



BARGE: HSM 3017

INNAGE 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	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8
1 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	- 00-1/8	00-1/8	- 00-1/8	00-1/8
2 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
2 STBD	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4
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	00-1/8	- 00-1/8	00-1/8	- 00-1/8
3 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	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 2 STBD IS - 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 2 STBD, THE TRIM CORRECTED INNAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 235'-06"

April 11, 2017



BARGE: HSM 3017
JEFFBOAT 16-2311

STBD SLOP
INNAGE TABLE
8" HATCH

CAPACITIES GIVEN IN GALLONS

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

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

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

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.

DATE STRAPPED: 03/28/2017 BY: JM
DATE COMPUTED: 04/11/2017 BY: CL
DATE ISSUED: 04/11/2017



BARGE: HSM 3017
JEFFBOAT 16-2311

PORT SLOP
INNAGE TABLE
8" HATCH

CAPACITIES GIVEN IN GALLONS

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

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

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

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BARGE: HSM 3017

JEFFBOAT 16-2311

3 STBD INNAGE 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	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.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.
0	666	0	15,319	0	30,634	0	45,901	0	61,205	0	76,488	0	91,801	0	107,118	0	122,436	0	137,754	0	152,289	0	162,905	0	173,522	0	184,139	0	194,754	0	
1/4	865	1/4	15,638	1/4	30,953	1/4	46,219	1/4	61,523	1/4	76,807	1/4	92,120	1/4	107,437	1/4	122,755	1/4	138,073	1/4	152,510	1/4	163,127	1/4	173,743	1/4	184,360	1/4	194,973	1/4	
1/2	1,065	1/2	15,957	1/2	31,271	1/2	46,537	1/2	61,842	1/2	77,126	1/2	92,439	1/2	107,756	1/2	123,074	1/2	138,392	1/2	152,731	1/2	163,348	1/2	173,965	1/2	184,581	1/2	195,193	1/2	
3/4	1,265	3/4	16,276	3/4	31,590	3/4	46,855	3/4	62,160	3/4	77,444	3/4	92,759	3/4	108,075	3/4	123,393	3/4	138,711	3/4	152,952	3/4	163,569	3/4	174,186	3/4	184,802	3/4	195,413	3/4	
1	1,465	1	16,595	1	31,909	1	47,173	1	62,478	1	77,763	1	93,078	1	108,394	1	123,712	1	139,031	1	153,174	1	163,790	1	174,407	1	185,024	1	195,632	1	
1/4	1,744	1/4	16,914	1/4	32,227	1/4	47,492	1/4	62,797	1/4	78,082	1/4	93,397	1/4	108,713	1/4	124,031	1/4	139,350	1/4	153,395	1/4	164,011	1/4	174,628	1/4	185,245	1/4	195,827	1/4	
1/2	2,024	1/2	17,233	1/2	32,545	1/2	47,811	1/2	63,115	1/2	78,401	1/2	93,716	1/2	109,032	1/2	124,351	1/2	139,669	1/2	153,616	1/2	164,233	1/2	174,849	1/2	185,466	1/2	196,021	1/2	
3/4	2,303	3/4	17,552	3/4	32,863	3/4	48,130	3/4	63,433	3/4	78,719	3/4	94,035	3/4	109,351	3/4	124,670	3/4	139,988	3/4	153,837	3/4	164,454	3/4	175,070	3/4	185,687	3/4	196,216	3/4	
2	2,582	2	17,872	2	33,181	2	48,449	2	63,751	2	79,038	2	94,354	2	109,671	2	124,989	2	140,307	2	154,058	2	164,675	2	175,292	2	185,908	2	196,410	2	
1/4	2,898	1/4	18,191	1/4	33,499	1/4	48,769	1/4	64,069	1/4	79,357	1/4	94,673	1/4	109,990	1/4	125,308	1/4	140,626	1/4	154,279	1/4	164,896	1/4	175,513	1/4	186,129	1/4	196,551	1/4	
1/2	3,214	1/2	18,510	1/2	33,817	1/2	49,088	1/2	64,387	1/2	79,676	1/2	94,992	1/2	110,309	1/2	125,627	1/2	140,945	1/2	154,501	1/2	165,117	1/2	175,734	1/2	186,351	1/2	196,693	1/2	
3/4	3,529	3/4	18,829	3/4	34,135	3/4	49,407	3/4	64,705	3/4	79,995	3/4	95,311	3/4	110,628	3/4	125,946	3/4	141,265	3/4	154,722	3/4	165,338	3/4	175,955	3/4	186,572	3/4	196,834	3/4	
3	3,845	3	19,148	3	34,453	3	49,726	3	65,023	3	80,314	3	95,630	3	110,947	3	126,265	3	141,584	3	154,943	3	165,560	3	176,176	3	186,793	3	196,975	3	
1/4	4,162	1/4	19,467	1/4	34,771	1/4	50,045	1/4	65,341	1/4	80,634	1/4	95,949	1/4	111,266	1/4	126,585	1/4	141,903	1/4	155,164	1/4	165,781	1/4	176,398	1/4	187,014	1/4	197,063	1/4	
1/2	4,480	1/2	19,786	1/2	35,089	1/2	50,364	1/2	65,659	1/2	80,953	1/2	96,268	1/2	111,585	1/2	126,904	1/2	142,222	1/2	155,385	1/2	166,002	1/2	176,619	1/2	187,235	1/2	197,151	1/2	
