261	1/2	83,766	1/2	69,271	1/2	54,778	1/2	40,287	1/2	25,791	1/2	11,725	3/8	631	1/2	
3/4	199,426	3/4	184,932	3/4	170,437	3/4	155,941	3/4	141,446	3/4	126,950	3/4	112,455	3/4	97,959	3/4	83,464	3/4	68,969	3/4	54,476	3/4	39,985	3/4	25,489	3/4	11,454	3/4		3/4	

NOTE: GAUGE POINT: TO TOP LIP OF BALL VALVE, ON 18" DECK PIPE.
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: 02/02/2017 BY: JM
DATE COMPUTED: 02/07/2017 BY: CL
DATE ISSUED: 02/07/2017

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: HFL 3015

JEFFBOAT 16-2309

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 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	198,050	0	183,666	0	169,281	0	154,896	0	140,510	0	126,125	0	111,740	0	97,354	0	82,969	0	68,584	0	54,204	0	39,832	0	25,446	0	11,502	0	
1/4		1/4	197,751	1/4	183,367	1/4	168,981	1/4	154,596	1/4	140,211	1/4	125,825	1/4	111,440	1/4	97,054	1/4	82,669	1/4	68,284	1/4	53,905	1/4	39,532	1/4	25,147	1/4	11,234	1/4	
1/2		1/2	197,452	1/2	183,067	1/2	168,682	1/2	154,296	1/2	139,911	1/2	125,526	1/2	111,140	1/2	96,755	1/2	82,369	1/2	67,984	1/2	53,606	1/2	39,232	1/2	24,847	1/2	10,965	1/2	
3/4		3/4	197,153	3/4	182,767	3/4	168,382	3/4	153,997	3/4	139,611	3/4	125,226	3/4	110,840	3/4	96,455	3/4	82,070	3/4	67,685	3/4	53,307	3/4	38,933	3/4	24,547	3/4	10,697	3/4	
1		1	196,853	1	182,468	1	168,082	1	153,697	1	139,312	1	124,926	1	110,541	1	96,155	1	81,770	1	67,385	1	53,008	1	38,633	1	24,247	1	10,433	1	
1/4		1/4	196,553	1/4	182,168	1/4	167,783	1/4	153,397	1/4	139,012	1/4	124,626	1/4	110,241	1/4	95,856	1/4	81,470	1/4	67,085	1/4	52,708	1/4	38,333	1/4	23,948	1/4	10,169	1/4	
1/2		1/2	196,254	1/2	181,868	1/2	167,483	1/2	153,098	1/2	138,712	1/2	124,327	1/2	109,941	1/2	95,556	1/2	81,171	1/2	66,785	1/2	52,409	1/2	38,033	1/2	23,648	1/2	9,905	1/2	
3/4		3/4	195,954	3/4	181,569	3/4	167,183	3/4	152,798	3/4	138,412	3/4	124,027	3/4	109,642	3/4	95,256	3/4	80,871	3/4	66,486	3/4	52,110	3/4	37,734	3/4	23,348	3/4	9,641	3/4	
2		2	195,654	2	181,269	2	166,884	2	152,498	2	138,113	2	123,727	2	109,342	2	94,957	2	80,571	2	66,186	2	51,811	2	37,434	2	23,049	2	9,381	2	
1/4		1/4	195,355	1/4	180,969	1/4	166,584	1/4	152,198	1/4	137,813	1/4	123,428	1/4	109,042	1/4	94,657	1/4	80,271	1/4	65,886	1/4	51,511	1/4	37,134	1/4	22,749	1/4	9,121	1/4	
1/2		1/2	195,055	1/2	180,669	1/2	166,284	1/2	151,899	1/2	137,513	1/2	123,128	1/2	108,743	1/2	94,357	1/2	79,972	1/2	65,587	1/2	51,212	1/2	36,835	1/2	22,449	1/2	8,861	1/2	
3/4		3/4	194,755	3/4	180,370	3/4	165,984	3/4	151,599	3/4	137,214	3/4	122,828	3/4	108,443	3/4	94,057	3/4	79,672	3/4	65,287	3/4	50,913	3/4	36,535	3/4	22,150	3/4	8,601	3/4	
3		3	194,455	3	180,070	3	165,685	3	151,299	3	136,914	3	122,529	3	108,143	3	93,758	3	79,372	3	64,987	3	50,614	3	36,235	3	21,850	3	8,345	3	
1/4		1/4	194,156	1/4	179,770	1/4	165,385	1/4	151,000	1/4	136,614	1/4	122,229	1/4	107,843	1/4	93,458	1/4	79,073	1/4	64,688	1/4	50,314	1/4	35,936	1/4	21,550	1/4	8,089	1/4	
1/2		1/2	193,856	1/2	179,471	1/2	165,085	1/2	150,700	1/2	136,315	1/2	121,929	1/2	107,544	1/2	93,158	1/2	78,773	1/2	64,388	1/2	50,015	1/2	35,636	1/2	21,251	1/2	7,833	1/2	
3/4		3/4	193,556	3/4	179,171	3/4	164,786	3/4	150,400	3/4	136,015	3/4	121,629	3/4	107,244	3/4	92,859	3/4	78,473	3/4	64,088	3/4	49,716	3/4	35,336	3/4	20,951	3/4	7,578	3/4	
4		4	193,257	4	178,871	4	164,486	4	150,101	4	135,715	4	121,330	4	106,944	4	92,559	4	78,174	4	63,789	4	49,417	4	35,037	4	20,651	4	7,326	4	
1/4		1/4	192,957	1/4	178,572	1/4	164,186	1/4	149,801	1/4	135,415	1/4	121,030	1/4	106,645	1/4	92,259	1/4	77,874	1/4	63,489	1/4	49,118	1/4	34,737	1/4	20,351	1/4	7,075	1/4	
1/2		1/2	192,657	1/2	178,272	1/2	163,887	1/2	149,501	1/2	135,116	1/2	120,730	1/2	106,345	1/2	91,960	1/2	77,574	1/2	63,189	1/2	48,818	1/2	34,437	1/2	20,052	1/2	6,823	1/2	
3/4		3/4	192,358	3/4	177,972	3/4	163,587	3/4	149,201	3/4	134,816	3/4	120,431	3/4	106,045	3/4	91,660	3/4	77,275	3/4	62,890	3/4	48,519	3/4	34,137	3/4	19,752	3/4	6,571	3/4	
5		5	192,058	5	177,673	5	163,287	5	148,902	5	134,516	5	120,131	5	105,746	5	91,360	5	76,975	5	62,590	5	48,220	5	33,838	5	19,454	5	6,324	5	
1/4		1/4	191,758	1/4	177,373	1/4	162,987	1/4	148,602	1/4	134,217	1/4	119,831	1/4	105,446	1/4	91,061	1/4	76,675	1/4	62,290	1/4	47,921	1/4	33,538	1/4	19,157	1/4	6,077	1/4	
1/2		1/2	191,459	1/2	177,073	1/2	162,688	1/2	148,302	1/2	133,917	1/2	119,532	1/2	105,146	1/2	90,761	1/2	76,375	1/2	61,990	1/2	47,621	1/2	33,238	1/2	18,859	1/2	5,830	1/2	
