



# BARGE: HFL 3014

## ULLAGE TRIM TABLE MMC

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4
1 STBD	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4
2 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8
2 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8
3 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	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 - 00-1/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 235'-06"

February 23, 2017



# BARGE: HFL 3014

JEFFBOAT 16-2308

# 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"

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	197,492	0	183,083	0	168,673	0	154,264	0	139,855	0	125,445	0	111,036	0	96,627	0	82,217	0	67,808	0	53,403	0	38,997	0	24,587	0	10,714	0	
1/4	1/4	1/4	197,192	1/4	182,783	1/4	168,373	1/4	153,964	1/4	139,555	1/4	125,145	1/4	110,736	1/4	96,326	1/4	81,917	1/4	67,508	1/4	53,103	1/4	38,696	1/4	24,287	1/4	10,450	1/4	
1/2	1/2	1/2	196,892	1/2	182,482	1/2	168,073	1/2	153,664	1/2	139,254	1/2	124,845	1/2	110,436	1/2	96,026	1/2	81,617	1/2	67,208	1/2	52,803	1/2	38,396	1/2	23,987	1/2	10,185	1/2	
3/4	3/4	3/4	196,591	3/4	182,182	3/4	167,773	3/4	153,363	3/4	138,954	3/4	124,545	3/4	110,135	3/4	95,726	3/4	81,317	3/4	66,908	3/4	52,503	3/4	38,096	3/4	23,687	3/4	9,921	3/4	
1		1	196,291	1	181,882	1	167,473	1	153,063	1	138,654	1	124,245	1	109,835	1	95,426	1	81,017	1	66,608	1	52,203	1	37,796	1	23,387	1	9,656	1	
1/4	1/4	1/4	195,991	1/4	181,582	1/4	167,172	1/4	152,763	1/4	138,354	1/4	123,944	1/4	109,535	1/4	95,126	1/4	80,716	1/4	66,307	1/4	51,903	1/4	37,496	1/4	23,086	1/4	9,396	1/4	
1/2	1/2	1/2	195,691	1/2	181,282	1/2	166,872	1/2	152,463	1/2	138,054	1/2	123,644	1/2	109,235	1/2	94,826	1/2	80,416	1/2	66,007	1/2	51,603	1/2	37,196	1/2	22,786	1/2	9,135	1/2	
3/4	3/4	3/4	195,391	3/4	180,981	3/4	166,572	3/4	152,163	3/4	137,753	3/4	123,344	3/4	108,935	3/4	94,525	3/4	80,116	3/4	65,707	3/4	51,303	3/4	36,895	3/4	22,486	3/4	8,875	3/4	
2		2	195,091	2	180,681	2	166,272	2	151,862	2	137,453	2	123,044	2	108,634	2	94,225	2	79,816	2	65,407	2	51,003	2	36,595	2	22,186	2	8,614	2	
1/4	1/4	1/4	194,790	1/4	180,381	1/4	165,972	1/4	151,562	1/4	137,153	1/4	122,744	1/4	108,334	1/4	93,925	1/4	79,516	1/4	65,107	1/4	50,703	1/4	36,295	1/4	21,886	1/4	8,358	1/4	
1/2	1/2	1/2	194,490	1/2	180,081	1/2	165,671	1/2	151,262	1/2	136,853	1/2	122,443	1/2	108,034	1/2	93,625	1/2	79,215	1/2	64,806	1/2	50,403	1/2	35,995	1/2	21,585	1/2	8,102	1/2	
3/4	3/4	3/4	194,190	3/4	179,781	3/4	165,371	3/4	150,962	3/4	136,553	3/4	122,143	3/4	107,734	3/4	93,325	3/4	78,915	3/4	64,506	3/4	50,103	3/4	35,695	3/4	21,285	3/4	7,846	3/4	
3		3	193,890	3	179,480	3	165,071	3	150,662	3	136,252	3	121,843	3	107,434	3	93,024	3	78,615	3	64,206	3	49,803	3	35,394	3	20,985	3	7,590	3	
1/4	1/4	1/4	193,590	1/4	179,180	1/4	164,771	1/4	150,362	1/4	135,952	1/4	121,543	1/4	107,133	1/4	92,724	1/4	78,315	1/4	63,906	1/4	49,503	1/4	35,094	1/4	20,685	1/4	7,338	1/4	
1/2	1/2	1/2	193,289	1/2	178,880	1/2	164,471	1/2	150,061	1/2	135,652	1/2	121,243	1/2	106,833	1/2	92,424	1/2	78,015	1/2	63,606	1/2	49,203	1/2	34,794	1/2	20,385	1/2	7,086	1/2	
3/4	3/4	3/4	192,989	3/4	178,580	3/4	164,170	3/4	149,761	3/4	135,352	3/4	120,942	3/4	106,533	3/4	92,124	3/4	77,714	3/4	63,305	3/4	48,903	3/4	34,494	3/4	20,084	3/4	6,834	3/4	
4		4	192,689	4	178,280	4	163,870	4	149,461	4	135,052	4	120,642	4	106,233	4	91,824	4	77,414	4	63,005	4	48,603	4	34,194	4	19,784	4	6,582	4	
1/4	1/4	1/4	192,389	1/4	177,979	1/4	163,570	1/4	149,161	1/4	134,751	1/4	120,342	1/4	105,933	1/4	91,523	1/4	77,114	1/4	62,705	1/4	48,303	1/4	33,893	1/4	19,486	1/4	6,334	1/4	