3/4	4,797	3/4	20,105	3/4	35,407	3/4	50,683	3/4	65,977	3/4	81,272	3/4	96,587	3/4	111,904	3/4	127,223	3/4	142,541	3/4	155,606	3/4	166,223	3/4	176,840	3/4	187,457	3/4	197,239	3/4	
4	5,114	4	20,425	4	35,725	4	51,002	4	66,295	4	81,591	4	96,907	4	112,224	4	127,542	4	142,860	4	155,828	4	166,444	4	177,061	4	187,678	4	197,327	4	
1/4	5,432	1/4	20,744	1/4	36,043	1/4	51,321	1/4	66,613	1/4	81,910	1/4	97,226	1/4	112,543	1/4	127,861	1/4	143,179	1/4	156,049	1/4	166,666	1/4	177,282	1/4	187,899	1/4		1/4	
1/2	5,750	1/2	21,063	1/2	36,361	1/2	51,640	1/2	66,931	1/2	82,229	1/2	97,545	1/2	112,862	1/2	128,180	1/2	143,498	1/2	156,270	1/2	166,887	1/2	177,503	1/2	188,120	1/2		1/2	
3/4	6,068	3/4	21,382	3/4	36,679	3/4	51,960	3/4	67,250	3/4	82,548	3/4	97,864	3/4	113,181	3/4	128,499	3/4	143,818	3/4	156,491	3/4	167,108	3/4	177,725	3/4	188,341	3/4		3/4	
5	6,386	5	21,701	5	36,997	5	52,279	5	67,568	5	82,867	5	98,183	5	113,500	5	128,818	5	144,137	5	156,712	5	167,329	5	177,946	5	188,562	5		5	
1/4	6,705	1/4	22,020	1/4	37,315	1/4	52,598	1/4	67,886	1/4	83,186	1/4	98,502	1/4	113,819	1/4	129,138	1/4	144,456	1/4	156,934	1/4	167,550	1/4	178,167	1/4	188,784	1/4		1/4	
1/2	7,023	1/2	22,339	1/2	37,633	1/2	52,917	1/2	68,204	1/2	83,505	1/2	98,821	1/2	114,138	1/2	129,457	1/2	144,775	1/2	157,155	1/2	167,771	1/2	178,388	1/2	189,005	1/2		1/2	
3/4	7,342	3/4	22,658	3/4	37,951	3/4	53,236	3/4	68,522	3/4	83,824	3/4	99,140	3/4	114,458	3/4	129,776	3/4	145,094	3/4	157,376	3/4	167,993	3/4	178,609	3/4	189,226	3/4		3/4	
6	7,660	6	22,978	6	38,269	6	53,555	6	68,840	6	84,143	6	99,459	6	114,777	6	130,095	6	145,413	6	157,597	6	168,214	6	178,831	6	189,447	6		6	
1/4	7,979	1/4	23,297	1/4	38,587	1/4	53,874	1/4	69,158	1/4	84,462	1/4	99,778	1/4	115,096	1/4	130,414	1/4	145,732	1/4	157,818	1/4	168,435	1/4	179,052	1/4	189,668	1/4		1/4	
1/2	8,298	1/2	23,616	1/2	38,905	1/2	54,193	1/2	69,477	1/2	84,782	1/2	100,097	1/2	115,415	1/2	130,733	1/2	146,052	1/2	158,039	1/2	168,656	1/2	179,273	1/2	189,890	1/2		1/2	
3/4	8,617	3/4	23,935	3/4	39,223	3/4	54,512	3/4	69,795	3/4	85,101	3/4	100,416	3/4	115,734	3/4	131,052	3/4	146,371	3/4	158,261	3/4	168,877	3/4	179,494	3/4	190,111	3/4		3/4	
7	8,936	7	24,254	7	39,541	7	54,831	7	70,113	7	85,420	7	100,736	7	116,053	7	131,371	7	146,690	7	158,482	7	169,099	7	179,715	7	190,332	7		7	
1/4	9,255	1/4	24,573	1/4	39,859	1/4	55,151	1/4	70,432	1/4	85,739	1/4	101,055	1/4	116,372	1/4	131,691	1/4	147,009	1/4	158,703	1/4	169,320	1/4	179,936	1/4	190,553	1/4		1/4	
1/2	9,574	1/2	24,892	1/2	40,177	1/2	55,470	1/2	70,750	1/2	86,058	1/2	101,374	1/2	116,691	1/2	132,010	1/2	147,328	1/2	158,924	1/2	169,541	1/2	180,158	1/2	190,774	1/2		1/2	
3/4	9,893	3/4	25,211	3/4	40,495	3/4	55,789	3/4	71,069	3/4	86,377	3/4	101,693	3/4	117,011	3/4	132,329	3/4	147,647	3/4	159,145	3/4	169,762	3/4	180,379	3/4	190,995	3/4		3/4	
8	10,212	8	25,530	8	40,813	8	56,108	8	71,388	8	86,696	8	102,012	8	117,330	8	132,648	8	147,966	8	159,367	8	169,983	8	180,600	8	191,217	8		8	
1/4	10,532	1/4	25,849	1/4	41,131	1/4	56,427	1/4	71,707	1/4	87,015	1/4	102,331	1/4	117,649	1/4	132,967	1/4	148,285	1/4	159,588	1/4	170,204	1/4	180,821	1/4	191,438	1/4		1/4	
1/2	10,851	1/2	26,168	1/2	41,449	1/2	56,746	1/2	72,025	1/2	87,334	1/2	102,650	1/2	117,968	1/2	133,286	1/2	148,605	1/2	159,809	1/2	170,426	1/2	181,042	1/2	191,659	1/2		1/2	
3/4	11,170	3/4	26,487	3/4	41,767	3/4	57,065	3/4	72,344	3/4	87,653	3/4	102,969	3/4	118,287	3/4	133,605	3/4	148,924	3/4	160,030	3/4	170,647	3/4	181,263	3/4	191,880	3/4		3/4	
9	11,489	9	26,806	9	42,085	9	57,384	9	72,663	9	87,972	9	103,288	9	118,606	9	133,925	9	149,243	9	160,251	9	170,868	9	181,485	9	192,101	9		9	
1/4	11,808	1/4	27,125	1/4	42,403	1/4	57,703	1/4	72,982	1/4	88,291	1/4	103,607	1/4	118,925	1/4	134,244	1/4	149,562	1/4	160,472	1/4	171,089	1/4	181,706	1/4	192,323	1/4		1/4	
1/2	12,127	1/2	27,444	1/2	42,721	1/2	58,021	1/2	73,300	1/2	88,610	1/2	103,926	1/2	119,245	1/2	134,563	1/2	149,881	1/2	160,694	1/2	171,310	1/2	181,927	1/2	192,544	1/2		1/2	
3/4	12,446	3/4	27,763	3/4	43,039	3/4	58,340	3/4	73,619	3/4	88,930	3/4	104,245	3/4	119,564	3/4	134,882	3/4	15												