3/4		3/4	191,159	3/4	176,773	3/4	162,388	3/4	148,003	3/4	133,617	3/4	119,232	3/4	104,847	3/4	90,461	3/4	76,076	3/4	61,691	3/4	47,322	3/4	32,939	3/4	18,562	3/4	5,583	3/4	
6		6	190,859	6	176,474	6	162,088	6	147,703	6	133,318	6	118,932	6	104,547	6	90,161	6	75,776	6	61,391	6	47,023	6	32,639	6	18,268	6	5,340	6	
1/4		1/4	190,559	1/4	176,174	1/4	161,789	1/4	147,403	1/4	133,018	1/4	118,633	1/4	104,247	1/4	89,862	1/4	75,476	1/4	61,091	1/4	46,724	1/4	32,339	1/4	17,975	1/4	5,097	1/4	
1/2		1/2	190,260	1/2	175,874	1/2	161,489	1/2	147,104	1/2	132,718	1/2	118,333	1/2	103,947	1/2	89,562	1/2	75,177	1/2	60,792	1/2	46,424	1/2	32,040	1/2	17,681	1/2	4,854	1/2	
3/4		3/4	189,960	3/4	175,575	3/4	161,189	3/4	146,804	3/4	132,419	3/4	118,033	3/4	103,648	3/4	89,262	3/4	74,877	3/4	60,492	3/4	46,125	3/4	31,740	3/4	17,388	3/4	4,612	3/4	
7		7	189,660	7	175,275	7	160,890	7	146,504	7	132,119	7	117,733	7	103,348	7	88,963	7	74,577	7	60,192	7	45,826	7	31,440	7	17,099	7	4,374	7	
1/4		1/4	189,361	1/4	174,975	1/4	160,590	1/4	146,205	1/4	131,819	1/4	117,434	1/4	103,048	1/4	88,663	1/4	74,278	1/4	59,893	1/4	45,526	1/4	31,140	1/4	16,809	1/4	4,136	1/4	
1/2		1/2	189,061	1/2	174,676	1/2	160,290	1/2	145,905	1/2	131,519	1/2	117,134	1/2	102,749	1/2	88,363	1/2	73,978	1/2	59,593	1/2	45,226	1/2	30,841	1/2	16,520	1/2	3,898	1/2	
3/4	202,240	3/4	188,761	3/4	174,376	3/4	159,991	3/4	145,605	3/4	131,220	3/4	116,834	3/4	102,449	3/4	88,064	3/4	73,678	3/4	59,294	3/4	44,926	3/4	30,541	3/4	16,231	3/4	3,660	3/4	
8	202,065	8	188,462	8	174,076	8	159,691	8	145,305	8	130,920	8	116,535	8	102,149	8	87,764	8	73,379	8	58,994	8	44,627	8	30,241	8	15,946	8	3,427	8	
1/4	201,890	1/4	188,162	1/4	173,776	1/4	159,391	1/4	145,006	1/4	130,620	1/4	116,235	1/4	101,850	1/4	87,464	1/4	73,079	1/4	58,695	1/4	44,327	1/4	29,942	1/4	15,661	1/4	3,195	1/4	
1/2	201,715	1/2	187,862	1/2	173,477	1/2	159,091	1/2	144,706	1/2	130,321	1/2	115,935	1/2	101,550	1/2	87,164	1/2	72,779	1/2	58,395	1/2	44,027	1/2	29,642	1/2	15,376	1/2	2,962	1/2	
3/4	201,540	3/4	187,562	3/4	173,177	3/4	158,792	3/4	144,406	3/4	130,021	3/4	115,636	3/4	101,250	3/4	86,865	3/4	72,479	3/4	58,096	3/4	43,728	3/4	29,342	3/4	15,091	3/4	2,729	3/4	
9	201,316	9	187,263	9	172,877	9	158,492	9	144,107	9	129,721	9	115,336	9	100,950	9	86,565	9	72,180	9	57,796	9	43,428	9	29,043	9	14,810	9	2,502	9	
1/4	201,091	1/4	186,963	1/4	172,578	1/4	158,192	1/4	143,807	1/4	129,422	1/4	115,036	1/4	100,651	1/4	86,265	1/4	71,880	1/4	57,497	1/4	43,128	1/4	28,743	1/4	14,529	1/4	2,275	1/4	
1/2	200,866	1/2	186,663	1/2	172,278	1/2	157,893	1/2	143,507	1/2	129,122	1/2	114,736	1/2	100,351	1/2	85,966	1/2	71,580	1/2	57,197	1/2	42,829	1/2	28,443	1/2	14,248	1/2	2,048	1/2	
3/4	200,641	3/4	186,364	3/4	171,978	3/4	157,593	3/4	143,208	3/4	128,822	3/4	114,437	3/4	100,051	3/4	85,666	3/4	71,281	3/4	56,898	3/4	42,529	3/4	28,144	3/4	13,967	3/4	1,821	3/4	
10	200,367	10	186,064	10	171,679	10	157,293	10	142,908	10	128,522	10	114,137	10	99,752	10	85,366	10	70,981	10	56,599	10	42,229	10	27,844	10	13,691	10	1,633	10	
1/4	200,092	1/4	185,764	1/4	171,379	1/4	156,994	1/4	142,608	1/4	128,223	1/4	113,837	1/4	99,452	1/4	85,067	1/4	70,681	1/4	56,299	1/4	41,930	1/4	27,544	1/4	13,414	1/4	1,444	1/4	
1/2	199,817	1/2	185,465	1/2	171,079	1/2	156,694	1/2	142,308	1/2	127,923	1/2	113,538	1/2	99,152	1/2	84,767	1/2	70,382	1/2	56,000	1/2	41,630	1/2	27,244	1/2	13,137	1/2	1,255	1/2	
3/4	199,543	3/4	185,165	3/4	170,780	3/4	156,394	3/4	142,009	3/4	127,623	3/4	113,238	3/4	98,853	3/4	84,467	3/4	70,082	3/4	55,701	3/4	41,330	3/4	26,945	3/4	12,861	3/4	1,066	3/4	
11	199,245	11	184,865	11	170,480	11	156,094	11	141,709	11	127,324	11	112,938	11	98,553	11	84,168	11	69,782	11	55,401	11	41,030	11	26,645	11	12,588	11	956	11	
1/4	198,946	1/4	184,566	1/4	170,180	1/4	155,795	1/4	141,409	1/4	127,024	1/4	112,639	1/4	98,253	1/4	83,868	1/4	69,483	1/4	55,102	1/4	40,731	1/4	26,345	1/4	12,315	1/4	846	1/4	
1/2	198,648	1/2	184,266	1/2	169,880	1/2	155,495	1/2	141,110	1/2	126,724	1/2	112,339	1/2	97,954	1/2	83,568	1/2	69,183	1/2	54,803	1/2	40,431	1/2	26,046	1/2	12,043	1/2	736	1/2	
3/4	198,350	3/4	183,966	3/4	169,581	3/4	155,195	3/4	140,810	3/4	126,425	3/4	112,039	3/4	97,654	3/4	83,268	3/4	68,883	3/4	54,504	3/4	40,131	3/4	25,746	3/4	11,770	3/4	626	3/4	