1/2	1/2	1/2	192,089	1/2	177,679	1/2	163,270	1/2	148,861	1/2	134,451	1/2	120,042	1/2	105,633	1/2	91,223	1/2	76,814	1/2	62,405	1/2	48,003	1/2	33,593	1/2	19,188	1/2	6,086	1/2	
3/4	3/4	3/4	191,788	3/4	177,379	3/4	162,970	3/4	148,560	3/4	134,151	3/4	119,742	3/4	105,332	3/4	90,923	3/4	76,514	3/4	62,105	3/4	47,702	3/4	33,293	3/4	18,890	3/4	5,839	3/4	
5		5	191,488	5	177,079	5	162,669	5	148,260	5	133,851	5	119,441	5	105,032	5	90,623	5	76,213	5	61,805	5	47,402	5	32,993	5	18,592	5	5,591	5	
1/4	1/4	1/4	191,188	1/4	176,779	1/4	162,369	1/4	147,960	1/4	133,551	1/4	119,141	1/4	104,732	1/4	90,323	1/4	75,913	1/4	61,504	1/4	47,102	1/4	32,693	1/4	18,298	1/4	5,348	1/4	
1/2	1/2	1/2	190,888	1/2	176,478	1/2	162,069	1/2	147,660	1/2	133,250	1/2	118,841	1/2	104,432	1/2	90,022	1/2	75,613	1/2	61,204	1/2	46,802	1/2	32,392	1/2	18,004	1/2	5,105	1/2	
3/4	3/4	3/4	190,588	3/4	176,178	3/4	161,769	3/4	147,360	3/4	132,950	3/4	118,541	3/4	104,132	3/4	89,722	3/4	75,313	3/4	60,904	3/4	46,502	3/4	32,092	3/4	17,710	3/4	4,862	3/4	
6		6	190,287	6	175,878	6	161,469	6	147,059	6	132,650	6	118,241	6	103,831	6	89,422	6	75,013	6	60,604	6	46,201	6	31,792	6	17,416	6	4,619	6	
1/4	1/4	1/4	189,987	1/4	175,578	1/4	161,169	1/4	146,759	1/4	132,350	1/4	117,940	1/4	103,531	1/4	89,122	1/4	74,713	1/4	60,304	1/4	45,901	1/4	31,492	1/4	17,126	1/4	4,380	1/4	
1/2	1/2	1/2	189,687	1/2	175,278	1/2	160,868	1/2	146,459	1/2	132,050	1/2	117,640	1/2	103,231	1/2	88,822	1/2	74,412	1/2	60,004	1/2	45,601	1/2	31,192	1/2	16,837	1/2	4,142	1/2	
3/4	3/4	3/4	189,387	3/4	174,977	3/4	160,568	3/4	146,159	3/4	131,749	3/4	117,340	3/4	102,931	3/4	88,521	3/4	74,112	3/4	59,703	3/4	45,301	3/4	30,891	3/4	16,547	3/4	3,904	3/4	
7		7	202,588	7	174,677	7	160,268	7	145,859	7	131,449	7	117,040	7	102,631	7	88,221	7	73,812	7	59,403	7	45,001	7	30,591	7	16,257	7	3,666	7	
1/4	1/4	1/4	202,412	1/4	188,786	1/4	174,377	1/4	159,968	1/4	145,558	1/4	116,740	1/4	102,330	1/4	87,921	1/4	73,512	1/4	59,103	1/4	44,700	1/4	30,291	1/4	15,972	1/4	3,432	1/4	
1/2	1/2	1/2	202,237	1/2	188,486	1/2	174,077	1/2	159,668	1/2	145,258	1/2	116,440	1/2	102,030	1/2	87,621	1/2	73,212	1/2	58,803	1/2	44,400	1/2	29,991	1/2	15,686	1/2	3,199	1/2	
3/4	3/4	3/4	202,062	3/4	188,186	3/4	173,777	3/4	159,367	3/4	144,958	3/4	116,139	3/4	101,730	3/4	87,321	3/4	72,911	3/4	58,503	3/4	44,100	3/4	29,691	3/4	15,401	3/4	2,966	3/4	
8		8	201,887	8	187,886	8	173,476	8	159,067	8	144,658	8	115,839	8	101,430	8	87,020	8	72,611	8	58,203	8	43,800	8	29,390	8	15,115	8	2,733	8	
1/4	1/4	1/4	201,662	1/4	187,586	1/4	173,176	1/4	158,767	1/4	144,358	1/4	115,539	1/4	101,130	1/4	86,720	1/4	72,311	1/4	57,903	1/4	43,500	1/4	29,090	1/4	14,834	1/4	2,506	1/4	
1/2	1/2	1/2	201,437	1/2	187,285	1/2	172,876	1/2	158,467	1/2	144,057	1/2	115,239	1/2	100,829	1/2	86,420	1/2	72,011	1/2	57,603	1/2	43,199	1/2	28,790	1/2	14,553	1/2	2,278	1/2	
3/4	3/4	3/4	201,212	3/4	186,985	3/4	172,576	3/4	158,167	3/4	143,757	3/4	114,939	3/4	100,529	3/4	86,120	3/4	71,711	3/4	57,303	3/4	42,899	3/4	28,490	3/4	14,271	3/4	2,051	3/4	
9		9	200,987	9	186,685	9	172,276	9	157,866	9	143,457	9	114,638	9	100,229	9	85,820	9	71,410	9	57,003	9	42,599	9	28,190	9	13,990	9	1,824	9	
1/4	1/4	1/4	200,711	1/4	186,385	1/4	171,976	1/4	157,566	1/4	143,157	1/4	114,338	1/4	99,929	1/4	85,519	1/4	71,110	1/4	56,703	1/4	42,299	1/4	27,899	1/4	13,713	1/4	1,635	1/4	
1/2	1/2	1/2	200,436	1/2	186,085	1/2	171,675	1/2	157,266	1/2	142,857	1/2	114,038	1/2	99,629	1/2	85,219	1/2	70,810	1/2	56,403	1/2	41,999	1/2	27,599	1/2	13,436	1/2	1,446	1/2	
3/4	3/4	3/4	200,161	3/4	185,784	3/4	171,375	3/4	156,966	3/4	142,556	3/4	113,738	3/4	99,328	3/4	84,919	3/4	70,510	3/4	56,103	3/4	41,698	3/4	27,299	3/4	13,158	3/4	1,256	3/4	
10		10	199,886	10	185,484	10	171,07																								