BARGE: HSM 3017
JEFFBOAT 16-2311

3 PORT
INNAGE 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"

Table with columns for IN, 0 FT., 1 FT., 2 FT., 3 FT., 4 FT., 5 FT., 6 FT., 7 FT., 8 FT., 9 FT., 10 FT., 11 FT., 12 FT., 13 FT., 14 FT., 15 FT. and rows for various measurements from 0 to 15 feet.

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: 03/28/2017 BY: JM
DATE COMPUTED: 04/11/2017 BY: CL
DATE ISSUED: 04/11/2017

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 of Paul Stearns



BARGE: HSM 3017
JEFFBOAT 16-2311

2 STBD
INNAGE 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	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.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.
0	668	0	15,377	0	30,762	0	46,124	0	61,497	0	76,879	0	92,264	0	107,648	0	123,033	0	138,418	0	153,803	0	169,187	0	184,572	0	199,957	0	215,339	0	
1/4	868	1/4	15,698	1/4	31,082	1/4	46,443	1/4	61,818	1/4	77,200	1/4	92,584	1/4	107,969	1/4	123,354	1/4	138,738	1/4	154,123	1/4	169,508	1/4	184,892	1/4	200,277	1/4	215,658	1/4	
1/2	1,068	1/2	16,018	1/2	31,403	1/2	46,763	1/2	62,138	1/2	77,520	1/2	92,905	1/2	108,290	1/2	123,674	1/2	139,059	1/2	154,444	1/2	169,828	1/2	185,213	1/2	200,598	1/2	215,977	1/2	
3/4	1,268	3/4	16,339	3/4	31,723	3/4	47,083	3/4	62,459	3/4	77,841	3/4	93,225	3/4	108,610	3/4	123,995	3/4	139,379	3/4	154,764	3/4	170,149	3/4	185,533	3/4	200,918	3/4	216,296	3/4	
1	1,469	1	16,659	1	32,044	1	47,403	1	62,779	1	78,161	1	93,546	1	108,931	1	124,315	1	139,700	1	155,085	1	170,469	1	185,854	1	201,239	1	216,615	1	
1/4	1,749	1/4	16,980	1/4	32,364	1/4	47,723	1/4	63,100	1/4	78,482	1/4	93,866	1/4	109,251	1/4	124,636	1/4	140,020	1/4	155,405	1/4	170,790	1/4	186,175	1/4	201,559	1/4	216,909	1/4	
1/2	2,029	1/2	17,300	1/2	32,685	1/2	48,043	1/2	63,420	1/2	78,802	1/2	94,187	1/2	109,572	1/2	124,956	1/2	140,341	1/2	155,726	1/2	171,110	1/2	186,495	1/2	201,880	1/2	217,203	1/2	
3/4	2,309	3/4	17,621	3/4	33,005	3/4	48,363	3/4	63,740	3/4	79,123	3/4	94,507	3/4	109,892	3/4	125,277	3/4	140,661	3/4	156,046	3/4	171,431	3/4	186,816	3/4	202,200	3/4	217,496	3/4	
2	2,590	2	17,941	2	33,326	2	48,683	2	64,061	2	79,443	2	94,828	2	110,213	2	125,597	2	140,982	2	156,367	2	171,751	2	187,136	2	202,521	2	217,790	2	
1/4	2,906	1/4	18,262	1/4	33,646	1/4	49,003	1/4	64,381	1/4	79,764	1/4	95,148	1/4	110,533	1/4	125,918	1/4	141,303	1/4	156,687	1/4	172,072	1/4	187,457	1/4	202,841	1/4	218,031	1/4	
1/2	3,223	1/2	18,582	1/2	33,967	1/2	49,323	1/2	64,702	1/2	80,084	1/2	95,469	1/2	110,854	1/2	126,238	1/2	141,623	1/2	157,008	1/2	172,392	1/2	187,777	1/2	203,162	1/2	218,271	1/2	
3/4	3,539	3/4	18,903	3/4	34,287	3/4	49,643	3/4	65,022	3/4	80,405	3/4	95,789	3/4	111,174	3/4	126,559	3/4	141,944	3/4	157,328	3/4	172,713	3/4	188,098	3/4	203,482	3/4	218,511	3/4	
3	3,856	3	19,223	3	34,608	3	49,963	3	65,343	3	80,725	3	96,110	3	111,495	3	126,879	3	142,264	3	157,649	3	173,033	3	188,418	3	203,803	3	218,752	3	
1/4	4,174	1/4	19,544	1/4	34,928	1/4	50,283	1/4	65,663	1/4	81,046	1/4	96,430	1/4	111,815	1/4	127,200	1/4	142,585	1/4	157,969	1/4	173,354	1/4	188,739	1/4	204,123	1/4	218,939	1/4	
1/2	4,492	1/2	19,864	1/2	35,248	1/2	50,604	1/2	65,984	1/2	81,366	1/2	96,751	1/2	112,136	1/2	127,520	1/2	142,905	1/2	158,290	1/2	173,674	1/2	189,059	1/2	204,444	1/2	219,126	1/2	
3/4	4,811	3/4	20,185	3/4	35,568	3/4	50,924	3/4	66,304	3/4	81,687	3/4	97,072	3/4	112,456	3/4	127,841	3/4	143,226	3/4	158,610	3/4	173,995	3/4	189,380	3/4	204,764	3/4	219,313	3/4	
4	5,129	4	20,505	4	35,889	4	51,244	4	66,624	4	82,007	4	97,392	4	112,777	4	128,161	4	143,546	4	158,931	4	174,315	4	189,700	4	205,085	4	219,500	4	
1/4	5,448	1/4	20,826	1/4	36,208	1/4	51,565	1/4	66,945	1/4	82,328	1/4	97,713	1/4	113,097	1/4	128,482	1/4	143,867	1/4	159,251	1/4	174,636	1/4	190,021	1/4	205,405	1/4		1/4	