NOTE: GAUGE POINT: TO TOP LIP OF BALL VALVE, ON 18" DECK PIPE.
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: 02/02/2017 BY: JM
DATE COMPUTED: 02/07/2017 BY: CL
DATE ISSUED: 02/07/2017

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: HFL 3015

JEFFBOAT 16-2309

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 7/8"

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	215,196	0	199,814	0	184,430	0	169,046	0	153,663	0	138,279	0	122,895	0	107,511	0	92,128	0	76,744	0	61,360	0	45,978	0	30,600	0	15,216	0	
1/4		1/4	214,876	1/4	199,493	1/4	184,110	1/4	168,726	1/4	153,342	1/4	137,958	1/4	122,575	1/4	107,191	1/4	91,807	1/4	76,423	1/4	61,040	1/4	45,658	1/4	30,279	1/4	14,895	1/4	
1/2		1/2	214,556	1/2	199,173	1/2	183,789	1/2	168,405	1/2	153,022	1/2	137,638	1/2	122,254	1/2	106,870	1/2	91,487	1/2	76,103	1/2	60,719	1/2	45,338	1/2	29,959	1/2	14,575	1/2	
3/4		3/4	214,236	3/4	198,852	3/4	183,469	3/4	168,085	3/4	152,701	3/4	137,317	3/4	121,934	3/4	106,550	3/4	91,166	3/4	75,782	3/4	60,399	3/4	45,017	3/4	29,638	3/4	14,254	3/4	
1		1	213,915	1	198,532	1	183,148	1	167,764	1	152,381	1	136,997	1	121,613	1	106,229	1	90,846	1	75,462	1	60,078	1	44,697	1	29,318	1	13,934	1	
1/4		1/4	213,595	1/4	198,211	1/4	182,828	1/4	167,444	1/4	152,060	1/4	136,676	1/4	121,293	1/4	105,909	1/4	90,525	1/4	75,141	1/4	59,758	1/4	44,377	1/4	28,997	1/4	13,613	1/4	
1/2		1/2	213,275	1/2	197,891	1/2	182,507	1/2	167,123	1/2	151,740	1/2	136,356	1/2	120,972	1/2	105,588	1/2	90,205	1/2	74,821	1/2	59,437	1/2	44,056	1/2	28,677	1/2	13,293	1/2	
3/4		3/4	212,954	3/4	197,570	3/4	182,187	3/4	166,803	3/4	151,419	3/4	136,035	3/4	120,652	3/4	105,268	3/4	89,884	3/4	74,500	3/4	59,117	3/4	43,736	3/4	28,356	3/4	12,972	3/4	
2		2	212,634	2	197,250	2	181,866	2	166,482	2	151,099	2	135,715	2	120,331	2	104,947	2	89,564	2	74,180	2	58,796	2	43,416	2	28,036	2	12,652	2	
1/4		1/4	212,313	1/4	196,929	1/4	181,546	1/4	166,162	1/4	150,778	1/4	135,394	1/4	120,011	1/4	104,627	1/4	89,243	1/4	73,860	1/4	58,476	1/4	43,095	1/4	27,715	1/4	12,331	1/4	
1/2		1/2	211,993	1/2	196,609	1/2	181,225	1/2	165,841	1/2	150,458	1/2	135,074	1/2	119,690	1/2	104,306	1/2	88,923	1/2	73,539	1/2	58,156	1/2	42,775	1/2	27,395	1/2	12,011	1/2	
3/4		3/4	211,672	3/4	196,288	3/4	180,905	3/4	165,521	3/4	150,137	3/4	134,753	3/4	119,370	3/4	103,986	3/4	88,602	3/4	73,219	3/4	57,835	3/4	42,455	3/4	27,074	3/4	11,690	3/4	
3		3	211,352	3	195,968	3	180,584	3	165,200	3	149,817	3	134,433	3	119,049	3	103,665	3	88,282	3	72,898	3	57,515	3	42,135	3	26,754	3	11,370	3	
1/4		1/4	211,031	1/4	195,647	1/4	180,264	1/4	164,880	1/4	149,496	1/4	134,112	1/4	118,729	1/4	103,345	1/4	87,961	1/4	72,578	1/4	57,194	1/4	41,814	1/4	26,433	1/4	11,049	1/4	
1/2		1/2	210,711	1/2	195,327	1/2	179,943	1/2	164,559	1/2	149,176	1/2	133,792	1/2	118,408	1/2	103,025	1/2	87,641	1/2	72,257	1/2	56,874	1/2	41,494	1/2	26,113	1/2	10,729	1/2	
3/4		3/4	210,390	3/4	195,006	3/4	179,623	3/4	164,239	3/4	148,855	3/4	133,471	3/4	118,088	3/4	102,704	3/4	87,320	3/4	71,937	3/4	56,553	3/4	41,174	3/4	25,792	3/4	10,408	3/4	
4		4	210,070	4	194,686	4	179,302	4	163,918	4	148,535	4	133,151	4	117,767	4	102,384	4	87,000	4	71,616	4	56,233	4	40,853	4	25,472	4	10,088	4	
1/4		1/4	209,749	1/4	194,365	1/4	178,982	1/4	163,598	1/4	148,214	1/4	132,831	1/4	117,447	1/4	102,063	1/4	86,679	1/4	71,296	1/4	55,912	1/4	40,533	1/4	25,151	1/4	9,768	1/4	
1/2		1/2	209,429	1/2	194,045	1/2	178,661	1/2	163,277	1/2	147,894	1/2	132,510	1/2	117,126	1/2	101,743	1/2	86,359	1/2	70,975	1/2	55,592	1/2	40,213	1/2	24,831	1/2	9,447	1/2	
3/4		3/4	209,108	3/4	193,724	3/4	178,341	3/4	162,957	3/4	147,573	3/4	132,190	3/4	116,806	3/4	101,422	3/4	86,038	3/4	70,655	3/4	55,271	3/4	39,892	3/4	24,510	3/4	9,127	3/4	
5		5	208,788	5	193,404	5	178,020	5	162,637	5	147,253	5	131,869	5	116,485	5	101,102	5	85,718	5	70,334	5	54,951	5	39,572	5	24,190	5	8,806	5	
1/4		1/4	208,467	1/4	193,083	1/4	177,700	1/4	162,316	1/4	146,932	1/4	131,549	1/4	116,165	1/4	100,781	1/4	85,397	1/4	70,014	1/4	54,630	1/4	39,252	1/4	23,869	1/4	8,486	1/4	
1/2		1/2	208,147	1/2	192,763	1/2	177,379	1/2	161,996	1/2	146,612	1/2	131,228	1/2	115,844	1/2	100,461	1/2	85,077	1/2	69,693	1/2	54,310	1/2	38,931	1/2	23,549	1/2	8,166	1/2	
3/4		3/4	207,826	3/4	192,443	3/4	177,059	3/4	161,675	3/4	146,291	3/4	130,908	3/4	115,524	3/4	100,140	3/4	84,756	3/4	69,373	3/4	53,989	3/4	38,611	3/4	23,228	3/4	7,845	3/4	
6		6	207,506	6	192,122	6	176,738	6	161,355	6	145,971	6	130,587	6	115,203	6	99,820	6	84,436	6	69,052	6	53,669	6	38,291	6	22,908	6	7,525	6	
1/4		1/4	207,185	1/4	191,802	1/4	176,418	1/4	161,034	1/4	145,650	1/4	130,267	1/4	114,883	1/4	99,499	1/4	84,115	1/4	68,732	1/4	53,348	1/4	37,971	1/4	22,587	1/4	7,205	1/4	
1/2		1/2	206,865	1/2	191,481	1/2	176,097	1/2	160,714	1/2	145,330	1/2	129,946	1/2	114,562	1/2	99,179	1/2	83,795	1/2	68,411	1/2	53,028	1/2	37,650	1/2	22,267	1/2	6,885	1/2	
3/4		3/4	206,544	3/4	191,161	3/4	175,777	3/4	160,393	3/4	145,009	3/4	129,626	3/4	114,242	3/4	98,858	3/4	83,474	3/4	68,091	3/4	52,707	3/4	37,330	3/4	21,946	3/4	6,566	3/4	
7		7	206,224	7	190,840	7	175,456	7	160,073	7	144,689	7	129,305	7	113,921	7	98,538	7	83,154	7	67,770	7	52,387	7	37,009	7	21,626	7	6,246	7	
1/4		1/4	205,903	1/4	190,520	1/4	175,136	1/4	159,752	1/4	144,368	1/4	128,985	1/4	113,601	1/4	98,217	1/4	82,833	1/4	67,450	1/4	52,066	1/4	36,689	1/4	21,305	1/4	5,927	1/4	
1/2		1/2	205,583	1/2	190,199	1/2	174,815	1/2	159,432	1/2	144,048	1/2	128,664	1/2	113,280	1/2	97,897	1/2	82,513	1/2	67,129	1/2	51,746	1/2	36,369	1/2	20,985	1/2	5,607	1/2	
7/8	219,516	3/4	205,262	3/4	189,879	3/4	174,495	3/4	159,111	3/4	143,727	3/4	128,344	3/4	112,960	3/4	97,576	3/4	82,192	3/4	66,809	3/4	51,425	3/4	36,048	3/4	20,664	3/4	5,288	3/4	
8	219,422	8	204,942	8	189,558	8	174,174	8	158,791	8	143,407	8	128,023	8	112,639	8	97,256	8	81,872	8	66,488	8	51,105	8	35,728	8	20,344	8	4,969	8	
1/4	219,235	1/4	204,621	1/4	189,238	1/4	173,854	1/4	158,470	1/4	143,086	1/4	127,703	1/4	112,319	1/4	96,935	1/4	81,551	1/4	66,168	1/4	50,784	1/4	35,407	1/4	20,023	1/4	4,651	1/4	
1/2	219,049	1/2	204,301	1/2	188,917	1/2	173,533	1/2	158,150	1/2	142,766	1/2	127,382	1/2	111,998	1/2	96,615	1/2	81,231	1/2	65,847	1/2	50,464	1/2	35,087	1/2	19,703	1/2	4,333	1/2	
3/4	218,862	3/4	203,980	3/4	188,597	3/4	173,213	3/4	157,829	3/4	142,445	3/4	127,062	3/4	111,678	3/4	96,294	3/4	80,910	3/4	65,527	3/4	50,143	3/4	34,766	3/4	19,382	3/4	4,015	3/4	
9	218,648	9	203,660	9	188,276	9	172,892	9	157,509	9	142,125	9	126,741	9	111,357	9	95,974	9	80,590	9	65,206	9	49,823	9	34,446	9	19,062	9	3,697	9	
1/4	218,408	1/4	203,339	1/4	187,956	1/4	172,572	1/4	157,188	1/4	141,804	1/4	126,421	1/4	111,037	1/4	95,653	1/4	80,269	1/4	64,886	1/4	49,502	1/4	34,125	1/4	18,741	1/4	3,381	1/4	
1/2	218,167	1/2	203,019	1/2	187,635	1/2	172,251	1/2	156,868	1/2	141,484	1/2	126,100	1/2	110,716	1/2	95,333	1/2	79,949	1/2	64,565	1/2	49,182	1/2	33,805	1/2	18,421	1/2	3,064	1/2	
3/4	217,927	3/4	202,698	3/4	187,315	3/4	171,931	3/4	156,547	3/4	141,163	3/4	125,780	3/4	110,396	3/4	95,012	3/4	79,628	3/4	64,245	3/4	48,862	3/4	33,484	3/4	18,100	3/4	2,748	3/4	
10	217,660	10	202,378	10	186,994	10	171,610	10	156,227	10	140,843	10	125,459	10	110,075	10	94,692	10	79,308	10	63,924	10	48,541	10	33,164	10	17,780	10	2,449	10	
1/4	217,366	1/4	202,057	1/4	186,674	1/4	171,290	1/4	155,906	1/4	140,522	1/4	125,139	1/4	109,755	1/4	94,371	1/4	78,987	1/4	63,604	1/4	48,221	1/4	32,843	1/4	17,459	1/4	2,169	1/4	
1/2	217,072	1/2	201,737	1/2	186,353	1/2	170,969	1/2	155,586	1/2	140,202	1/2	124,818	1/2	109,434	1/2	94,051	1/2	78,667	1/2	63,283	1/2	47,900	1/2	32,523	1/2	17,139	1/2	1,889	1/2	
3/4	216,779	3/4	201,416	3/4	186,033	3/4	170,649	3/4	155,265	3/4	139,881	3/4	124,498	3/4	109,114	3/4	93,730	3/4	78,346	3/4	62,963	3/4	47,580	3/4	32,202	3/4	16,818	3/4	1,609	3/4	
11	216,472	11	201,096	11	185,712	11	170,328	11	154,945	11	139,561	11	124,177	11	108,793	11	93,410	11	78,026	11	62,642	11	47,259	11	31,882	11	16,498	11	1,369	11	
1/4	216,153	1/4	200,775	1/4	185,392	1/4	170,008	1/4	154,624	1/4	139,240	1/4	123,857	1/4	108,473	1/4	93,089	1/4	77,705	1/4	62,322	1/4	46,939	1/4	31,561	1/4	16,177	1/4	1,168	1/4	
1/2	215,834	1/2	200,455	1/2	185,071	1/2	169,687	1/2	154,304	1/2	138,920	1/2	123,536	1/2	108,152	1/2	92,769	1/2	77,385	1/2	62,001	1/2	46,619	1/2	31,241	1/2	15,857	1/2	968	1/2	
3/4	215,515	3/4	200,134	3/4	184,751	3/4	169,367	3/4	153,983	3/4	138,599	3/4	123,216	3/4	107,832	3/4	92,448	3/4	77,064	3/4	61,681	3/4	46,298	3/4	30,920	3/4	15,536	3/4	768	3/4	
																												7/8	667		

NOTE: GAUGE POINT: TO TOP LIP OF BALL VALVE, ON 18" DECK PIPE.
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: 02/02/2017 BY: JM
DATE COMPUTED: 02/07/2017 BY: CL
DATE ISSUED: 02/07/2017

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: HFL 3015

JEFFBOAT 16-2309

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 7/8"