CAPACITIES GIVEN IN WHOLE GALLONS

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

REFERENCE GAUGE HEIGHT: 16'-00"

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	198,679	0	184,272	0	169,862	0	155,453	0	141,044	0	126,634	0	112,225	0	97,816	0	83,406	0	68,997	0	54,594	0	40,197	0	25,788	0	11,789	0	627
1/4	1/4	1/4	198,380	1/4	183,972	1/4	169,562	1/4	155,153	1/4	140,744	1/4	126,334	1/4	111,925	1/4	97,516	1/4	83,106	1/4	68,697	1/4	54,294	1/4	39,897	1/4	25,488	1/4	11,521	1/4	
1/2	1/2	1/2	198,080	1/2	183,671	1/2	169,262	1/2	154,853	1/2	140,444	1/2	126,034	1/2	111,625	1/2	97,215	1/2	82,806	1/2	68,397	1/2	53,994	1/2	39,597	1/2	25,188	1/2	11,252	1/2	
3/4	3/4	3/4	197,780	3/4	183,371	3/4	168,962	3/4	154,553	3/4	140,144	3/4	125,734	3/4	111,324	3/4	96,915	3/4	82,506	3/4	68,097	3/4	53,695	3/4	39,297	3/4	24,888	3/4	10,983	3/4	
1	1	1	197,480	1	183,071	1	168,662	1	154,252	1	139,843	1	125,434	1	111,024	1	96,615	1	82,206	1	67,797	1	53,395	1	38,997	1	24,587	1	10,714	1	
1/4	1/4	1/4	197,180	1/4	182,771	1/4	168,361	1/4	153,952	1/4	139,543	1/4	125,133	1/4	110,724	1/4	96,315	1/4	81,905	1/4	67,496	1/4	53,095	1/4	38,696	1/4	24,287	1/4	10,450	1/4	
1/2	1/2	1/2	196,880	1/2	182,471	1/2	168,061	1/2	153,652	1/2	139,243	1/2	124,833	1/2	110,424	1/2	96,015	1/2	81,605	1/2	67,196	1/2	52,795	1/2	38,396	1/2	23,987	1/2	10,185	1/2	
3/4	3/4	3/4	196,580	3/4	182,170	3/4	167,761	3/4	153,352	3/4	138,944	3/4	124,533	3/4	110,124	3/4	95,714	3/4	81,305	3/4	66,896	3/4	52,496	3/4	38,096	3/4	23,687	3/4	9,921	3/4	
2	2	2	196,280	2	181,870	2	167,461	2	153,052	2	138,642	2	124,233	2	109,824	2	95,414	2	81,005	2	66,596	2	52,196	2	37,796	2	23,387	2	9,656	2	
1/4	1/4	1/4	195,979	1/4	181,570	1/4	167,161	1/4	152,751	1/4	138,342	1/4	123,933	1/4	109,523	1/4	95,114	1/4	80,705	1/4	66,296	1/4	51,896	1/4	37,496	1/4	23,086	1/4	9,396	1/4	
1/2	1/2	1/2	195,679	1/2	181,270	1/2	166,860	1/2	152,451	1/2	138,042	1/2	123,632	1/2	109,223	1/2	94,814	1/2	80,404	1/2	65,995	1/2	51,596	1/2	37,196	1/2	22,786	1/2	9,135	1/2	
3/4	3/4	3/4	195,379	3/4	180,970	3/4	166,560	3/4	152,151	3/4	137,742	3/4	123,332	3/4	108,923	3/4	94,514	3/4	80,104	3/4	65,695	3/4	51,297	3/4	36,895	3/4	22,486	3/4	8,875	3/4	
3	3	3	195,079	3	180,669	3	166,260	3	151,851	3	137,441	3	123,032	3	108,623	3	94,213	3	79,804	3	65,395	3	50,997	3	36,595	3	22,186	3	8,614	3	
1/4	1/4	1/4	194,779	1/4	180,369	1/4	165,960	1/4	151,551	1/4	137,141	1/4	122,732	1/4	108,323	1/4	93,913	1/4	79,504	1/4	65,095	1/4	50,697	1/4	36,295	1/4	21,886	1/4	8,358	1/4	
1/2	1/2	1/2	194,478	1/2	180,069	1/2	165,660	1/2	151,250	1/2	136,841	1/2	122,432	1/2	108,022	1/2	93,613	1/2	79,204	1/2	64,795	1/2	50,398	1/2	35,995	1/2	21,585	1/2	8,102	1/2	
3/4	3/4	3/4	194,178	3/4	179,769	3/4	165,360	3/4	150,950	3/4	136,541	3/4	122,131	3/4	107,722	3/4	93,313	3/4	78,903	3/4	64,494	3/4	50,098	3/4	35,695	3/4	21,285	3/4	7,846	3/4	
4	4	4	193,878	4	179,469	4	165,059	4	150,650	4	136,241	4	121,831	4	107,422	4	93,013	4	78,603	4	64,194	4	49,798	4	35,394	4	20,985	4	7,590	4	
1/4	1/4	1/4	193,578	1/4	179,168	1/4	164,759	1/4	150,350	1/4	135,940	1/4	121,531	1/4	107,122	1/4	92,712	1/4	78,303	1/4	63,894	1/4	49,498	1/4	35,094	1/4	20,685	1/4	7,338	1/4	
1/2	1/2	1/2	193,278	1/2	178,868	1/2	164,459	1/2	150,050	1/2	135,640	1/2	121,231	1/2	106,822	1/2	92,412	1/2	78,003	1/2	63,594	1/2	49,199	1/2	34,794	1/2	20,385	1/2	7,086	1/2	
3/4	3/4	3/4	192,977	3/4	178,568	3/4	164,159	3/4	149,749	3/4	135,340	3/4	120,931	3/4	106,521	3/4	92,112	3/4	77,703	3/4	63,294	3/4	48,899	3/4	34,494	3/4	20,084	3/4	6,834	3/4	
5	5	5	192,677	5	178,268	5	163,859	5	149,449	5	135,040	5	120,631	5	106,221	5	91,812	5	77,402	5	62,994	5	48,599	5	34,194	5	19,784	5	6,582	5	
1/4	1/4	1/4	192,377	1/4	177,968	1/4	163,558	1/4	149,149	1/4	134,740	1/4	120,330	1/4	105,921	1/4	91,512	1/4	77,102	1/4	62,693	1/4	48,299	1/4	33,893	1/4	19,486	1/4	6,334	1/4	
1/2	1/2	1/2	192,077	1/2	177,667	1/2	163,258	1/2	148,849	1/2	134,439	1/2	120,030	1/2	105,621	1/2	91,211	1/2	76,802	1/2	62,393	1/2	48,000	1/2	33,593	1/2	19,188	1/2	6,086	1/2	
3/4	3/4	3/4	191,777	3/4	177,367	3/4	162,958	3/4	148,549	3/4	134,139	3/4	119,730	3/4	105,321	3/4	90,911	3/4	76,502	3/4	62,093	3/4	47,700	3/4	33,293	3/4	18,890	3/4	5,839	3/4	
6	6	6	191,476	6	177,067	6	162,658	6	148,248	6	133,839	6	119,430	6	105,020	6	90,611	6	76,202	6	61,793	6	47,400	6	32,993	6	18,592	6	5,591	6	
1/4	1/4	1/4	191,176	1/4	176,767	1/4	162,358	1/4	147,948	1/4	133,539	1/4	119,130	1/4	104,720	1/4	90,311	1/4	75,902	1/4	61,493	1/4	47,101	1/4	32,693	1/4	18,298	1/4	5,348	1/4	
1/2	1/2	1/2	190,876	1/2	176,467	1/2	162,057	1/2	147,648	1/2	133,239	1/2	118,829	1/2	104,420	1/2	90,011	1/2	75,601	1/2	61,192	1/2	46,801	1/2	32,392	1/2	18,004	1/2	5,105	1/2	
3/4	3/4	3/4	190,576	3/4	176,167	3/4	161,757	3/4	147,348	3/4	132,938	3/4	118,529	3/4	104,120	3/4	89,710	3/4	75,301	3/4	60,892	3/4	46,501	3/4	32,092	3/4	17,710	3/4	4,862	3/4	
7	7	7	190,276	7	175,866	7	161,457	7	147,048	7	132,638	7	118,229	7	103,820	7	89,410	7	75,001	7	60,592	7	46,201	7	31,792	7	17,416	7	4,619	7	
1/4	1/4	1/4	189,975	1/4	175,566	1/4	161,157	1/4	146,747	1/4	132,338	1/4	117,929	1/4	103,519	1/4	89,110	1/4	74,701	1/4	60,292	1/4	45,901	1/4	31,492	1/4	17,126	1/4	4,380	1/4	
1/2	1/2	1/2	189,675	1/2	175,266	1/2	160,857	1/2	146,447	1/2	132,038	1/2	117,629	1/2	103,219	1/2	88,810	1/2	74,401	1/2	59,992	1/2	45,601	1/2	31,192	1/2	16,837	1/2	4,142	1/2	
3/4	3/4	3/4	189,375	3/4	174,966	3/4	160,556	3/4	146,147	3/4	131,738	3/4	117,328	3/4	102,919	3/4	88,510	3/4	74,100	3/4	59,692	3/4	45,301	3/4	30,891	3/4	16,547	3/4	3,904	3/4	
8	202,576	8	189,075	8	174,666	8	160,256	8	145,847	8	131,438	8	117,028	8	102,619	8	88,209	8	73,800	8	59,392	8	45,001	8	30,591	8	16,257	8	3,666	8	
1/4	202,401	1/4	188,775	1/4	174,365	1/4	159,956	1/4	145,547	1/4	131,137	1/4	116,728	1/4	102,319	1/4	87,909	1/4	73,500	1/4	59,092	1/4	44,700	1/4	30,291	1/4	15,972	1/4	3,432	1/4	
1/2	202,226	1/2	188,474	1/2	174,065	1/2	159,656	1/2	145,246	1/2	130,837	1/2	116,428	1/2	102,018	1/2	87,609	1/2	73,200	1/2	58,792	1/2	44,400	1/2	29,991	1/2	15,686	1/2	3,199	1/2	
3/4	202,050	3/4	188,174	3/4	173,765	3/4	159,356	3/4	144,946	3/4	130,537	3/4	116,128	3/4	101,718	3/4	87,309	3/4	72,900	3/4	58,492	3/4	44,100	3/4	29,691	3/4	15,401	3/4	2,966	3/4	
9	201,875	9	187,874	9	173,465	9	159,055	9	144,646	9	130,237	9	115,827	9	101,418	9	87,009	9	72,599	9	58,192	9	43,800	9	29,390	9	15,115	9	2,733	9	
1/4	201,650	1/4	187,574	1/4	173,165	1/4	158,755	1/4	144,346	1/4	129,937	1/4	115,527	1/4	101,118	1/4	86,709	1/4	72,299	1/4	57,892	1/4	43,500	1/4	29,090	1/4	14,834	1/4	2,506	1/4	
1/2	201,425	1/2	187,274	1/2	172,864	1/2	158,455	1/2	144,046	1/2	129,636	1/2	115,227	1/2	100,818	1/2	86,408	1/2	71,999	1/2	57,592	1/2	43,199	1/2	28,790	1/2	14,553	1/2	2,278	1/2	
3/4	201,200	3/4	186,974	3/4</																											