1/2	5,767	1/2	21,146	1/2	36,528	1/2	51,885	1/2	67,265	1/2	82,648	1/2	98,033	1/2	113,418	1/2	128,802	1/2	144,187	1/2	159,572	1/2	174,957	1/2	190,341	1/2	205,726	1/2		1/2	
3/4	6,087	3/4	21,467	3/4	36,848	3/4	52,205	3/4	67,586	3/4	82,969	3/4	98,354	3/4	113,738	3/4	129,123	3/4	144,508	3/4	159,892	3/4	175,277	3/4	190,662	3/4	206,046	3/4		3/4	
5	6,406	5	21,787	5	37,168	5	52,526	5	67,906	5	83,289	5	98,674	5	114,059	5	129,443	5	144,828	5	160,213	5	175,598	5	190,982	5	206,367	5		5	
1/4	6,726	1/4	22,108	1/4	37,488	1/4	52,846	1/4	68,227	1/4	83,610	1/4	98,995	1/4	114,379	1/4	129,764	1/4	145,149	1/4	160,533	1/4	175,918	1/4	191,303	1/4	206,687	1/4		1/4	
1/2	7,046	1/2	22,428	1/2	37,808	1/2	53,166	1/2	68,547	1/2	83,930	1/2	99,315	1/2	114,700	1/2	130,085	1/2	145,469	1/2	160,854	1/2	176,239	1/2	191,623	1/2	207,008	1/2		1/2	
3/4	7,366	3/4	22,749	3/4	38,128	3/4	53,487	3/4	68,867	3/4	84,251	3/4	99,636	3/4	115,020	3/4	130,405	3/4	145,790	3/4	161,174	3/4	176,559	3/4	191,944	3/4	207,328	3/4		3/4	
6	7,686	6	23,069	6	38,448	6	53,807	6	69,188	6	84,571	6	99,956	6	115,341	6	130,726	6	146,110	6	161,495	6	176,880	6	192,264	6	207,649	6		6	
1/4	8,006	1/4	23,390	1/4	38,767	1/4	54,128	1/4	69,508	1/4	84,892	1/4	100,277	1/4	115,661	1/4	131,046	1/4	146,431	1/4	161,815	1/4	177,200	1/4	192,585	1/4	207,969	1/4		1/4	
1/2	8,326	1/2	23,710	1/2	39,087	1/2	54,448	1/2	69,829	1/2	85,212	1/2	100,597	1/2	115,982	1/2	131,367	1/2	146,751	1/2	162,136	1/2	177,521	1/2	192,905	1/2	208,290	1/2		1/2	
3/4	8,647	3/4	24,031	3/4	39,407	3/4	54,769	3/4	70,149	3/4	85,533	3/4	100,918	3/4	116,302	3/4	131,687	3/4	147,072	3/4	162,456	3/4	177,841	3/4	193,226	3/4	208,611	3/4		3/4	
7	8,967	7	24,351	7	39,727	7	55,089	7	70,470	7	85,854	7	101,238	7	116,623	7	132,008	7	147,392	7	162,777	7	178,162	7	193,546	7	208,931	7		7	
1/4	9,287	1/4	24,672	1/4	40,047	1/4	55,409	1/4	70,790	1/4	86,174	1/4	101,559	1/4	116,943	1/4	132,328	1/4	147,713	1/4	163,097	1/4	178,482	1/4	193,867	1/4	209,252	1/4		1/4	
1/2	9,608	1/2	24,993	1/2	40,367	1/2	55,730	1/2	71,111	1/2	86,495	1/2	101,879	1/2	117,264	1/2	132,649	1/2	148,033	1/2	163,418	1/2	178,803	1/2	194,187	1/2	209,572	1/2		1/2	
3/4	9,928	3/4	25,313	3/4	40,686	3/4	56,050	3/4	71,431	3/4	86,815	3/4	102,200	3/4	117,584	3/4	132,969	3/4	148,354	3/4	163,739	3/4	179,123	3/4	194,508	3/4	209,893	3/4		3/4	
8	10,249	8	25,634	8	41,006	8	56,371	8	71,752	8	87,136	8	102,520	8	117,905	8	133,290	8	148,674	8	164,059	8	179,444	8	194,828	8	210,213	8		8	
1/4	10,569	1/4	25,954	1/4	41,326	1/4	56,691	1/4	72,072	1/4	87,456	1/4	102,841	1/4	118,225	1/4	133,610	1/4	148,995	1/4	164,380	1/4	179,764	1/4	195,149	1/4	210,534	1/4		1/4	
1/2	10,890	1/2	26,275	1/2	41,646	1/2	57,011	1/2	72,392	1/2	87,777	1/2	103,161	1/2	118,546	1/2	133,931	1/2	149,315	1/2	164,700	1/2	180,085	1/2	195,469	1/2	210,854	1/2		1/2	
3/4	11,210	3/4	26,595	3/4	41,966	3/4	57,332	3/4	72,713	3/4	88,097	3/4	103,482	3/4	118,866	3/4	134,251	3/4	149,636	3/4	165,021	3/4	180,405	3/4	195,790	3/4	211,175	3/4		3/4	
9	11,531	9	26,916	9	42,286	9	57,652	9	73,033	9	88,418	9	103,802	9	119,187	9	134,572	9	149,956	9	165,341	9	180,726	9	196,110	9	211,495	9		9	
1/4	11,851	1/4	27,236	1/4	42,605	1/4	57,973	1/4	73,354	1/4	88,738	1/4	104,123	1/4	119,508	1/4	134,892	1/4	150,277	1/4	165,662	1/4	181,046	1/4	196,431	1/4	211,816	1/4		1/4	
1/2	12,172	1/2	27,557	1/2	42,925	1/2	58,293	1/2	73,674	1/2	89,059	1/2	104,443	1/2	119,828	1/2	135,213	1/2	150,597	1/2	165,982	1/2	181,367	1/2	196,751	1/2	212,136	1/2		1/2	
3/4	12,492	3/4	27,877	3/4	43,245	3/4	58,614	3/4	73,995	3/4	89,379	3/4	104,764	3/4	120,149	3/4	135,533	3/4	150,918	3/4											