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	214,593	0	199,252	0	183,909	0	168,566	0	153,223	0	137,881	0	122,538	0	107,195	0	91,852	0	76,510	0	61,170	0	45,838	0	30,518	0	15,175	0	
1/4		1/4	214,274	1/4	198,932	1/4	183,589	1/4	168,247	1/4	152,904	1/4	137,561	1/4	122,218	1/4	106,876	1/4	91,533	1/4	76,190	1/4	60,851	1/4	45,519	1/4	30,198	1/4	14,856	1/4	
1/2		1/2	213,954	1/2	198,612	1/2	183,270	1/2	167,927	1/2	152,584	1/2	137,241	1/2	121,899	1/2	106,556	1/2	91,213	1/2	75,870	1/2	60,531	1/2	45,200	1/2	29,879	1/2	14,536	1/2	
3/4		3/4	213,635	3/4	198,293	3/4	182,950	3/4	167,607	3/4	152,265	3/4	136,922	3/4	121,579	3/4	106,236	3/4	90,894	3/4	75,551	3/4	60,211	3/4	44,881	3/4	29,559	3/4	14,216	3/4	
1		1	213,316	1	197,973	1	182,630	1	167,288	1	151,945	1	136,602	1	121,259	1	105,917	1	90,574	1	75,231	1	59,892	1	44,562	1	29,240	1	13,897	1	
1/4		1/4	212,996	1/4	197,654	1/4	182,311	1/4	166,968	1/4	151,625	1/4	136,283	1/4	120,940	1/4	105,597	1/4	90,254	1/4	74,912	1/4	59,572	1/4	44,244	1/4	28,920	1/4	13,577	1/4	
1/2		1/2	212,677	1/2	197,334	1/2	181,991	1/2	166,648	1/2	151,306	1/2	135,963	1/2	120,620	1/2	105,277	1/2	89,935	1/2	74,592	1/2	59,253	1/2	43,925	1/2	28,600	1/2	13,258	1/2	
3/4		3/4	212,357	3/4	197,014	3/4	181,671	3/4	166,329	3/4	150,986	3/4	135,643	3/4	120,300	3/4	104,958	3/4	89,615	3/4	74,272	3/4	58,933	3/4	43,606	3/4	28,281	3/4	12,938	3/4	
2		2	212,037	2	196,695	2	181,352	2	166,009	2	150,666	2	135,324	2	119,981	2	104,638	2	89,295	2	73,953	2	58,614	2	43,287	2	27,961	2	12,618	2	
1/4		1/4	211,718	1/4	196,375	1/4	181,032	1/4	165,689	1/4	150,347	1/4	135,004	1/4	119,661	1/4	104,318	1/4	88,976	1/4	73,633	1/4	58,294	1/4	42,968	1/4	27,641	1/4	12,299	1/4	
1/2		1/2	211,398	1/2	196,055	1/2	180,713	1/2	165,370	1/2	150,027	1/2	134,684	1/2	119,342	1/2	103,999	1/2	88,656	1/2	73,314	1/2	57,975	1/2	42,649	1/2	27,322	1/2	11,979	1/2	
3/4		3/4	211,078	3/4	195,736	3/4	180,393	3/4	165,050	3/4	149,707	3/4	134,365	3/4	119,022	3/4	103,679	3/4	88,336	3/4	72,994	3/4	57,655	3/4	42,330	3/4	27,002	3/4	11,659	3/4	
3		3	210,759	3	195,416	3	180,073	3	164,731	3	149,388	3	134,045	3	118,702	3	103,360	3	88,017	3	72,674	3	57,335	3	42,011	3	26,682	3	11,340	3	
1/4		1/4	210,439	1/4	195,096	1/4	179,754	1/4	164,411	1/4	149,068	1/4	133,725	1/4	118,383	1/4	103,040	1/4	87,697	1/4	72,355	1/4	57,016	1/4	41,692	1/4	26,363	1/4	11,020	1/4	
1/2		1/2	210,120	1/2	194,777	1/2	179,434	1/2	164,091	1/2	148,749	1/2	133,406	1/2	118,063	1/2	102,720	1/2	87,378	1/2	72,035	1/2	56,696	1/2	41,373	1/2	26,043	1/2	10,700	1/2	
3/4		3/4	209,800	3/4	194,457	3/4	179,114	3/4	163,772	3/4	148,429	3/4	133,086	3/4	117,743	3/4	102,401	3/4	87,058	3/4	71,716	3/4	56,377	3/4	41,054	3/4	25,723	3/4	10,381	3/4	
4		4	209,480	4	194,137	4	178,795	4	163,452	4	148,109	4	132,766	4	117,424	4	102,081	4	86,738	4	71,396	4	56,057	4	40,735	4	25,404	4	10,061	4	
1/4		1/4	209,161	1/4	193,818	1/4	178,475	1/4	163,132	1/4	147,790	1/4	132,447	1/4	117,104	1/4	101,761	1/4	86,419	1/4	71,077	1/4	55,738	1/4	40,416	1/4	25,084	1/4	9,741	1/4	
1/2		1/2	208,841	1/2	193,498	1/2	178,155	1/2	162,813	1/2	147,470	1/2	132,127	1/2	116,784	1/2	101,442	1/2	86,099	1/2	70,757	1/2	55,418	1/2	40,097	1/2	24,765	1/2	9,422	1/2	
3/4		3/4	208,521	3/4	193,179	3/4	177,836	3/4	162,493	3/4	147,150	3/4	131,808	3/4	116,465	3/4	101,122	3/4	85,779	3/4	70,437	3/4	55,099	3/4	39,778	3/4	24,445	3/4	9,102	3/4	
5		5	208,202	5	192,859	5	177,516	5	162,173	5	146,831	5	131,488	5	116,145	5	100,802	5	85,460	5	70,118	5	54,779	5	39,459	5	24,125	5	8,783	5	
1/4		1/4	207,882	1/4	192,539	1/4	177,197	1/4	161,854	1/4	146,511	1/4	131,168	1/4	115,826	1/4	100,483	1/4	85,140	1/4	69,798	1/4	54,459	1/4	39,140	1/4	23,806	1/4	8,463	1/4	
1/2		1/2	207,562	1/2	192,220	1/2	176,877	1/2	161,534	1/2	146,191	1/2	130,849	1/2	115,506	1/2	100,163	1/2	84,820	1/2	69,479	1/2	54,140	1/2	38,821	1/2	23,486	1/2	8,144	1/2	
3/4		3/4	207,243	3/4	191,900	3/4	176,557	3/4	161,214	3/4	145,872	3/4	130,529	3/4	115,186	3/4	99,843	3/4	84,501	3/4	69,159	3/4	53,820	3/4	38,502	3/4	23,166	3/4	7,824	3/4	
6		6	206,923	6	191,580	6	176,238	6	160,895	6	145,552	6	130,209	6	114,867	6	99,524	6	84,181	6	68,840	6	53,501	6	38,183	6	22,847	6	7,505	6	
1/4		1/4	206,603	1/4	191,261	1/4	175,918	1/4	160,575	1/4	145,232	1/4	129,890	1/4	114,547	1/4	99,204	1/4	83,861	1/4	68,520	1/4	53,181	1/4	37,864	1/4	22,527	1/4	7,186	1/4	
1/2		1/2	206,284	1/2	190,941	1/2	175,598	1/2	160,256	1/2	144,913	1/2	129,570	1/2	114,227	1/2	98,885	1/2	83,542	1/2	68,200	1/2	52,862	1/2	37,545	1/2	22,207	1/2	6,867	1/2	
3/4		3/4	205,964	3/4	190,621	3/4	175,279	3/4	159,936	3/4	144,593	3/4	129,250	3/4	113,908	3/4	98,565	3/4	83,222	3/4	67,881	3/4	52,542	3/4	37,226	3/4	21,888	3/4	6,548	3/4	
7		7	205,645	7	190,302	7	174,959	7	159,616	7	144,274	7	128,931	7	113,588	7	98,245	7	82,903	7	67,561	7	52,223	7	36,907	7	21,568	7	6,229	7	
1/4		1/4	205,325	1/4	189,982	1/4	174,639	1/4	159,297	1/4	143,954	1/4	128,611	1/4	113,268	1/4	97,926	1/4	82,583	1/4	67,242	1/4	51,903	1/4	36,588	1/4	21,249	1/4	5,911	1/4	
1/2		1/2	205,005	1/2	189,663	1/2	174,320	1/2	158,977	1/2	143,634	1/2	128,292	1/2	112,949	1/2	97,606	1/2	82,263	1/2	66,922	1/2	51,584	1/2	36,269	1/2	20,929	1/2	5,592	1/2	
7/8	218,901	3/4	204,686	3/4	189,343	3/4	174,000	3/4	158,657	3/4	143,315	3/4	127,972	3/4	112,629	3/4	97,286	3/4	81,944	3/4	66,603	3/4	51,264	3/4	35,950	3/4	20,609	3/4	5,274	3/4	
8	218,808	8	204,366	8	189,023	8	173,680	8	158,338	8	142,995	8	127,652	8	112,309	8	96,967	8	81,624	8	66,283	8	50,945	8	35,631	8	20,290	8	4,956	8	
1/4	218,622	1/4	204,046	1/4	188,704	1/4	173,361	1/4	158,018	1/4	142,675	1/4	127,333	1/4	111,990	1/4	96,647	1/4	81,304	1/4	65,963	1/4	50,625	1/4	35,312	1/4	19,970	1/4	4,639	1/4	
1/2	218,435	1/2	203,727	1/2	188,384	1/2	173,041	1/2	157,698	1/2	142,356	1/2	127,013	1/2	111,670	1/2	96,327	1/2	80,985	1/2	65,644	1/2	50,306	1/2	34,992	1/2	19,650	1/2	4,321	1/2	
3/4	218,249	3/4	203,407	3/4	188,064	3/4	172,722	3/4	157,379	3/4	142,036	3/4	126,693	3/4	111,351	3/4	96,008	3/4	80,665	3/4	65,324	3/4	49,987	3/4	34,673	3/4	19,331	3/4	4,004	3/4	
9	218,036	9	203,087	9	187,745	9	172,402	9	157,059	9	141,716	9	126,374	9	111,031	9	95,688	9	80,345	9	65,005	9	49,667	9	34,354	9	19,011	9	3,687	9	
1/4	217,796	1/4	202,768	1/4	187,425	1/4	172,082	1/4	156,740	1/4	141,397	1/4	126,054	1/4	110,711	1/4	95,369	1/4	80,026	1/4	64,685	1/4	49,348	1/4	34,034	1/4	18,691	1/4	3,372	1/4	
1/2	217,556	1/2	202,448	1/2	187,105	1/2	171,763	1/2	156,420	1/2	141,077	1/2	125,734	1/2	110,392	1/2	95,049	1/2	79,706	1/2	64,366	1/2	49,029	1/2	33,714	1/2	18,372	1/2	3,056	1/2	
3/4	217,316	3/4	202,128	3/4	186,786	3/4	171,443	3/4	156,100	3/4	140,757	3/4	125,415	3/4	110,072	3/4	94,729	3/4	79,386	3/4	64,046	3/4	48,710	3/4	33,395	3/4	18,052	3/4	2,740	3/4	
10	217,050	10	201,809	10	186,466	10	171,123	10	155,781	10	140,438	10	125,095	10	109,752	10	94,410	10	79,067	10	63,727	10	48,390	10	33,075	10	17,732	10	2,443	10	
1/4	216,757	1/4	201,489	1/4	186,146	1/4	170,804	1/4	155,461	1/4	140,118	1/4	124,775	1/4	109,433	1/4	94,090	1/4	78,747	1/4	63,407	1/4	48,071	1/4	32,756	1/4	17,413	1/4	2,163	1/4	
1/2	216,464	1/2	201,170	1/2	185,827	1/2	170,484	1/2	155,141	1/2	139,799	1/2	124,456	1/2	109,113	1/2	93,770	1/2	78,428	1/2	63,087	1/2	47,752	1/2	32,436	1/2	17,093	1/2	1,884	1/2	
3/4	216,171	3/4	200,850	3/4	185,507	3/4	170,164	3/4	154,822	3/4	139,479	3/4	124,136	3/4	108,793	3/4	93,451	3/4	78,108	3/4	62,768	3/4	47,433	3/4	32,116	3/4	16,774	3/4	1,605	3/4	
11	215,866	11	200,530	11	185,188	11	169,845	11	154,502	11	139,159	11	123,817	11	108,474	11	93,131	11	77,788	11	62,448	11	47,114	11	31,797	11	16,454	11	1,365	11	
1/4	215,548	1/4	200,211	1/4	184,868	1/4	169,525	1/4	154,182	1/4	138,840	1/4	123,497	1/4	108,154	1/4	92,811	1/4	77,469	1/4	62,129	1/4	46,795	1/4	31,477	1/4	16,134	1/4	1,165	1/4	
1/2	215,229	1/2	199,891	1/2	184,548	1/2	169,206	1/2	153,863	1/2	138,520	1/2	123,177	1/2	107,835	1/2	92,492	1/2	77,149	1/2	61,809	1/2	46,476	1/2	31,157	1/2	15,815	1/2	965	1/2	
3/4	214,911	3/4	199,571	3/4	184,229	3/4	168,886	3/4	153,543	3/4	138,200	3/4	122,858	3/4	107,515	3/4	92,172	3/4	76,829	3/4	61,490	3/4	46,157	3/4	30,838	3/4	15,495	3/4	766	3/4	
																												7/8	666		