**BARGE: HFL 3014**

JEFFBOAT 16-2308

**2 PORT  
ULLAGE TABLE**

MMC

CAPACITIES GIVEN IN WHOLE GALLONS

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

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

IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.
0		0	214,175	0	198,819	0	183,463	0	168,106	0	152,750	0	137,393	0	122,037	0	106,681	0	91,324	0	75,968	0	60,612	0	45,257	0	29,905	0	14,549	0	
1/4	1/4	1/4	213,855	1/4	198,499	1/4	183,143	1/4	167,786	1/4	152,430	1/4	137,073	1/4	121,717	1/4	106,361	1/4	91,004	1/4	75,648	1/4	60,292	1/4	44,937	1/4	29,585	1/4	14,229	1/4	
1/2	1/2	1/2	213,535	1/2	198,179	1/2	182,823	1/2	167,466	1/2	152,110	1/2	136,754	1/2	121,397	1/2	106,041	1/2	90,684	1/2	75,328	1/2	59,972	1/2	44,618	1/2	29,266	1/2	13,909	1/2	
3/4	3/4	3/4	213,216	3/4	197,859	3/4	182,503	3/4	167,146	3/4	151,790	3/4	136,434	3/4	121,077	3/4	105,721	3/4	90,364	3/4	75,008	3/4	59,652	3/4	44,298	3/4	28,946	3/4	13,589	3/4	
1	1	1	212,896	1	197,539	1	182,183	1	166,827	1	151,470	1	136,114	1	120,757	1	105,401	1	90,044	1	74,688	1	59,332	1	43,978	1	28,626	1	13,269	1	
1/4	1/4	1/4	212,576	1/4	197,219	1/4	181,863	1/4	166,507	1/4	151,150	1/4	135,794	1/4	120,437	1/4	105,081	1/4	89,725	1/4	74,368	1/4	59,012	1/4	43,658	1/4	28,306	1/4	12,949	1/4	
1/2	1/2	1/2	212,256	1/2	196,899	1/2	181,543	1/2	166,187	1/2	150,830	1/2	135,474	1/2	120,117	1/2	104,761	1/2	89,405	1/2	74,048	1/2	58,692	1/2	43,339	1/2	27,986	1/2	12,629	1/2	
3/4	3/4	3/4	211,936	3/4	196,580	3/4	181,223	3/4	165,867	3/4	150,510	3/4	135,154	3/4	119,798	3/4	104,441	3/4	89,085	3/4	73,728	3/4	58,372	3/4	43,019	3/4	27,666	3/4	12,310	3/4	
2	2	2	211,616	2	196,260	2	180,903	2	165,547	2	150,190	2	134,834	2	119,478	2	104,121	2	88,765	2	73,408	2	58,052	2	42,699	2	27,346	2	11,990	2	
1/4	1/4	1/4	211,296	1/4	195,940	1/4	180,583	1/4	165,227	1/4	149,870	1/4	134,514	1/4	119,158	1/4	103,801	1/4	88,445	1/4	73,088	1/4	57,732	1/4	42,379	1/4	27,026	1/4	11,670	1/4	
1/2	1/2	1/2	210,976	1/2	195,620	1/2	180,263	1/2	164,907	1/2	149,551	1/2	134,194	1/2	118,838	1/2	103,481	1/2	88,125	1/2	72,769	1/2	57,412	1/2	42,060	1/2	26,706	1/2	11,350	1/2	
3/4	3/4	3/4	210,656	3/4	195,300	3/4	179,943	3/4	164,587	3/4	149,231	3/4	133,874	3/4	118,518	3/4	103,161	3/4	87,805	3/4	72,449	3/4	57,092	3/4	41,740	3/4	26,386	3/4	11,030	3/4	
3	3	3	210,336	3	194,980	3	179,624	3	164,267	3	148,911	3	133,554	3	118,198	3	102,841	3	87,485	3	72,129	3	56,773	3	41,420	3	26,066	3	10,710	3	
1/4	1/4	1/4	210,016	1/4	194,660	1/4	179,304	1/4	163,947	1/4	148,591	1/4	133,234	1/4	117,878	1/4	102,522	1/4	87,165	1/4	71,809	1/4	56,453	1/4	41,100	1/4	25,746	1/4	10,390	1/4	
1/2	1/2	1/2	209,696	1/2	194,340	1/2	178,984	1/2	163,627	1/2	148,271	1/2	132,914	1/2	117,558	1/2	102,202	1/2	86,845	1/2	71,489	1/2	56,133	1/2	40,781	1/2	25,426	1/2	10,070	1/2	
3/4	3/4	3/4	209,377	3/4	194,020	3/4	178,664	3/4	163,307	3/4	147,951	3/4	132,595	3/4	117,238	3/4	101,882	3/4	86,525	3/4	71,169	3/4	55,813	3/4	40,461	3/4	25,107	3/4	9,750	3/4	
4	4	4	209,057	4	193,700	4	178,344	4	162,987	4	147,631	4	132,275	4	116,918	4	101,562	4	86,205	4	70,849	4	55,493	4	40,141	4	24,787	4	9,430	4	
1/4	1/4	1/4	208,737	1/4	193,380	1/4	178,024	1/4	162,667	1/4	147,311	1/4	131,955	1/4	116,598	1/4	101,242	1/4	85,885	1/4	70,529	1/4	55,173	1/4	39,821	1/4	24,467	1/4	9,110	1/4	
1/2	1/2	1/2	208,417	1/2	193,060	1/2	177,704	1/2	162,348	1/2	146,991	1/2	131,635	1/2	116,278	1/2	100,922	1/2	85,566	1/2	70,209	1/2	54,853	1/2	39,502	1/2	24,147	1/2	8,791	1/2	
3/4	3/4	3/4	208,097	3/4	192,740	3/4	177,384	3/4	162,028	3/4	146,671	3/4	131,315	3/4	115,958	3/4	100,602	3/4	85,246	3/4	69,889	3/4	54,533	3/4	39,182	3/4	23,827	3/4	8,471	3/4	
5	5	5	207,777	5	192,421	5	177,064	5	161,708	5	146,351	5	130,995	5	115,638	5	100,282	5	84,926	5	69,569	5	54,213	5	38,862	5	23,507	5	8,151	5	
1/4	1/4	1/4	207,457	1/4	192,101	1/4	176,744	1/4	161,388	1/4	146,031	1/4	130,675	1/4	115,319	1/4	99,962	1/4	84,606	1/4	69,249	1/4	53,893	1/4	38,543	1/4	23,187	1/4	7,831	1/4	
1/2	1/2	1/2	207,137	1/2	191,781	1/2	176,424	1/2	161,068	1/2	145,711	1/2	130,355	1/2	114,999	1/2	99,642	1/2	84,286	1/2	68,929	1/2	53,573	1/2	38,223	1/2	22,867	1/2	7,512	1/2	
3/4	3/4	3/4	206,817	3/4	191,461	3/4	176,104	3/4	160,748	3/4	145,392	3/4	130,035	3/4	114,679	3/4	99,322	3/4	83,966	3/4	68,609	3/4	53,253	3/4	37,903	3/4	22,547	3/4	7,193	3/4	
6	6	6	206,497	6	191,141	6	175,784	6	160,428	6	145,072	6	129,715	6	114,359	6	99,002	6	83,646	6	68,290	6	52,934	6	37,583	6	22,227	6	6,873	6	
1/4	1/4	1/4	206,177	1/4	190,821	1/4	175,465	1/4	160,108	1/4	144,752	1/4	129,395	1/4	114,039	1/4	98,682	1/4	83,326	1/4	67,970	1/4	52,614	1/4	37,264	1/4	21,907	1/4	6,554	1/4	
1/2	1/2	1/2	205,857	1/2	190,501	1/2	175,145	1/2	159,788	1/2	144,432	1/2	129,075	1/2	113,719	1/2	98,363	1/2	83,006	1/2	67,650	1/2	52,294	1/2	36,944	1/2	21,587	1/2	6,235	1/2	
3/4	3/4	3/4	205,537	3/4	190,181	3/4	174,825	3/4	159,468	3/4	144,112	3/4	128,755	3/4	113,399	3/4	98,043	3/4	82,686	3/4	67,330	3/4	51,974	3/4	36,624	3/4	21,267	3/4	5,916	3/4	
7	7	7	205,218	7	189,861	7	174,505	7	159,148	7	143,792	7	128,435	7	113,079	7	97,723	7	82,366	7	67,010	7	51,654	7	36,304	7	20,948	7	5,597	7	
3/8	219,126	1/4	204,898	1/4	189,541	1/4	174,185	1/4	158,828	1/4	143,472	1/4	128,116	1/4	112,759	1/4	97,403	1/4	82,046	1/4	66,690	1/4	51,334	1/4	35,984	1/4	20,628	1/4	5,279	1/4	
1/2	219,033	1/2	204,578	1/2	189,221	1/2	173,865	1/2	158,508	1/2	143,152	1/2	127,796	1/2	112,439	1/2	97,083	1/2	81,726	1/2	66,370	1/2	51,014	1/2	35,664	1/2	20,308	1/2	4,961	1/2	
3/4	218,846	3/4	204,258	3/4	188,901	3/4	173,545	3/4	158,189	3/4	142,832	3/4	127,476	3/4	112,119	3/4	96,763	3/4	81,406	3/4	66,050	3/4	50,694	3/4	35,344	3/4	19,988	3/4	4,643	3/4	
8	218,659	8	203,938	8	188,581	8	173,225	8	157,869	8	142,512	8	127,156	8	111,799	8	96,443	8	81,087	8	65,730	8	50,374	8	35,024	8	19,668	8	4,325	8	
1/4	218,473	1/4	203,618	1/4	188,262	1/4	172,905	1/4	157,549	1/4	142,192	1/4	126,836	1/4	111,479	1/4	96,123	1/4	80,767	1/4	65,410	1/4	50,054	1/4	34,704	1/4	19,348	1/4	4,007	1/4	
1/2	218,259	1/2	203,298	1/2	187,942	1/2	172,585	1/2	157,229	1/2	141,872	1/2	126,516	1/2	111,160	1/2	95,803	1/2	80,447	1/2	65,090	1/2	49,734	1/2	34,384	1/2	19,028	1/2	3,691	1/2	
3/4	218,020	3/4	202,978	3/4	187,622	3/4	172,265	3/4	156,909	3/4	141,552	3/4	126,196	3/4	110,840	3/4	95,483	3/4	80,127	3/4	64,770	3/4	49,415	3/4	34,064	3/4	18,708	3/4	3,375	3/4	
9	217,780	9	202,658	9	187,302	9	171,945	9	156,589	9	141,233	9	125,876	9	110,520	9	95,163	9	79,807	9	64,451	9	49,095	9	33,745	9	18,388	9	3,059	9	
1/4	217,540	1/4	202,338	1/4	186,982	1/4	171,625	1/4	156,269	1/4	140,913	1/4	125,556	1/4	110,200	1/4	94,843	1/4	79,487	1/4	64,131	1/4	48,775	1/4	33,425	1/4	18,068	1/4	2,743	1/4	
1/2	217,273	1/2	202,018	1/2	186,662	1/2	171,305	1/2	155,949	1/2	140,593	1/2	125,236	1/2	109,880	1/2	94,523	1/2	79,167	1/2	63,811	1/2	48,455	1/2	33,105	1/2	17,748	1/2	2,445	1/2	
3/4	216,980	3/4	201,698	3/4	186,342	3/4	170,986	3/4	155,629	3/4	140,273	3/4	124,916	3/4	109,560	3/4	94,204	3/4	78,847	3/4	63,491	3/4	48,135	3/4	32,785	3/4	17,428	3/4	2,165	3/4	
10																															