BARGE: HSM 3017

JEFFBOAT 16-2311

2 PORT INNAGE 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	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.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.
0	666	0	15,352	0	30,713	0	46,067	0	61,426	0	76,786	0	92,146	0	107,506	0	122,866	0	138,226	0	153,586	0	168,946	0	184,306	0	199,666	0	215,024	0	
1/4	866	1/4	15,672	1/4	31,033	1/4	46,387	1/4	61,746	1/4	77,106	1/4	92,466	1/4	107,826	1/4	123,186	1/4	138,546	1/4	153,906	1/4	169,266	1/4	184,626	1/4	199,986	1/4	215,343	1/4	
1/2	1,066	1/2	15,992	1/2	31,353	1/2	46,707	1/2	62,066	1/2	77,426	1/2	92,786	1/2	108,146	1/2	123,506	1/2	138,866	1/2	154,226	1/2	169,586	1/2	184,946	1/2	200,306	1/2	215,661	1/2	
3/4	1,266	3/4	16,312	3/4	31,673	3/4	47,027	3/4	62,386	3/4	77,746	3/4	93,106	3/4	108,466	3/4	123,826	3/4	139,186	3/4	154,546	3/4	169,906	3/4	185,266	3/4	200,626	3/4	215,980	3/4	
1	1,466	1	16,632	1	31,993	1	47,347	1	62,706	1	78,066	1	93,426	1	108,786	1	124,146	1	139,506	1	154,866	1	170,226	1	185,586	1	200,946	1	216,298	1	
1/4	1,746	1/4	16,952	1/4	32,313	1/4	47,667	1/4	63,026	1/4	78,386	1/4	93,746	1/4	109,106	1/4	124,466	1/4	139,826	1/4	155,186	1/4	170,546	1/4	185,906	1/4	201,266	1/4	216,592	1/4	
1/2	2,026	1/2	17,272	1/2	32,633	1/2	47,986	1/2	63,346	1/2	78,706	1/2	94,066	1/2	109,426	1/2	124,786	1/2	140,146	1/2	155,506	1/2	170,866	1/2	186,226	1/2	201,586	1/2	216,885	1/2	
3/4	2,306	3/4	17,592	3/4	32,953	3/4	48,306	3/4	63,666	3/4	79,026	3/4	94,386	3/4	109,746	3/4	125,106	3/4	140,466	3/4	155,826	3/4	171,186	3/4	186,546	3/4	201,906	3/4	217,178	3/4	
2	2,586	2	17,912	2	33,273	2	48,626	2	63,986	2	79,346	2	94,706	2	110,066	2	125,426	2	140,786	2	156,146	2	171,506	2	186,866	2	202,226	2	217,471	2	
1/4	2,902	1/4	18,232	1/4	33,593	1/4	48,946	1/4	64,306	1/4	79,666	1/4	95,026	1/4	110,386	1/4	125,746	1/4	141,106	1/4	156,466	1/4	171,826	1/4	187,186	1/4	202,546	1/4	217,711	1/4	
1/2	3,218	1/2	18,552	1/2	33,913	1/2	49,266	1/2	64,626	1/2	79,986	1/2	95,346	1/2	110,706	1/2	126,066	1/2	141,426	1/2	156,786	1/2	172,146	1/2	187,506	1/2	202,866	1/2	217,951	1/2	
3/4	3,534	3/4	18,872	3/4	34,233	3/4	49,586	3/4	64,946	3/4	80,306	3/4	95,666	3/4	111,026	3/4	126,386	3/4	141,746	3/4	157,106	3/4	172,466	3/4	187,826	3/4	203,186	3/4	218,191	3/4	
3	3,850	3	19,192	3	34,553	3	49,906	3	65,266	3	80,626	3	95,986	3	111,346	3	126,706	3	142,066	3	157,426	3	172,786	3	188,146	3	203,506	3	218,431	3	
1/4	4,167	1/4	19,512	1/4	34,873	1/4	50,226	1/4	65,586	1/4	80,946	1/4	96,306	1/4	111,666	1/4	127,026	1/4	142,386	1/4	157,746	1/4	173,106	1/4	188,466	1/4	203,826	1/4	218,618	1/4	
1/2	4,485	1/2	19,832	1/2	35,193	1/2	50,546	1/2	65,906	1/2	81,266	1/2	96,626	1/2	111,986	1/2	127,346	1/2	142,706	1/2	158,066	1/2	173,426	1/2	188,786	1/2	204,146	1/2	218,805	1/2	
3/4	4,803	3/4	20,152	3/4	35,513	3/4	50,866	3/4	66,226	3/4	81,586	3/4	96,946	3/4	112,306	3/4	127,666	3/4	143,026	3/4	158,386	3/4	173,746	3/4	189,106	3/4	204,466	3/4	218,991	3/4	
4	5,121	4	20,472	4	35,833	4	51,186	4	66,546	4	81,906	4	97,266	4	112,626	4	127,986	4	143,346	4	158,706	4	174,066	4	189,426	4	204,786	4	219,178	4	
1/4	5,439	1/4	20,792	1/4	36,153	1/4	51,506	1/4	66,866	1/4	82,226	1/4	97,586	1/4	112,946	1/4	128,306	1/4	143,666	1/4	159,026	1/4	174,386	1/4	189,746	1/4	205,106	1/4		1/4	
1/2	5,758	1/2	21,112	1/2	36,473	1/2	51,826	1/2	67,186	1/2	82,546	1/2	97,906	1/2	113,266	1/2	128,626	1/2	143,986	1/2	159,346	1/2	174,706	1/2	190,066	1/2	205,426	1/2		1/2	