NOTE: GAUGE POINT: TO TOP LIP OF BALL VALVE, ON 18" DECK PIPE.
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: 02/02/2017 BY: JM
DATE COMPUTED: 02/07/2017 BY: CL
DATE ISSUED: 02/07/2017

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: HFL 3015

JEFFBOAT 16-2309

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	194,604	0	183,978	0	173,351	0	162,724	0	152,097	0	137,233	0	121,877	0	106,521	0	91,164	0	75,808	0	60,451	0	45,095	0	29,742	0	14,389	0	
1/4		1/4	194,383	1/4	183,756	1/4	173,129	1/4	162,503	1/4	151,876	1/4	136,913	1/4	121,557	1/4	106,201	1/4	90,844	1/4	75,488	1/4	60,131	1/4	44,775	1/4	29,422	1/4	14,069	1/4	
1/2		1/2	194,162	1/2	183,535	1/2	172,908	1/2	162,281	1/2	151,654	1/2	136,594	1/2	121,237	1/2	105,881	1/2	90,524	1/2	75,168	1/2	59,811	1/2	44,455	1/2	29,102	1/2	13,749	1/2	
3/4		3/4	193,940	3/4	183,313	3/4	172,687	3/4	162,060	3/4	151,433	3/4	136,274	3/4	120,917	3/4	105,561	3/4	90,204	3/4	74,848	3/4	59,492	3/4	44,136	3/4	28,783	3/4	13,429	3/4	
1		1	193,719	1	183,092	1	172,465	1	161,838	1	151,212	1	135,954	1	120,597	1	105,241	1	89,884	1	74,528	1	59,172	1	43,816	1	28,463	1	13,109	1	
1/4		1/4	193,498	1/4	182,871	1/4	172,244	1/4	161,617	1/4	150,990	1/4	135,634	1/4	120,277	1/4	104,921	1/4	89,565	1/4	74,208	1/4	58,852	1/4	43,496	1/4	28,143	1/4	12,789	1/4	
1/2		1/2	193,276	1/2	182,649	1/2	172,022	1/2	161,396	1/2	150,670	1/2	135,314	1/2	119,957	1/2	104,601	1/2	89,245	1/2	73,888	1/2	58,532	1/2	43,176	1/2	27,823	1/2	12,469	1/2	
3/4		3/4	193,055	3/4	182,428	3/4	171,801	3/4	161,174	3/4	150,350	3/4	134,994	3/4	119,637	3/4	104,281	3/4	88,925	3/4	73,568	3/4	58,212	3/4	42,856	3/4	27,504	3/4	12,150	3/4	
2		2	192,833	2	182,207	2	171,580	2	160,953	2	150,030	2	134,674	2	119,318	2	103,961	2	88,605	2	73,248	2	57,892	2	42,536	2	27,184	2	11,830	2	
1/4		1/4	192,612	1/4	181,985	1/4	171,358	1/4	160,731	1/4	149,710	1/4	134,354	1/4	118,998	1/4	103,641	1/4	88,285	1/4	72,928	1/4	57,572	1/4	42,216	1/4	26,864	1/4	11,510	1/4	
1/2		1/2	192,391	1/2	181,764	1/2	171,137	1/2	160,510	1/2	149,391	1/2	134,034	1/2	118,678	1/2	103,321	1/2	87,965	1/2	72,608	1/2	57,252	1/2	41,896	1/2	26,544	1/2	11,190	1/2	
3/4		3/4	192,169	3/4	181,542	3/4	170,915	3/4	160,289	3/4	149,071	3/4	133,714	3/4	118,358	3/4	103,001	3/4	87,645	3/4	72,289	3/4	56,932	3/4	41,577	3/4	26,224	3/4	10,870	3/4	
3		3	191,948	3	181,321	3	170,694	3	160,067	3	148,751	3	133,394	3	118,038	3	102,681	3	87,325	3	71,969	3	56,612	3	41,257	3	25,905	3	10,550	3	
1/4		1/4	191,726	1/4	181,100	1/4	170,473	1/4	159,846	1/4	148,431	1/4	133,074	1/4	117,718	1/4	102,362	1/4	87,005	1/4	71,649	1/4	56,292	1/4	40,937	1/4	25,585	1/4	10,230	1/4	
1/2		1/2	191,505	1/2	180,878	1/2	170,251	1/2	159,624	1/2	148,111	1/2	132,754	1/2	117,398	1/2	102,042	1/2	86,685	1/2	71,329	1/2	55,972	1/2	40,617	1/2	25,265	1/2	9,910	1/2	
3/4		3/4	191,284	3/4	180,657	3/4	170,030	3/4	159,403	3/4	147,791	3/4	132,434	3/4	117,078	3/4	101,722	3/4	86,365	3/4	71,009	3/4	55,652	3/4	40,297	3/4	24,945	3/4	9,590	3/4	
4		4	191,062	4	180,435	4	169,809	4	159,182	4	147,471	4	132,115	4	116,758	4	101,402	4	86,045	4	70,689	4	55,333	4	39,977	4	24,625	4	9,270	4	
1/4		1/4	190,841	1/4	180,214	1/4	169,587	1/4	158,960	1/4	147,151	1/4	131,795	1/4	116,438	1/4	101,082	1/4	85,725	1/4	70,369	1/4	55,013	1/4	39,657	1/4	24,306	1/4	8,950	1/4	
1/2		1/2	190,619	1/2	179,993	1/2	169,366	1/2	158,739	1/2	146,831	1/2	131,475	1/2	116,118	1/2	100,762	1/2	85,405	1/2	70,049	1/2	54,693	1/2	39,337	1/2	23,986	1/2	8,631	1/2	
3/4		3/4	190,398	3/4	179,771	3/4	169,144	3/4	158,517	3/4	146,511	3/4	131,155	3/4	115,798	3/4	100,442	3/4	85,086	3/4	69,729	3/4	54,373	3/4	39,018	3/4	23,666	3/4	8,311	3/4	
5		5	190,177	5	179,550	5	168,923	5	158,296	5	146,191	5	130,835	5	115,478	5	100,122	5	84,766	5	69,409	5	54,053	5	38,698	5	23,346	5	7,991	5	
1/4		1/4	189,955	1/4	179,328	1/4	168,702	1/4	158,075	1/4	145,871	1/4	130,515	1/4	115,159	1/4	99,802	1/4	84,446	1/4	69,089	1/4	53,733	1/4	38,378	1/4	23,026	1/4	7,672	1/4	
1/2		1/2	189,734	1/2	179,107	1/2	168,480	1/2	157,853	1/2	145,551	1/2	130,195	1/2	114,839	1/2	99,482	1/2	84,126	1/2	68,769	1/2	53,413	1/2	38,058	1/2	22,707	1/2	7,352	1/2	
3/4		3/4	189,512	3/4	178,886	3/4	168,259	3/4	157,632	3/4	145,231	3/4	129,875	3/4	114,519	3/4	99,162	3/4	83,806	3/4	68,449	3/4	53,093	3/4	37,738	3/4	22,387	3/4	7,033	3/4	
6		6	189,291	6	178,664	6	168,037	6	157,411	6	144,912	6	129,555	6	114,199	6	98,842	6	83,486	6	68,130	6	52,773	6	37,418	6	22,067	6	6,714	6	
1/4		1/4	189,070	1/4	178,443	1/4	167,816	1/4	157,189	1/4	144,592	1/4	129,235	1/4	113,879	1/4	98,522	1/4	83,166	1/4	67,810	1/4	52,453	1/4	37,098	1/4	21,747	1/4	6,394	1/4	
1/2		1/2	188,848	1/2	178,221	1/2	167,595	1/2	156,968	1/2	144,272	1/2	128,915	1/2	113,559	1/2	98,202	1/2	82,846	1/2	67,490	1/2	52,133	1/2	36,778	1/2	21,427	1/2	6,075	1/2	
3/4		3/4	188,627	3/4	178,000	3/4	167,373	3/4	156,746	3/4	143,952	3/4	128,595	3/4	113,239	3/4	97,883	3/4	82,526	3/4	67,170	3/4	51,813	3/4	36,459	3/4	21,107	3/4	5,757	3/4	
7		7	188,406	7	177,779	7	167,152	7	156,525	7	143,632	7	128,275	7	112,919	7	97,563	7	82,206	7	66,850	7	51,493	7	36,139	7	20,788	7	5,438	7	
1/4	197,843	1/4	188,184	1/4	177,557	1/4	166,930	1/4	156,304	1/4	143,312	1/4	127,956	1/4	112,599	1/4	97,243	1/4	81,886	1/4	66,530	1/4	51,173	1/4	35,819	1/4	20,468	1/4	5,119	1/4	
1/2	197,755	1/2	187,963	1/2	177,336	1/2	166,709	1/2	156,082	1/2	142,992	1/2	127,636	1/2	112,279	1/2	96,923	1/2	81,566	1/2	66,210	1/2	50,854	1/2	35,499	1/2	20,148	1/2	4,802	1/2	
3/4	197,667	3/4	187,741	3/4	177,114	3/4	166,488	3/4	155,861	3/4	142,672	3/4	127,316	3/4	111,959	3/4	96,603	3/4	81,246	3/4	65,890	3/4	50,534	3/4	35,179	3/4	19,828	3/4	4,484	3/4	
8	197,579	8	187,520	8	176,893	8	166,266	8	155,639	8	142,352	8	126,996	8	111,639	8	96,283	8	80,927	8	65,570	8	50,214	8	34,859	8	19,508	8	4,166	8	
1/4	197,490	1/4	187,299	1/4	176,672	1/4	166,045	1/4	155,418	1/4	142,032	1/4	126,676	1/4	111,319	1/4	95,963	1/4	80,607	1/4	65,250	1/4	49,894	1/4	34,539	1/4	19,188	1/4	3,849	1/4	
1/2	197,349	1/2	187,077	1/2	176,450	1/2	165,823	1/2	155,197	1/2	141,712	1/2	126,356	1/2	110,999	1/2	95,643	1/2	80,287	1/2	64,930	1/2	49,574	1/2	34,220	1/2	18,868	1/2	3,533	1/2	
3/4	197,208	3/4	186,856	3/4	176,229	3/4	165,602	3/4	154,975	3/4	141,392	3/4	126,036	3/4	110,680	3/4	95,323	3/4	79,967	3/4	64,610	3/4	49,254	3/4	33,900	3/4	18,548	3/4	3,217	3/4	
9	197,066	9	186,634	9	176,008	9	165,381	9	154,754	9	141,072	9	125,716	9	110,360	9	95,003	9	79,647	9	64,290	9	48,934	9	33,580	9	18,228	9	2,901	9	
1/4	196,925	1/4	186,413	1/4	175,786	1/4	165,159	1/4	154,532	1/4	140,753	1/4	125,396	1/4	110,040	1/4	94,683	1/4	79,327	1/4	63,970	1/4	48,614	1/4	33,260	1/4	17,908	1/4	2,585	1/4	
1/2	196,730	1/2	186,192	1/2	175,565	1/2	164,938	1/2	154,311	1/2	140,433	1/2	125,076	1/2	109,720	1/2	94,363	1/2	79,007	1/2	63,651	1/2	48,294	1/2	32,940	1/2	17,588	1/2	2,305	1/2	
3/4	196,536	3/4	185,970	3/4	175,343	3/4	164,716	3/4	154,090	3/4	140,113	3/4	124,756	3/4	109,400	3/4	94,043	3/4	78,687	3/4	63,331	3/4	47,974	3/4	32,620	3/4	17,268	3/4	2,026	3/4	
10	196,341	10	185,749	10	175,122	10	164,495	10	153,868	10	139,793	10	124,436	10	109,080	10	93,724	10	78,367	10	63,011	10	47,654	10	32,300	10	16,948	10	1,746	10	
1/4	196,146	1/4	185,527	1/4	174,901	1/4	164,274	1/4	153,647	1/4	139,473	1/4	124,116	1/4	108,760	1/4	93,404	1/4	78,047	1/4	62,691	1/4	47,334	1/4	31,980	1/4	16,629	1/4	1,466	1/4	
1/2	195,926	1/2	185,306	1/2	174,679	1/2	164,052	1/2	153,425	1/2	139,153	1/2	123,796	1/2	108,440	1/2	93,084	1/2	77,727	1/2	62,371	1/2	47,015	1/2	31,661	1/2	16,309	1/2	1,266	1/2	
3/4	195,706	3/4	185,085	3/4	174,458	3/4	163,831	3/4	153,204	3/4	138,833	3/4	123,477	3/4	108,120	3/4	92,764	3/4	77,407	3/4	62,051	3/4	46,695	3/4	31,341	3/4	15,989	3/4	1,066	3/4	
11	195,487	11	184,863	11	174,236	11	163,610	11	152,983	11	138,513	11	123,157	11	107,800	11	92,444	11	77,087	11	61,731	11	46,375	11	31,021	11	15,669	11	866	11	
1/4	195,267	1/4	184,642	1/4	174,015	1/4	163,388	1/4	152,761	1/4	138,193	1/4	122,837	1/4	107,480	1/4	92,124	1/4	76,767	1/4	61,411	1/4	46,055	1/4	30,701	1/4	15,349	1/4	666	1/4	
1/2	195,046	1/2	184,420	1/2	173,794	1/2	163,167	1/2	152,540	1/2	137,873	1/2	122,517	1/2	107,160	1/2	91,804	1/2	76,448	1/2	61,091	1/2	45,735	1/2	30,382	1/2	15,029	1/4		1/2	
3/4	194,825	3/4	184,199	3/4	173,572	3/4	162,945	3/4	152,318	3/4	137,553	3/4	122,197	3/4	106,840	3/4	91,484	3/4	76,128	3/4	60,771	3/4	45,415	3/4	30,062	3/4	14,709	3/4		3/4	