BARGE: HFL 3014

JEFFBOAT 16-2308

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 1/2"

Table with columns for height (0 to 16 FT.) and corresponding capacity values in gallons. Includes fractional increments (1/4, 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: 02/21/2017 BY: JM
DATE COMPUTED: 02/23/2017 BY: CL
DATE ISSUED: 02/23/2017

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.

Signature



**BARGE: HFL 3014**  
**JEFFBOAT 16-2308**

**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"

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	194,452	0	183,822	0	173,191	0	162,560	0	151,930	0	136,962	0	121,600	0	106,238	0	90,877	0	75,515	0	60,153	0	44,791	0	29,433	0	14,074	0	
1/4	1/4	1/4	194,231	1/4	183,600	1/4	172,970	1/4	162,339	1/4	151,708	1/4	136,642	1/4	121,280	1/4	105,918	1/4	90,557	1/4	75,195	1/4	59,833	1/4	44,471	1/4	29,113	1/4	13,754	1/4	
1/2	1/2	1/2	194,009	1/2	183,379	1/2	172,748	1/2	162,118	1/2	151,487	1/2	136,322	1/2	120,960	1/2	105,598	1/2	90,237	1/2	74,875	1/2	59,513	1/2	44,151	1/2	28,793	1/2	13,434	1/2	
3/4	3/4	3/4	193,788	3/4	183,157	3/4	172,527	3/4	161,896	3/4	151,265	3/4	136,002	3/4	120,640	3/4	105,278	3/4	89,916	3/4	74,555	3/4	59,193	3/4	43,831	3/4	28,473	3/4	13,114	3/4	
1		1	193,567	1	182,936	1	172,305	1	161,675	1	151,044	1	135,682	1	120,320	1	104,958	1	89,596	1	74,235	1	58,873	1	43,511	1	28,153	1	12,794	1	
1/4	1/4	1/4	193,345	1/4	182,714	1/4	172,084	1/4	161,453	1/4	150,724	1/4	135,362	1/4	120,000	1/4	104,638	1/4	89,276	1/4	73,915	1/4	58,553	1/4	43,191	1/4	27,833	1/4	12,474	1/4	
1/2	1/2	1/2	193,124	1/2	182,493	1/2	171,862	1/2	161,232	1/2	150,404	1/2	135,042	1/2	119,680	1/2	104,318	1/2	88,956	1/2	73,594	1/2	58,233	1/2	42,871	1/2	27,513	1/2	12,154	1/2	
3/4	3/4	3/4	192,902	3/4	182,271	3/4	171,641	3/4	161,010	3/4	150,084	3/4	134,722	3/4	119,360	3/4	103,998	3/4	88,636	3/4	73,274	3/4	57,913	3/4	42,551	3/4	27,193	3/4	11,834	3/4	
2		2	192,681	2	182,050	2	171,419	2	160,789	2	149,764	2	134,402	2	119,040	2	103,678	2	88,316	2	72,954	2	57,593	2	42,231	2	26,874	2	11,514	2	
1/4	1/4	1/4	192,459	1/4	181,829	1/4	171,198	1/4	160,567	1/4	149,444	1/4	134,082	1/4	118,720	1/4	103,358	1/4	87,996	1/4	72,634	1/4	57,272	1/4	41,911	1/4	26,554	1/4	11,194	1/4	
1/2	1/2	1/2	192,238	1/2	181,607	1/2	170,976	1/2	160,346	1/2	149,124	1/2	133,762	1/2	118,400	1/2	103,038	1/2	87,676	1/2	72,314	1/2	56,952	1/2	41,591	1/2	26,234	1/2	10,874	1/2	
3/4	3/4	3/4	192,016	3/4	181,386	3/4	170,755	3/4	160,124	3/4	148,804	3/4	133,442	3/4	118,080	3/4	102,718	3/4	87,356	3/4	71,994	3/4	56,632	3/4	41,271	3/4	25,914	3/4	10,554	3/4	
3		3	191,795	3	181,164	3	170,533	3	159,903	3	148,484	3	133,122	3	117,760	3	102,398	3	87,036	3	71,674	3	56,312	3	40,951	3	25,594	3	10,234	3	
1/4	1/4	1/4	191,573	1/4	180,943	1/4	170,312	1/4	159,681	1/4	148,164	1/4	132,802	1/4	117,440	1/4	102,078	1/4	86,716	1/4	71,354	1/4	55,992	1/4	40,631	1/4	25,274	1/4	9,914	1/4	
1/2	1/2	1/2	191,352	1/2	180,721	1/2	170,091	1/2	159,460	1/2	147,844	1/2	132,482	1/2	117,120	1/2	101,758	1/2	86,396	1/2	71,034	1/2	55,672	1/2	40,311	1/2	24,954	1/2	9,594	1/2	
3/4	3/4	3/4	191,130	3/4	180,500	3/4	169,869	3/4	159,238	3/4	147,524	3/4	132,162	3/4	116,800	3/4	101,438	3/4	86,076	3/4	70,714	3/4	55,352	3/4	39,991	3/4	24,634	3/4	9,274	3/4	
4		4	190,909	4	180,278	4	169,648	4	159,017	4	147,203	4	131,842	4	116,480	4	101,118	4	85,756	4	70,394	4	55,032	4	39,671	4	24,314	4	8,954	4	
1/4	1/4	1/4	190,687	1/4	180,057	1/4	169,426	1/4	158,795	1/4	146,883	1/4	131,522	1/4	116,160	1/4	100,798	1/4	85,436	1/4	70,074	1/4	54,712	1/4	39,352	1/4	23,994	1/4	8,634	1/4	