3/4	6,077	3/4	21,432	3/4	36,793	3/4	52,146	3/4	67,506	3/4	82,866	3/4	98,226	3/4	113,586	3/4	128,946	3/4	144,306	3/4	159,666	3/4	175,026	3/4	190,386	3/4	205,746	3/4		3/4	
5	6,396	5	21,752	5	37,113	5	52,466	5	67,826	5	83,186	5	98,546	5	113,906	5	129,266	5	144,626	5	159,986	5	175,346	5	190,706	5	206,066	5		5	
1/4	6,715	1/4	22,072	1/4	37,432	1/4	52,786	1/4	68,146	1/4	83,506	1/4	98,866	1/4	114,226	1/4	129,586	1/4	144,946	1/4	160,306	1/4	175,666	1/4	191,026	1/4	206,386	1/4		1/4	
1/2	7,035	1/2	22,392	1/2	37,752	1/2	53,106	1/2	68,466	1/2	83,826	1/2	99,186	1/2	114,546	1/2	129,906	1/2	145,266	1/2	160,626	1/2	175,986	1/2	191,346	1/2	206,706	1/2		1/2	
3/4	7,354	3/4	22,712	3/4	38,072	3/4	53,426	3/4	68,786	3/4	84,146	3/4	99,506	3/4	114,866	3/4	130,226	3/4	145,586	3/4	160,946	3/4	176,306	3/4	191,666	3/4	207,026	3/4		3/4	
6	7,673	6	23,033	6	38,392	6	53,746	6	69,106	6	84,466	6	99,826	6	115,186	6	130,546	6	145,906	6	161,266	6	176,626	6	191,986	6	207,346	6		6	
1/4	7,993	1/4	23,353	1/4	38,712	1/4	54,066	1/4	69,426	1/4	84,786	1/4	100,146	1/4	115,506	1/4	130,866	1/4	146,226	1/4	161,586	1/4	176,946	1/4	192,306	1/4	207,666	1/4		1/4	
1/2	8,313	1/2	23,673	1/2	39,031	1/2	54,386	1/2	69,746	1/2	85,106	1/2	100,466	1/2	115,826	1/2	131,186	1/2	146,546	1/2	161,906	1/2	177,266	1/2	192,626	1/2	207,986	1/2		1/2	
3/4	8,633	3/4	23,993	3/4	39,351	3/4	54,706	3/4	70,066	3/4	85,426	3/4	100,786	3/4	116,146	3/4	131,506	3/4	146,866	3/4	162,226	3/4	177,586	3/4	192,946	3/4	208,306	3/4		3/4	
7	8,953	7	24,313	7	39,671	7	55,026	7	70,386	7	85,746	7	101,106	7	116,466	7	131,826	7	147,186	7	162,546	7	177,906	7	193,266	7	208,626	7		7	
1/4	9,273	1/4	24,633	1/4	39,991	1/4	55,346	1/4	70,706	1/4	86,066	1/4	101,426	1/4	116,786	1/4	132,146	1/4	147,506	1/4	162,866	1/4	178,226	1/4	193,586	1/4	208,946	1/4		1/4	
1/2	9,592	1/2	24,953	1/2	40,311	1/2	55,666	1/2	71,026	1/2	86,386	1/2	101,746	1/2	117,106	1/2	132,466	1/2	147,826	1/2	163,186	1/2	178,546	1/2	193,906	1/2	209,266	1/2		1/2	
3/4	9,912	3/4	25,273	3/4	40,630	3/4	55,986	3/4	71,346	3/4	86,706	3/4	102,066	3/4	117,426	3/4	132,786	3/4	148,146	3/4	163,506	3/4	178,866	3/4	194,226	3/4	209,586	3/4		3/4	
8	10,232	8	25,593	8	40,950	8	56,306	8	71,666	8	87,026	8	102,386	8	117,746	8	133,106	8	148,466	8	163,826	8	179,186	8	194,546	8	209,906	8		8	
1/4	10,552	1/4	25,913	1/4	41,270	1/4	56,626	1/4	71,986	1/4	87,346	1/4	102,706	1/4	118,066	1/4	133,426	1/4	148,786	1/4	164,146	1/4	179,506	1/4	194,866	1/4	210,226	1/4		1/4	
1/2	10,872	1/2	26,233	1/2	41,590	1/2	56,946	1/2	72,306	1/2	87,666	1/2	103,026	1/2	118,386	1/2	133,746	1/2	149,106	1/2	164,466	1/2	179,826	1/2	195,186	1/2	210,546	1/2		1/2	
3/4	11,192	3/4	26,553	3/4	41,910	3/4	57,266	3/4	72,626	3/4	87,986	3/4	103,346	3/4	118,706	3/4	134,066	3/4	149,426	3/4	164,786	3/4	180,146	3/4	195,506	3/4	210,866	3/4		3/4	
9	11,512	9	26,873	9	42,230	9	57,586	9	72,946	9	88,306	9	103,666	9	119,026	9	134,386	9	149,746	9	165,106	9	180,466	9	195,826	9	211,186	9		9	
1/4	11,832	1/4	27,193	1/4	42,549	1/4	57,906	1/4	73,266	1/4	88,626	1/4	103,986	1/4	119,346	1/4	134,706	1/4	150,066	1/4	165,426	1/4	180,786	1/4	196,146	1/4	211,506	1/4		1/4	
1/2	12,152	1/2	27,513	1/2	42,869	1/2	58,226	1/2	73,586	1/2	88,946	1/2	104,306	1/2	119,666	1/2	135,026	1/2	150,386	1/2	165,746	1/2	181,106	1/2	196,466	1/2	211,826	1/2		1/2	
3/4	12,472	3/4	27,833	3/4	43,189	3/4	58,546	3/4	73,906	3/4	89,266	3/4	104,626	3/4	119,986	3/4	135,346	3/4	150,706	3/4	166,066	3/4	181,426	3/4	196,786</						