NOTE: GAUGE POINT: TO TOP LIP OF BALL VALVE, ON 18" DECK PIPE.
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: 02/02/2017 BY: JM
DATE COMPUTED: 02/07/2017 BY: CL
DATE ISSUED: 02/07/2017

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BARGE: HFL 3015

JEFFBOAT 16-2309

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 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	194,543	0	183,915	0	173,286	0	162,656	0	152,027	0	137,279	0	121,942	0	106,606	0	91,272	0	75,941	0	60,640	0	45,319	0	30,031	0	14,698	0	
1/4		1/4	194,322	1/4	183,694	1/4	173,064	1/4	162,435	1/4	151,806	1/4	136,959	1/4	121,623	1/4	106,286	1/4	90,952	1/4	75,622	1/4	60,322	1/4	45,000	1/4	29,712	1/4	14,378	1/4	
1/2		1/2	194,101	1/2	183,472	1/2	172,843	1/2	162,213	1/2	151,584	1/2	136,640	1/2	121,303	1/2	105,967	1/2	90,633	1/2	75,302	1/2	60,003	1/2	44,682	1/2	29,392	1/2	14,059	1/2	
3/4		3/4	193,880	3/4	183,251	3/4	172,621	3/4	161,992	3/4	151,363	3/4	136,320	3/4	120,984	3/4	105,647	3/4	90,313	3/4	74,983	3/4	59,684	3/4	44,363	3/4	29,073	3/4	13,739	3/4	
1		1	193,658	1	183,029	1	172,400	1	161,771	1	151,141	1	136,001	1	120,664	1	105,328	1	89,994	1	74,664	1	59,366	1	44,045	1	28,754	1	13,420	1	
1/4		1/4	193,437	1/4	182,808	1/4	172,178	1/4	161,549	1/4	150,920	1/4	135,681	1/4	120,345	1/4	105,008	1/4	89,674	1/4	74,345	1/4	59,047	1/4	43,727	1/4	28,434	1/4	13,100	1/4	
1/2		1/2	193,216	1/2	182,586	1/2	171,957	1/2	161,328	1/2	150,698	1/2	135,362	1/2	120,025	1/2	104,689	1/2	89,355	1/2	74,026	1/2	58,728	1/2	43,408	1/2	28,115	1/2	12,781	1/2	
3/4		3/4	192,994	3/4	182,365	3/4	171,736	3/4	161,106	3/4	150,379	3/4	135,042	3/4	119,706	3/4	104,369	3/4	89,035	3/4	73,707	3/4	58,409	3/4	43,090	3/4	27,796	3/4	12,461	3/4	
2		2	192,773	2	182,143	2	171,514	2	160,885	2	150,059	2	134,723	2	119,386	2	104,050	2	88,716	2	73,388	2	58,090	2	42,772	2	27,476	2	12,142	2	
1/4		1/4	192,551	1/4	181,922	1/4	171,293	1/4	160,663	1/4	149,740	1/4	134,403	1/4	119,067	1/4	103,730	1/4	88,396	1/4	73,069	1/4	57,771	1/4	42,453	1/4	27,157	1/4	11,822	1/4	
1/2		1/2	192,330	1/2	181,701	1/2	171,071	1/2	160,442	1/2	149,420	1/2	134,084	1/2	118,747	1/2	103,411	1/2	88,077	1/2	72,749	1/2	57,453	1/2	42,135	1/2	26,837	1/2	11,503	1/2	
3/4		3/4	192,108	3/4	181,479	3/4	170,850	3/4	160,220	3/4	149,101	3/4	133,764	3/4	118,428	3/4	103,092	3/4	87,758	3/4	72,430	3/4	57,133	3/4	41,817	3/4	26,518	3/4	11,183	3/4	
3		3	191,887	3	181,258	3	170,628	3	159,999	3	148,781	3	133,445	3	118,108	3	102,772	3	87,438	3	72,111	3	56,814	3	41,498	3	26,199	3	10,864	3	
1/4		1/4	191,666	1/4	181,036	1/4	170,407	1/4	159,778	1/4	148,462	1/4	133,125	1/4	117,789	1/4	102,453	1/4	87,119	1/4	71,792	1/4	56,494	1/4	41,180	1/4	25,879	1/4	10,544	1/4	
1/2		1/2	191,444	1/2	180,815	1/2	170,185	1/2	159,556	1/2	148,142	1/2	132,806	1/2	117,469	1/2	102,133	1/2	86,799	1/2	71,473	1/2	56,175	1/2	40,861	1/2	25,560	1/2	10,225	1/2	
3/4		3/4	191,223	3/4	180,593	3/4	169,964	3/4	159,335	3/4	147,823	3/4	132,486	3/4	117,150	3/4	101,814	3/4	86,480	3/4	71,154	3/4	55,855	3/4	40,543	3/4	25,241	3/4	9,905	3/4	
4		4	191,001	4	180,372	4	169,743	4	159,113	4	147,503	4	132,167	4	116,830	4	101,494	4	86,160	4	70,835	4	55,536	4	40,225	4	24,921	4	9,586	4	
1/4		1/4	190,780	1/4	180,150	1/4	169,521	1/4	158,892	1/4	147,184	1/4	131,847	1/4	116,511	1/4	101,175	1/4	85,841	1/4	70,515	1/4	55,216	1/4	39,906	1/4	24,602	1/4	9,266	1/4	
1/2		1/2	190,558	1/2	179,929	1/2	169,300	1/2	158,670	1/2	146,864	1/2	131,528	1/2	116,191	1/2	100,855	1/2	85,521	1/2	70,196	1/2	54,897	1/2	39,588	1/2	24,282	1/2	8,947	1/2	
3/4		3/4	190,337	3/4	179,708	3/4	169,078	3/4	158,449	3/4	146,545	3/4	131,208	3/4	115,872	3/4	100,536	3/4	85,202	3/4	69,878	3/4	54,577	3/4	39,270	3/4	23,963	3/4	8,627	3/4	
5		5	190,115	5	179,486	5	168,857	5	158,227	5	146,225	5	130,889	5	115,552	5	100,216	5	84,882	5	69,559	5	54,258	5	38,951	5	23,644	5	8,308	5	
1/4		1/4	189,894	1/4	179,265	1/4	168,635	1/4	158,006	1/4	145,906	1/4	130,569	1/4	115,233	1/4	99,897	1/4	84,563	1/4	69,241	1/4	53,938	1/4	38,633	1/4	23,324	1/4	7,989	1/4	
1/2		1/2	189,673	1/2	179,043	1/2	168,414	1/2	157,785	1/2	145,586	1/2	130,250	1/2	114,913	1/2	99,577	1/2	84,243	1/2	68,922	1/2	53,619	1/2	38,315	1/2	23,005	1/2	7,669	1/2	
3/4		3/4	189,451	3/4	178,822	3/4	168,192	3/4	157,563	3/4	145,267	3/4	129,930	3/4	114,594	3/4	99,258	3/4	83,924	3/4	68,604	3/4	53,299	3/4	37,996	3/4	22,685	3/4	7,350	3/4	