1/2	1/2	1/2	190,466	1/2	179,835	1/2	169,205	1/2	158,574	1/2	146,563	1/2	131,202	1/2	115,840	1/2	100,478	1/2	85,116	1/2	69,754	1/2	54,392	1/2	39,032	1/2	23,674	1/2	8,314	1/2	
3/4	3/4	3/4	190,244	3/4	179,614	3/4	168,983	3/4	158,353	3/4	146,243	3/4	130,881	3/4	115,520	3/4	100,158	3/4	84,796	3/4	69,434	3/4	54,072	3/4	38,712	3/4	23,355	3/4	7,994	3/4	
5		5	190,023	5	179,392	5	168,762	5	158,131	5	145,923	5	130,561	5	115,200	5	99,838	5	84,476	5	69,114	5	53,752	5	38,392	5	23,035	5	7,674	5	
1/4	1/4	1/4	189,802	1/4	179,171	1/4	168,540	1/4	157,910	1/4	145,603	1/4	130,241	1/4	114,880	1/4	99,518	1/4	84,156	1/4	68,794	1/4	53,432	1/4	38,072	1/4	22,715	1/4	7,355	1/4	
1/2	1/2	1/2	189,580	1/2	178,949	1/2	168,319	1/2	157,688	1/2	145,283	1/2	129,921	1/2	114,559	1/2	99,198	1/2	83,836	1/2	68,474	1/2	53,112	1/2	37,752	1/2	22,395	1/2	7,035	1/2	
3/4	3/4	3/4	189,359	3/4	178,728	3/4	168,097	3/4	157,467	3/4	144,963	3/4	129,601	3/4	114,239	3/4	98,878	3/4	83,516	3/4	68,154	3/4	52,792	3/4	37,432	3/4	22,075	3/4	6,716	3/4	
6		6	189,137	6	178,506	6	167,876	6	157,245	6	144,643	6	129,281	6	113,919	6	98,558	6	83,196	6	67,834	6	52,472	6	37,112	6	21,755	6	6,396	6	
1/4	1/4	1/4	188,916	1/4	178,285	1/4	167,654	1/4	157,024	1/4	144,323	1/4	128,961	1/4	113,599	1/4	98,237	1/4	82,876	1/4	67,514	1/4	52,152	1/4	36,792	1/4	21,435	1/4	6,078	1/4	
1/2	1/2	1/2	188,694	1/2	178,064	1/2	167,433	1/2	156,802	1/2	144,003	1/2	128,641	1/2	113,279	1/2	97,917	1/2	82,556	1/2	67,194	1/2	51,832	1/2	36,472	1/2	21,115	1/2	5,759	1/2	
3/4	3/4	3/4	188,473	3/4	177,842	3/4	167,211	3/4	156,581	3/4	143,683	3/4	128,321	3/4	112,959	3/4	97,597	3/4	82,236	3/4	66,874	3/4	51,512	3/4	36,152	3/4	20,795	3/4	5,440	3/4	
7	197,913	7	188,251	7	177,621	7	166,990	7	156,359	7	143,363	7	128,001	7	112,639	7	97,277	7	81,915	7	66,554	7	51,192	7	35,832	7	20,475	7	5,121	7	
1/4	1/4	1/4	197,825	1/4	188,030	1/4	177,399	1/4	166,768	1/4	156,138	1/4	143,043	1/4	127,681	1/4	112,319	1/4	96,957	1/4	81,595	1/4	66,234	1/4	50,872	1/4	35,512	1/4	4,803	1/4	
1/2	1/2	1/2	197,737	1/2	187,808	1/2	177,178	1/2	166,547	1/2	155,916	1/2	142,723	1/2	127,361	1/2	111,999	1/2	96,637	1/2	81,275	1/2	65,914	1/2	50,552	1/2	35,192	1/2	4,486	1/2	
3/4	3/4	3/4	197,649	3/4	187,587	3/4	176,956	3/4	166,326	3/4	155,695	3/4	142,403	3/4	127,041	3/4	111,679	3/4	96,317	3/4	80,955	3/4	65,593	3/4	50,232	3/4	34,872	3/4	4,168	3/4	
8	197,561	8	187,365	8	176,735	8	166,104	8	155,473	8	142,083	8	126,721	8	111,359	8	95,997	8	80,635	8	65,273	8	49,912	8	34,552	8	19,195	8	3,850	8	
1/4	1/4	1/4	197,419	1/4	187,144	1/4	176,513	1/4	165,883	1/4	155,252	1/4	141,763	1/4	126,401	1/4	111,039	1/4	95,677	1/4	80,315	1/4	64,953	1/4	49,592	1/4	34,232	1/4	3,534	1/4	
1/2	1/2	1/2	197,278	1/2	186,922	1/2	176,292	1/2	165,661	1/2	155,030	1/2	141,443	1/2	126,081	1/2	110,719	1/2	95,357	1/2	79,995	1/2	64,633	1/2	49,272	1/2	33,912	1/2	3,218	1/2	
3/4	3/4	3/4	197,137	3/4	186,701	3/4	176,070	3/4	165,440	3/4	154,809	3/4	141,123	3/4	125,761	3/4	110,399	3/4	95,037	3/4	79,675	3/4	64,313	3/4	48,952	3/4	33,592	3/4	2,902	3/4	
9	196,995	9	186,479	9	175,849	9	165,218	9	154,587	9	140,803	9	125,441	9	110,079	9	94,717	9	79,355	9	64,033	9	48,631	9	33,272	9	17,915	9	2,586	9	
1/4	1/4	1/4	196,800	1/4	186,258	1/4	175,627	1/4	164,997	1/4	154,366	1/4	140,483	1/4	125,121	1/4	109,759	1/4	94,397	1/4	79,035	1/4	63,711	1/4	48,311	1/4	32,952	1/4	2,266	1/4	
1/2	1/2	1/2	196,606	1/2	186,036	1/2	175,406	1/2	164,775	1/2	154,145	1/2	140,163	1/2	124,801	1/2	109,439	1/2	94,077	1/2	78,715	1/2	63,353	1/2	47,991	1/2	32,632	1/2	1,950	1/2	
3/4	3/4	3/4	196,411	3/4	185,815	3/4	175,184	3/4	164,554	3/4	153,923	3/4	139,843	3/4	124,481	3/4	109,119	3/4	93,75												