BARGE: HSM 3017
JEFFBOAT 16-2311

1 STBD
INNAGE 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	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.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.
0	629	0	11,828	0	25,873	0	40,330	0	54,774	0	69,225	0	83,682	0	98,139	0	112,596	0	127,053	0	141,510	0	155,966	0	170,423	0	184,880	0	199,335	0	
1/4	739	1/4	12,102	1/4	26,174	1/4	40,631	1/4	55,075	1/4	69,526	1/4	83,983	1/4	98,440	1/4	112,897	1/4	127,354	1/4	141,811	1/4	156,268	1/4	170,725	1/4	185,181	1/4	199,635	1/4	
1/2	850	1/2	12,376	1/2	26,476	1/2	40,933	1/2	55,375	1/2	69,827	1/2	84,284	1/2	98,741	1/2	113,198	1/2	127,655	1/2	142,112	1/2	156,569	1/2	171,026	1/2	185,483	1/2	199,935	1/2	
3/4	960	3/4	12,650	3/4	26,777	3/4	41,234	3/4	55,676	3/4	70,129	3/4	84,585	3/4	99,042	3/4	113,499	3/4	127,956	3/4	142,413	3/4	156,870	3/4	171,327	3/4	185,784	3/4	200,235	3/4	
1	1,071	1	12,924	1	27,078	1	41,535	1	55,977	1	70,430	1	84,887	1	99,343	1	113,800	1	128,257	1	142,714	1	157,171	1	171,628	1	186,085	1	200,534	1	
1/4	1,261	1/4	13,202	1/4	27,379	1/4	41,836	1/4	56,278	1/4	70,731	1/4	85,188	1/4	99,645	1/4	114,102	1/4	128,559	1/4	143,015	1/4	157,472	1/4	171,929	1/4	186,386	1/4	200,810	1/4	
1/2	1,450	1/2	13,480	1/2	27,680	1/2	42,137	1/2	56,579	1/2	71,032	1/2	85,489	1/2	99,946	1/2	114,403	1/2	128,860	1/2	143,317	1/2	157,774	1/2	172,230	1/2	186,687	1/2	201,086	1/2	
3/4	1,640	3/4	13,758	3/4	27,982	3/4	42,438	3/4	56,879	3/4	71,333	3/4	85,790	3/4	100,247	3/4	114,704	3/4	129,161	3/4	143,618	3/4	158,075	3/4	172,532	3/4	186,989	3/4	201,362	3/4	
2	1,830	2	14,036	2	28,283	2	42,740	2	57,180	2	71,635	2	86,091	2	100,548	2	115,005	2	129,462	2	143,919	2	158,376	2	172,833	2	187,290	2	201,638	2	
1/4	2,058	1/4	14,318	1/4	28,584	1/4	43,041	1/4	57,481	1/4	71,936	1/4	86,392	1/4	100,849	1/4	115,306	1/4	129,763	1/4	144,220	1/4	158,677	1/4	173,134	1/4	187,591	1/4	201,864	1/4	
1/2	2,286	1/2	14,601	1/2	28,885	1/2	43,342	1/2	57,782	1/2	72,237	1/2	86,694	1/2	101,151	1/2	115,608	1/2	130,064	1/2	144,521	1/2	158,978	1/2	173,435	1/2	187,892	1/2	202,090	1/2	
3/4	2,514	3/4	14,883	3/4	29,186	3/4	43,643	3/4	58,083	3/4	72,538	3/4	86,995	3/4	101,452	3/4	115,909	3/4	130,366	3/4	144,823	3/4	159,279	3/4	173,736	3/4	188,193	3/4	202,316	3/4	
3	2,742	3	15,165	3	29,488	3	43,944	3	58,384	3	72,839	3	87,296	3	101,753	3	116,210	3	130,667	3	145,124	3	159,581	3	174,038	3	188,495	3	202,542	3	
1/4	2,976	1/4	15,452	1/4	29,789	1/4	44,246	1/4	58,685	1/4	73,140	1/4	87,597	1/4	102,054	1/4	116,511	1/4	130,968	1/4	145,425	1/4	159,882	1/4	174,339	1/4	188,796	1/4	202,718	1/4	
1/2	3,210	1/2	15,738	1/2	30,090	1/2	44,547	1/2	58,986	1/2	73,442	1/2	87,898	1/2	102,355	1/2	116,812	1/2	131,269	1/2	145,726	1/2	160,183	1/2	174,640	1/2	189,097	1/2	202,893	1/2	
3/4	3,444	3/4	16,025	3/4	30,391	3/4	44,848	3/4	59,287	3/4	73,743	3/4	88,200	3/4	102,657	3/4	117,113	3/4	131,570	3/4	146,027	3/4	160,484	3/4	174,941	3/4	189,398	3/4	203,069	3/4	
4	3,678	4	16,311	4	30,692	4	45,149	4	59,588	4	74,044	4	88,501	4	102,958	4	117,415	4	131,872	4	146,328	4	160,785	4	175,242	4	189,699	4	203,245	4	
1/4	3,917	1/4	16,602	1/4	30,993	1/4	45,450	1/4	59,889	1/4	74,345	1/4	88,802	1/4	103,259	1/4	117,716	1/4	132,173	1/4	146,630	1/4	161,087	1/4	175,544	1/4	190,000	1/4		1/4	
1/2	4,156	1/2	16,892	1/2	31,295	1/2	45,752	1/2	60,190	1/2	74,646	1/2	89,103	1/2	103,560	1/2	118,017	1/2	132,474	1/2	146,931	1/2	161,388	1/2	175,845	1/2	190,302	1/2		1/2	