6		6	189,230	6	178,600	6	167,971	6	157,342	6	144,947	6	129,611	6	114,274	6	98,939	6	83,605	6	68,285	6	52,980	6	37,678	6	22,366	6	7,032	6	
1/4		1/4	189,008	1/4	178,379	1/4	167,750	1/4	157,120	1/4	144,628	1/4	129,291	1/4	113,955	1/4	98,619	1/4	83,285	1/4	67,967	1/4	52,660	1/4	37,360	1/4	22,046	1/4	6,713	1/4	
1/2		1/2	188,787	1/2	178,157	1/2	167,528	1/2	156,899	1/2	144,308	1/2	128,972	1/2	113,635	1/2	98,300	1/2	82,966	1/2	67,648	1/2	52,341	1/2	37,041	1/2	21,727	1/2	6,394	1/2	
3/4		3/4	188,565	3/4	177,936	3/4	167,307	3/4	156,677	3/4	143,989	3/4	128,652	3/4	113,316	3/4	97,980	3/4	82,646	3/4	67,330	3/4	52,021	3/4	36,723	3/4	21,407	3/4	6,075	3/4	
7		7	188,344	7	177,715	7	167,085	7	156,456	7	143,669	7	128,333	7	112,996	7	97,661	7	82,327	7	67,011	7	51,702	7	36,404	7	21,088	7	5,757	7	
1/4		1/4	188,122	1/4	177,493	1/4	166,864	1/4	156,234	1/4	143,350	1/4	128,013	1/4	112,677	1/4	97,341	1/4	82,007	1/4	66,692	1/4	51,382	1/4	36,086	1/4	20,768	1/4	5,439	1/4	
1/2	197,562	1/2	187,901	1/2	177,272	1/2	166,642	1/2	156,013	1/2	143,030	1/2	127,694	1/2	112,357	1/2	97,022	1/2	81,688	1/2	66,374	1/2	51,063	1/2	35,768	1/2	20,449	1/2	5,121	1/2	
3/4	197,474	3/4	187,680	3/4	177,050	3/4	166,421	3/4	155,792	3/4	142,711	3/4	127,374	3/4	112,038	3/4	96,702	3/4	81,368	3/4	66,056	3/4	50,743	3/4	35,449	3/4	20,129	3/4	4,803	3/4	
8	197,386	8	187,458	8	176,829	8	166,199	8	155,570	8	142,391	8	127,055	8	111,718	8	96,383	8	81,049	8	65,737	8	50,424	8	35,131	8	19,810	8	4,485	8	
1/4	197,298	1/4	187,237	1/4	176,607	1/4	165,978	1/4	155,349	1/4	142,072	1/4	126,735	1/4	111,399	1/4	96,063	1/4	80,729	1/4	65,419	1/4	50,104	1/4	34,813	1/4	19,490	1/4	4,167	1/4	
1/2	197,209	1/2	187,015	1/2	176,386	1/2	165,757	1/2	155,127	1/2	141,752	1/2	126,416	1/2	111,079	1/2	95,744	1/2	80,410	1/2	65,101	1/2	49,785	1/2	34,494	1/2	19,171	1/2	3,849	1/2	
3/4	197,068	3/4	186,794	3/4	176,164	3/4	165,535	3/4	154,906	3/4	141,433	3/4	126,096	3/4	110,760	3/4	95,425	3/4	80,090	3/4	64,782	3/4	49,466	3/4	34,176	3/4	18,851	3/4	3,533	3/4	
9	196,927	9	186,572	9	175,943	9	165,314	9	154,684	9	141,113	9	125,777	9	110,440	9	95,105	9	79,771	9	64,464	9	49,146	9	33,858	9	18,532	9	3,217	9	
1/4	196,785	1/4	186,351	1/4	175,722	1/4	165,092	1/4	154,463	1/4	140,794	1/4	125,457	1/4	110,121	1/4	94,786	1/4	79,452	1/4	64,146	1/4	48,827	1/4	33,539	1/4	18,212	1/4	2,902	1/4	
1/2	196,644	1/2	186,129	1/2	175,500	1/2	164,871	1/2	154,241	1/2	140,474	1/2	125,138	1/2	109,801	1/2	94,466	1/2	79,132	1/2	63,827	1/2	48,507	1/2	33,221	1/2	17,893	1/2	2,586	1/2	
3/4	196,449	3/4	185,908	3/4	175,279	3/4	164,649	3/4	154,020	3/4	140,154	3/4	124,818	3/4	109,482	3/4	94,147	3/4	78,813	3/4	63,509	3/4	48,188	3/4	32,902	3/4	17,573	3/4	2,306	3/4	
10	196,254	10	185,687	10	175,057	10	164,428	10	153,799	10	139,835	10	124,498	10	109,162	10	93,827	10	78,494	10	63,190	10	47,868	10	32,584	10	17,254	10	2,026	10	
1/4	196,060	1/4	185,465	1/4	174,836	1/4	164,206	1/4	153,577	1/4	139,515	1/4	124,179	1/4	108,842	1/4	93,508	1/4	78,175	1/4	62,871	1/4	47,549	1/4	32,266	1/4	16,934	1/4	1,746	1/4	
1/2	195,865	1/2	185,244	1/2	174,614	1/2	163,985	1/2	153,356	1/2	139,196	1/2	123,859	1/2	108,523	1/2	93,188	1/2	77,856	1/2	62,553	1/2	47,229	1/2	31,947	1/2	16,615	1/2	1,466	1/2	
3/4	195,645	3/4	185,022	3/4	174,393	3/4	163,764	3/4	153,134	3/4	138,876	3/4	123,540	3/4	108,203	3/4	92,869	3/4	77,536	3/4	62,234	3/4	46,911	3/4	31,628	3/4	16,295	3/4	1,266	3/4	
11	195,425	11	184,801	11	174,171	11	163,542	11	152,913	11	138,557	11	123,220	11	107,884	11	92,549	11	77,217	11	61,915	11	46,592	11	31,309	11	15,976	11	1,066	11	
1/4	195,205	1/4	184,579	1/4	173,950	1/4	163,321	1/4	152,691	1/4	138,237	1/4	122,901	1/4	107,564	1/4	92,230	1/4	76,898	1/4	61,597	1/4	46,274	1/4	30,989	1/4	15,656	1/4	866	1/4	
1/2	194,985	1/2	184,358	1/2	173,729	1/2	163,099	1/2	152,470	1/2	137,918	1/2	122,581	1/2	107,245	1/2	91,910	1/2	76,579	1/2	61,278	1/2	45,955	1/2	30,670	1/2	15,337	1/2	666	1/2	
3/4	194,764	3/4	184,136	3/4	173,507	3/4	162,878	3/4	152,248	3/4	137,598	3/4	122,262	3/4	106,925	3/4	91,591	3/4	76,260	3/4	60,959	3/4	45,637	3/4	30,351	3/4	15,017	1/2		3/4	

NOTE: GAUGE POINT: TO TOP LIP OF BALL VALVE, ON 18" DECK PIPE.
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: 02/02/2017 BY: JM
DATE COMPUTED: 02/07/2017 BY: CL
DATE ISSUED: 02/07/2017

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: HFL 3015
JEFFBOAT 16-2309

PORT SLOP
ULLAGE TABLE
8" HATCH

CAPACITIES GIVEN IN GALLONS

REFERENCE GAUGE HEIGHT: 6'-01 3/4"