CAPACITIES GIVEN IN WHOLE GALLONS

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

REFERENCE GAUGE HEIGHT: 16'-00"

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	194,893	0	184,270	0	173,646	0	163,022	0	152,397	0	137,852	0	122,523	0	107,194	0	91,867	0	76,543	0	61,249	0	45,933	0	30,655	0	15,329	0	666		
1/4	1/4	1/4	194,672	1/4	184,049	1/4	173,425	1/4	162,800	1/4	152,176	1/4	137,533	1/4	122,204	1/4	106,875	1/4	91,547	1/4	76,224	1/4	60,930	1/4	45,615	1/4	30,336	1/4	15,010	1/4			
1/2	1/2	1/2	194,451	1/2	183,828	1/2	173,203	1/2	162,579	1/2	151,955	1/2	137,214	1/2	121,884	1/2	106,555	1/2	91,228	1/2	75,905	1/2	60,612	1/2	45,297	1/2	30,017	1/2	14,691	1/2			
3/4	3/4	3/4	194,230	3/4	183,606	3/4	172,982	3/4	162,358	3/4	151,733	3/4	136,894	3/4	121,565	3/4	106,236	3/4	90,909	3/4	75,586	3/4	60,293	3/4	44,979	3/4	29,698	3/4	14,371	3/4			
1	1	1	194,009	1	183,385	1	172,761	1	162,136	1	151,512	1	136,575	1	121,246	1	105,917	1	90,590	1	75,267	1	59,974	1	44,661	1	29,379	1	14,052	1			
1/4	1/4	1/4	193,788	1/4	183,164	1/4	172,539	1/4	161,915	1/4	151,291	1/4	136,256	1/4	120,926	1/4	105,597	1/4	90,270	1/4	74,948	1/4	59,656	1/4	44,342	1/4	29,059	1/4	13,733	1/4			
1/2	1/2	1/2	193,566	1/2	182,942	1/2	172,318	1/2	161,694	1/2	151,069	1/2	135,936	1/2	120,607	1/2	105,278	1/2	89,951	1/2	74,629	1/2	59,337	1/2	44,024	1/2	28,740	1/2	13,413	1/2			
3/4	3/4	3/4	193,345	3/4	182,721	3/4	172,097	3/4	161,472	3/4	150,848	3/4	135,617	3/4	120,288	3/4	104,958	3/4	89,632	3/4	74,310	3/4	59,019	3/4	43,706	3/4	28,421	3/4	13,094	3/4			
2	2	2	193,124	2	182,500	2	171,875	2	161,251	2	150,627	2	135,298	2	119,968	2	104,639	2	89,312	2	73,991	2	58,700	2	43,388	2	28,102	2	12,775	2			
1/4	1/4	1/4	192,902	1/4	182,278	1/4	171,654	1/4	161,030	1/4	150,307	1/4	134,978	1/4	119,649	1/4	104,320	1/4	88,993	1/4	73,672	1/4	58,381	1/4	43,070	1/4	27,782	1/4	12,455	1/4			
1/2	1/2	1/2	192,681	1/2	182,057	1/2	171,433	1/2	160,808	1/2	149,988	1/2	134,659	1/2	119,330	1/2	104,000	1/2	88,674	1/2	73,353	1/2	58,063	1/2	42,751	1/2	27,463	1/2	12,136	1/2			
3/4	3/4	3/4	192,460	3/4	181,836	3/4	171,211	3/4	160,587	3/4	149,669	3/4	134,339	3/4	119,010	3/4	103,681	3/4	88,354	3/4	73,034	3/4	57,744	3/4	42,433	3/4	27,144	3/4	11,816	3/4			
3	3	3	192,238	3	181,614	3	170,990	3	160,366	3	149,349	3	134,020	3	118,691	3	103,362	3	88,035	3	72,715	3	57,425	3	42,115	3	26,825	3	11,497	3			
1/4	1/4	1/4	192,017	1/4	181,393	1/4	170,769	1/4	160,144	1/4	149,030	1/4	133,701	1/4	118,372	1/4	103,043	1/4	87,716	1/4	72,396	1/4	57,106	1/4	41,797	1/4	26,505	1/4	11,178	1/4			
1/2	1/2	1/2	191,796	1/2	181,172	1/2	170,547	1/2	159,923	1/2	148,711	1/2	133,381	1/2	118,052	1/2	102,723	1/2	87,397	1/2	72,077	1/2	56,787	1/2	41,478	1/2	26,186	1/2	10,858	1/2			
3/4	3/4	3/4	191,574	3/4	180,950	3/4	170,326	3/4	159,702	3/4	148,391	3/4	133,062	3/4	117,733	3/4	102,404	3/4	87,077	3/4	71,758	3/4	56,467	3/4	41,160	3/4	25,867	3/4	10,539	3/4			
4	4	4	191,353	4	180,729	4	170,105	4	159,480	4	148,072	4	132,743	4	117,413	4	102,085	4	86,758	4	71,439	4	56,148	4	40,842	4	25,548	4	10,220	4			
1/4	1/4	1/4	191,132	1/4	180,507	1/4	169,883	1/4	159,259	1/4	147,753	1/4	132,423	1/4	117,094	1/4	101,765	1/4	86,439	1/4	71,120	1/4	55,829	1/4	40,524	1/4	25,229	1/4	9,900	1/4			
1/2	1/2	1/2	190,910	1/2	180,286	1/2	169,662	1/2	159,038	1/2	147,433	1/2	132,104	1/2	116,775	1/2	101,446	1/2	86,119	1/2	70,801	1/2	55,509	1/2	40,206	1/2	24,909	1/2	9,581	1/2			
3/4	3/4	3/4	190,689	3/4	180,065	3/4	169,441	3/4	158,816	3/4	147,114	3/4	131,785	3/4	116,455	3/4	101,127	3/4	85,800	3/4	70,482	3/4	55,190	3/4	39,887	3/4	24,590	3/4	9,262	3/4			
5	5	5	190,468	5	179,843	5	169,219	5	158,595	5	146,794	5	131,465	5	116,136	5	100,807	5	85,481	5	70,163	5	54,871	5	39,569	5	24,271	5	8,942	5			
1/4	1/4	1/4	190,246	1/4	179,622	1/4	168,998	1/4	158,374	1/4	146,475	1/4	131,146	1/4	115,817	1/4	100,488	1/4	85,161	1/4	69,845	1/4	54,551	1/4	39,251	1/4	23,952	1/4	8,623	1/4			
1/2	1/2	1/2	190,025	1/2	179,401	1/2	168,777	1/2	158,152	1/2	146,156	1/2	130,827	1/2	115,497	1/2	100,169	1/2	84,842	1/2	69,526	1/2	54,232	1/2	38,933	1/2	23,632	1/2	8,304	1/2			
3/4	3/4	3/4	189,804	3/4	179,179	3/4	168,555	3/4	157,931	3/4	145,836	3/4	130,507	3/4	115,178	3/4	99,849	3/4	84,523	3/4	69,208	3/4	53,913	3/4	38,615	3/4	23,313	3/4	7,985	3/4			
6	6	6	189,582	6	178,958	6	168,334	6	157,710	6	145,517	6	130,188	6	114,859	6	99,530	6	84,203	6	68,889	6	53,593	6	38,296	6	22,994	6	7,666	6			
1/4	1/4	1/4	189,361	1/4	178,737	1/4	168,113	1/4	157,488	1/4	145,198	1/4	129,868	1/4	114,539	1/4	99,211	1/4	83,884	1/4	68,571	1/4	53,274	1/4	37,978	1/4	22,675	1/4	7,347	1/4			
1/2	1/2	1/2	189,140	1/2	178,515	1/2	167,891	1/2	157,267	1/2	144,878	1/2	129,549	1/2	114,220	1/2	98,892	1/2	83,565	1/2	68,253	1/2	52,955	1/2	37,660	1/2	22,355	1/2	7,028	1/2			
3/4	3/4	3/4	188,918	3/4	178,294	3/4	167,670	3/4	157,046	3/4	144,559	3/4	129,230	3/4	113,901	3/4	98,572	3/4	83,246	3/4	67,934	3/4	52,635	3/4	37,342	3/4	22,036	3/4	6,709	3/4			
7	7	7	188,697	7	178,073	7	167,448	7	156,824	7	144,240	7	128,910	7	113,581	7	98,253	7	82,926	7	67,616	7	52,316	7	37,024	7	21,717	7	6,391	7			
1/4	1/4	1/4	188,476	1/4	177,851	1/4	167,227	1/4	156,603	1/4	143,920	1/4	128,591	1/4	113,262	1/4	97,934	1/4	82,607	1/4	67,298	1/4	51,997	1/4	36,705	1/4	21,397	1/4	6,073	1/4			
1/2	1/2	1/2	188,254	1/2	177,630	1/2	167,006	1/2	156,382	1/2	143,601	1/2	128,272	1/2	112,942	1/2	97,614	1/2	82,288	1/2	66,979	1/2	51,677	1/2	36,387	1/2	21,078	1/2	5,754	1/2			
3/4	3/4	3/4	188,033	3/4	177,409	3/4	166,784	3/4	156,160	3/4	143,281	3/4	127,952	3/4	112,623	3/4	97,295	3/4	81,968	3/4	66,661	3/4	51,358	3/4	36,069	3/4	20,759	3/4	5,436	3/4			
8	197,468	8	187,812	8	177,187	8	166,563	8	155,939	8	142,962	8	127,633	8	112,304	8	96,976	8	81,649	8	66,342	8	51,039	8	35,751	8	20,439	8	5,118	8			
1/4	1/4	1/4	197,380	1/4	187,590	1/4	176,966	1/4	166,342	1/4	155,718	1/4	142,643	1/4	127,314	1/4	111,984	1/4	96,656	1/4	81,330	1/4	66,024	1/4	50,719	1/4	35,433	1/4	20,120	1/4	4,801	1/4	
1/2	1/2	1/2	197,292	1/2	187,369	1/2	176,745	1/2	166,120	1/2	155,496	1/2	142,323	1/2	126,994	1/2	111,665	1/2	96,337	1/2	81,010	1/2	65,706	1/2	50,400	1/2	35,114	1/2	19,800	1/2	4,483	1/2	
3/4	3/4	3/4	197,204	3/4	187,148	3/4	176,523	3/4	165,899	3/4	155,275	3/4	142,004	3/4	126,675	3/4	111,346	3/4	96,018	3/4	80,691	3/4	65,388	3/4	50,081	3/4	34,796	3/4	19,481	3/4	4,165	3/4	
9	197,116	9	186,926	9	176,302	9	165,678	9	155,054	9	141,685	9	126,355	9	111,026	9	95,698	9	80,372	9	65,070	9	49,761	9	34,478	9	19,162	9	3,848	9			
1/4	1/4	1/4	196,974	1/4	186,705	1/4	176,081	1/4	165,456	1/4	154,832	1/4	141,365	1/4	126,036	1/4	110,707	1/4	95,379	1/4	80,052	1/4	64,752	1/4	49,442	1/4	34,160	1/4	18,842	1/4	3,532	1/4	
1/2	1/2	1/2	196,833	1/2	186,484	1/2	175,859	1/2	165,235	1/2	154,611	1/2	141,046	1/2	125,717	1/2	110,388	1/2	95,060	1/2	79,733	1/2	64,433	1/2	49,123	1/2	33,841	1/2	18,523	1/2	3,216	1/2	
3/4	3/4	3/4	196,692	3/4	186,262	3/4	175,638	3/4	165,014	3/4	154,390	3/4	140,727	3/																			