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	5,002	0	3,796	0	2,589	0	1,383	0	176	0		0		0		0		0	
1/4		1/4		1/4	4,977	1/4	3,770	1/4	2,564	1/4	1,357	1/4	151	1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,952	1/2	3,745	1/2	2,539	1/2	1,332	1/2	126	1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,927	3/4	3,720	3/4	2,514	3/4	1,307	3/4	101	3/4		3/4		3/4		3/4		3/4	
1		1		1	4,902	1	3,695	1	2,489	1	1,282	1	75	1		1		1		1		1	
1/4		1/4		1/4	4,876	1/4	3,670	1/4	2,463	1/4	1,257	1/4	50	1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,851	1/2	3,645	1/2	2,438	1/2	1,232	1/2	25	1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,826	3/4	3,620	3/4	2,413	3/4	1,207	3/4	0	3/4		3/4		3/4		3/4		3/4	
2		2		2	4,801	2	3,595	2	2,388	2	1,181	2		2		2		2		2		2	
1/4		1/4		1/4	4,776	1/4	3,569	1/4	2,363	1/4	1,156	1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,751	1/2	3,544	1/2	2,338	1/2	1,131	1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,726	3/4	3,519	3/4	2,313	3/4	1,106	3/4		3/4		3/4		3/4		3/4		3/4	
3		3		3	4,701	3	3,494	3	2,287	3	1,081	3		3		3		3		3		3	
1/4		1/4		1/4	4,675	1/4	3,469	1/4	2,262	1/4	1,056	1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,650	1/2	3,444	1/2	2,237	1/2	1,031	1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,625	3/4	3,419	3/4	2,212	3/4	1,005	3/4		3/4		3/4		3/4		3/4		3/4	
4		4		4	4,600	4	3,393	4	2,187	4	980	4		4		4		4		4		4	
1/4		1/4		1/4	4,575	1/4	3,368	1/4	2,162	1/4	955	1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,550	1/2	3,343	1/2	2,137	1/2	930	1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,525	3/4	3,318	3/4	2,111	3/4	905	3/4		3/4		3/4		3/4		3/4		3/4	
5		5		5	4,499	5	3,293	5	2,086	5	880	5		5		5		5		5		5	
1/4		1/4		1/4	4,474	1/4	3,268	1/4	2,061	1/4	855	1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,449	1/2	3,243	1/2	2,036	1/2	830	1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,424	3/4	3,217	3/4	2,011	3/4	804	3/4		3/4		3/4		3/4		3/4		3/4	
6		6		6	4,399	6	3,192	6	1,986	6	779	6		6		6		6		6		6	
1/4		1/4		1/4	4,374	1/4	3,167	1/4	1,961	1/4	754	1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,349	1/2	3,142	1/2	1,936	1/2	729	1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,323	3/4	3,117	3/4	1,910	3/4	704	3/4		3/4		3/4		3/4		3/4		3/4	
7		7		7	4,298	7	3,092	7	1,885	7	679	7		7		7		7		7		7	
1/4		1/4	5,480	1/4	4,273	1/4	3,067	1/4	1,860	1/4	654	1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2	5,455	1/2	4,248	1/2	3,042	1/2	1,835	1/2	628	1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4	5,429	3/4	4,223	3/4	3,016	3/4	1,810	3/4	603	3/4		3/4		3/4		3/4		3/4		3/4	
8		8	5,404	8	4,198	8	2,991	8	1,785	8	578	8		8		8		8		8		8	
1/4		1/4	5,379	1/4	4,173	1/4	2,966	1/4	1,760	1/4	553	1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2	5,354	1/2	4,148	1/2	2,941	1/2	1,734	1/2	528	1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4	5,329	3/4	4,122	3/4	2,916	3/4	1,709	3/4	503	3/4		3/4		3/4		3/4		3/4		3/4	
9		9	5,304	9	4,097	9	2,891	9	1,684	9	478	9		9		9		9		9		9	
1/4		1/4	5,279	1/4	4,072	1/4	2,866	1/4	1,659	1/4	452	1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2	5,254	1/2	4,047	1/2	2,840	1/2	1,634	1/2	427	1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4	5,228	3/4	4,022	3/4	2,815	3/4	1,609	3/4	402	3/4		3/4		3/4		3/4		3/4		3/4	
10		10	5,203	10	3,997	10	2,790	10	1,584	10	377	10		10		10		10		10		10	
1/4		1/4	5,178	1/4	3,972	1/4	2,765	1/4	1,558	1/4	352	1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2	5,153	1/2	3,946	1/2	2,740	1/2	1,533	1/2	327	1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4	5,128	3/4	3,921	3/4	2,715	3/4	1,508	3/4	302	3/4		3/4		3/4		3/4		3/4		3/4	
11		11	5,103	11	3,896	11	2,690	11	1,483	11	277	11		11		11		11		11		11	
1/4		1/4	5,078	1/4	3,871	1/4	2,664	1/4	1,458	1/4	251	1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2	5,052	1/2	3,846	1/2	2,639	1/2	1,433	1/2	226	1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4	5,027	3/4	3,821	3/4	2,614	3/4	1,408	3/4	201	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: 02/02/2017 BY: JM
DATE COMPUTED: 02/07/2017 BY: CL
DATE ISSUED: 02/07/2017

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BARGE: HFL 3015

JEFFBOAT 16-2309

STBD SLOP

ULLAGE TABLE

8" HATCH

CAPACITIES GIVEN IN GALLONS

REFERENCE GAUGE HEIGHT: 6'-02 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.
0		0		0	4,840	0	3,690	0	2,540	0	1,390	0	240	0		0		0		0		0	
1/4		1/4		1/4	4,816	1/4	3,666	1/4	2,516	1/4	1,366	1/4	216	1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,792	1/2	3,642	1/2	2,492	1/2	1,342	1/2	192	1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,768	3/4	3,618	3/4	2,468	3/4	1,318	3/4	168	3/4		3/4		3/4		3/4		3/4	
1		1		1	4,744	1	3,594	1	2,444	1	1,294	1	144	1		1		1		1		1	
1/4		1/4		1/4	4,720	1/4	3,570	1/4	2,420	1/4	1,270	1/4	120	1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,696	1/2	3,546	1/2	2,396	1/2	1,246	1/2	96	1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,672	3/4	3,522	3/4	2,372	3/4	1,222	3/4	72	3/4		3/4		3/4		3/4		3/4	
2		2		2	4,648	2	3,498	2	2,348	2	1,198	2	48	2		2		2		2		2	
1/4		1/4		1/4	4,624	1/4	3,474	1/4	2,324	1/4	1,174	1/4	24	1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,600	1/2	3,450	1/2	2,300	1/2	1,150	1/2	0	1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,576	3/4	3,426	3/4	2,276	3/4	1,126	1/2		3/4		3/4		3/4		3/4		3/4	
3		3		3	4,552	3	3,402	3	2,252	3	1,102	3		3		3		3		3		3	
1/4		1/4		1/4	4,528	1/4	3,378	1/4	2,228	1/4	1,078	1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,505	1/2	3,354	1/2	2,204	1/2	1,054	1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,481	3/4	3,330	3/4	2,180	3/4	1,030	3/4		3/4		3/4		3/4		3/4		3/4	
4		4		4	4,457	4	3,307	4	2,156	4	1,006	4		4		4		4		4		4	
1/4		1/4		1/4	4,433	1/4	3,283	1/4	2,132	1/4	982	1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,409	1/2	3,259	1/2	2,108	1/2	958	1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,385	3/4	3,235	3/4	2,085	3/4	934	3/4		3/4		3/4		3/4		3/4		3/4	
5		5		5	4,361	5	3,211	5	2,061	5	910	5		5		5		5		5		5	
1/4		1/4		1/4	4,337	1/4	3,187	1/4	2,037	1/4	887	1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,313	1/2	3,163	1/2	2,013	1/2	863	1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,289	3/4	3,139	3/4	1,989	3/4	839	3/4		3/4		3/4		3/4		3/4		3/4	
6		6		6	4,265	6	3,115	6	1,965	6	815	6		6		6		6		6		6	
1/4		1/4		1/4	4,241	1/4	3,091	1/4	1,941	1/4	791	1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,217	1/2	3,067	1/2	1,917	1/2	767	1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,193	3/4	3,043	3/4	1,893	3/4	743	3/4		3/4		3/4		3/4		3/4		3/4	
7		7		7	4,169	7	3,019	7	1,869	7	719	7		7		7		7		7		7	
1/4		1/4		1/4	4,145	1/4	2,995	1/4	1,845	1/4	695	1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,121	1/2	2,971	1/2	1,821	1/2	671	1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4	5,247	3/4	4,097	3/4	2,947	3/4	1,797	3/4	647	3/4		3/4		3/4		3/4		3/4		3/4	
8		8	5,223	8	4,073	8	2,923	8	1,773	8	623	8		8		8		8		8		8	
1/4		1/4	5,199	1/4	4,049	1/4	2,899	1/4	1,749	1/4	599	1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2	5,175	1/2	4,025	1/2	2,875	1/2	1,725	1/2	575	1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4	5,151	3/4	4,001	3/4	2,851	3/4	1,701	3/4	551	3/4		3/4		3/4		3/4		3/4		3/4	
9		9	5,127	9	3,977	9	2,827	9	1,677	9	527	9		9		9		9		9		9	
1/4		1/4	5,104	1/4	3,953	1/4	2,803	1/4	1,653	1/4	503	1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2	5,080	1/2	3,929	1/2	2,779	1/2	1,629	1/2	479	1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4	5,056	3/4	3,906	3/4	2,755	3/4	1,605	3/4	455	3/4		3/4		3/4		3/4		3/4		3/4	
10		10	5,032	10	3,882	10	2,731	10	1,581	10	431	10		10		10		10		10		10	
1/4		1/4	5,008	1/4	3,858	1/4	2,708	1/4	1,557	1/4	407	1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2	4,984	1/2	3,834	1/2	2,684	1/2	1,533	1/2	383	1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4	4,960	3/4	3,810	3/4	2,660	3/4	1,509	3/4	359	3/4		3/4		3/4		3/4		3/4		3/4	
11		11	4,936	11	3,786	11	2,636	11	1,486	11	335	11		11		11		11		11		11	
1/4		1/4	4,912	1/4	3,762	1/4	2,612	1/4	1,462	1/4	311	1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2	4,888	1/2	3,738	1/2	2,588	1/2	1,438	1/2	288	1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4	4,864	3/4	3,714	3/4	2,564	3/4	1,414	3/4	264	3/4		3/4		3/4		3/4		3/4		3/4	

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