**BARGE: HFL 3014**  
JEFFBOAT 16-2308

**PORT SLOP**  
**ULLAGE TABLE**  
**8" HATCH**

CAPACITIES GIVEN IN GALLONS

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

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

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

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: 02/21/2017 BY: JM  
DATE COMPUTED: 02/23/2017 BY: CL  
DATE ISSUED: 02/23/2017





**BARGE: HFL 3014**  
**JEFFBOAT 16-2308**

**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	3/4		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	4,504	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	4,480	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	4,456	4	3,306	4	2,156	4	1,006	4		4		4		4		4		4	
1/4		1/4		1/4	4,432	1/4	3,282	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	4,408	1/2	3,258	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	4,384	3/4	3,234	3/4	2,084	3/4	934	3/4		3/4		3/4		3/4		3/4		3/4	
5		5		5	4,360	5	3,210	5	2,060	5	910	5		5		5		5		5		5	
1/4		1/4		1/4	4,336	1/4	3,186	1/4	2,036	1/4	886	1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,312	1/2	3,162	1/2	2,012	1/2	862	1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,288	3/4	3,138	3/4	1,988	3/4	838	3/4		3/4		3/4		3/4		3/4		3/4	
6		6		6	4,264	6	3,114	6	1,964	6	814	6		6		6		6		6		6	
1/4		1/4		1/4	4,240	1/4	3,090	1/4	1,940	1/4	790	1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,216	1/2	3,066	1/2	1,916	1/2	766	1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,192	3/4	3,042	3/4	1,892	3/4	742	3/4		3/4		3/4		3/4		3/4		3/4	
7		7		7	4,168	7	3,018	7	1,868	7	718	7		7		7		7		7		7	
1/4		1/4		1/4	4,144	1/4	2,994	1/4	1,844	1/4	694	1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,120	1/2	2,970	1/2	1,820	1/2	670	1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	5,247	3/4	4,097	3/4	2,947	3/4	1,797	3/4		3/4		3/4		3/4		3/4		3/4	
8		8		8	5,223	8	4,073	8	2,923	8	1,773	8		8		8		8		8		8	
1/4		1/4		1/4	5,199	1/4	4,049	1/4	2,899	1/4	1,749	1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	5,175	1/2	4,025	1/2	2,875	1/2	1,725	1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	5,151	3/4	4,001	3/4	2,851	3/4	1,701	3/4		3/4		3/4		3/4		3/4		3/4	
9		9		9	5,127	9	3,977	9	2,827	9	1,677	9		9		9		9		9		9	
1/4		1/4		1/4	5,104	1/4	3,953	1/4	2,803	1/4	1,653	1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	5,080	1/2	3,929	1/2	2,779	1/2	1,629	1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	5,056	3/4	3,906	3/4	2,755	3/4	1,605	3/4		3/4		3/4		3/4		3/4		3/4	
10		10		10	5,032	10	3,882	10	2,731	10	1,581	10		10		10		10		10		10	
1/4		1/4		1/4	5,008	1/4	3,858	1/4	2,708	1/4	1,557	1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,984	1/2	3,834	1/2	2,684	1/2	1,533	1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,960	3/4	3,810	3/4	2,660	3/4	1,509	3/4		3/4		3/4		3/4		3/4		3/4	
11		11		11	4,936	11	3,786	11	2,636	11	1,486	11		11		11		11		11		11	
1/4		1/4		1/4	4,912	1/4	3,762	1/4	2,612	1/4	1,462	1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,888	1/2	3,738	1/2	2,588	1/2	1,438	1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,864	3/4	3,714	3/4	2,564	3/4	1,414	3/4		3/4		3/4		3/4		3/4		3/4	

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

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: 02/21/2017 BY: JM  
DATE COMPUTED: 02/23/2017 BY: CL  
DATE ISSUED: 02/23/2017