3/4	4,395	3/4	17,183	3/4	31,596	3/4	46,053	3/4	60,491	3/4	74,947	3/4	89,404	3/4	103,861	3/4	118,318	3/4	132,775	3/4	147,232	3/4	161,689	3/4	176,146	3/4	190,603	3/4		3/4	
5	4,634	5	17,474	5	31,897	5	46,354	5	60,792	5	75,249	5	89,706	5	104,162	5	118,619	5	133,076	5	147,533	5	161,990	5	176,447	5	190,904	5		5	
1/4	4,878	1/4	17,769	1/4	32,198	1/4	46,655	1/4	61,093	1/4	75,550	1/4	90,007	1/4	104,464	1/4	118,921	1/4	133,377	1/4	147,834	1/4	162,291	1/4	176,748	1/4	191,205	1/4		1/4	
1/2	5,122	1/2	18,063	1/2	32,499	1/2	46,955	1/2	61,395	1/2	75,851	1/2	90,308	1/2	104,765	1/2	119,222	1/2	133,679	1/2	148,136	1/2	162,593	1/2	177,049	1/2	191,506	1/2		1/2	
3/4	5,366	3/4	18,358	3/4	32,801	3/4	47,256	3/4	61,696	3/4	76,152	3/4	90,609	3/4	105,066	3/4	119,523	3/4	133,980	3/4	148,437	3/4	162,894	3/4	177,351	3/4	191,808	3/4		3/4	
6	5,610	6	18,653	6	33,102	6	47,557	6	61,997	6	76,453	6	90,910	6	105,367	6	119,824	6	134,281	6	148,738	6	163,195	6	177,652	6	192,109	6		6	
1/4	5,858	1/4	18,952	1/4	33,403	1/4	47,858	1/4	62,298	1/4	76,755	1/4	91,211	1/4	105,668	1/4	120,125	1/4	134,582	1/4	149,039	1/4	163,496	1/4	177,953	1/4	192,410	1/4		1/4	
1/2	6,106	1/2	19,251	1/2	33,704	1/2	48,158	1/2	62,599	1/2	77,056	1/2	91,513	1/2	105,970	1/2	120,426	1/2	134,883	1/2	149,340	1/2	163,797	1/2	178,254	1/2	192,711	1/2		1/2	
3/4	6,355	3/4	19,550	3/4	34,005	3/4	48,459	3/4	62,900	3/4	77,357	3/4	91,814	3/4	106,271	3/4	120,728	3/4	135,185	3/4	149,642	3/4	164,098	3/4	178,555	3/4	193,012	3/4		3/4	
7	6,603	7	19,850	7	34,306	7	48,760	7	63,202	7	77,658	7	92,115	7	106,572	7	121,029	7	135,486	7	149,943	7	164,400	7	178,857	7	193,313	7		7	
1/4	6,856	1/4	20,151	1/4	34,608	1/4	49,060	1/4	63,503	1/4	77,959	1/4	92,416	1/4	106,873	1/4	121,330	1/4	135,787	1/4	150,244	1/4	164,701	1/4	179,158	1/4	193,615	1/4		1/4	
1/2	7,109	1/2	20,452	1/2	34,909	1/2	49,361	1/2	63,804	1/2	78,260	1/2	92,717	1/2	107,174	1/2	121,631	1/2	136,088	1/2	150,545	1/2	165,002	1/2	179,459	1/2	193,916	1/2		1/2	
3/4	7,362	3/4	20,753	3/4	35,210	3/4	49,662	3/4	64,105	3/4	78,562	3/4	93,019	3/4	107,475	3/4	121,932	3/4	136,389	3/4	150,846	3/4	165,303	3/4	179,760	3/4	194,217	3/4		3/4	
8	7,615	8	21,054	8	35,511	8	49,963	8	64,406	8	78,863	8	93,320	8	107,777	8	122,234	8	136,691	8	151,147	8	165,604	8	180,061	8	194,518	8		8	
1/4	7,872	1/4	21,355	1/4	35,812	1/4	50,263	1/4	64,707	1/4	79,164	1/4	93,621	1/4	108,078	1/4	122,535	1/4	136,992	1/4	151,449	1/4	165,906	1/4	180,362	1/4	194,819	1/4		1/4	
1/2	8,129	1/2	21,657	1/2	36,114	1/2	50,564	1/2	65,009	1/2	79,465	1/2	93,922	1/2	108,379	1/2	122,836	1/2	137,293	1/2	151,750	1/2	166,207	1/2	180,664	1/2	195,121	1/2		1/2	
3/4	8,386	3/4	21,958	3/4	36,415	3/4	50,865	3/4	65,310	3/4	79,766	3/4	94,223	3/4	108,680	3/4	123,137	3/4	137,594	3/4	152,051	3/4	166,508	3/4	180,965	3/4	195,422	3/4		3/4	
9	8,643	9	22,259	9	36,716	9	51,165	9	65,611	9	80,068	9	94,525	9	108,981	9	123,438	9	137,895	9	152,352	9	166,809	9	181,266	9	195,723	9		9	
1/4	8,904	1/4	22,560	1/4	37,017	1/4	51,466	1/4	65,912	1/4	80,369	1/4	94,826	1/4	109,283	1/4	123,740	1/4	138,196	1/4	152,653	1/4	167,110	1/4	181,567	1/4	196,024	1/4		1/4	
1/2	9,165	1/2	22,861	1/2	37,318	1/2	51,767	1/2	66,213	1/2	80,670	1/2	95,127	1/2	109,584	1/2	124,041	1/2	138,498	1/2	152,955	1/2	167,411	1/2	181,868	1/2	196,325	1/2		1/2	
3/4	9,427	3/4	23,163	3/4	37,620	3/4	52,068	3/4	66,515	3/4	80,971	3/4	95,428	3/4	109,885	3/4	124,342	3/4	138,799	3/4	153,256	3/4	167,713	3/4							



BARGE: HSM 3017

JEFFBOAT 16-2311

**1 PORT
INNAGE 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	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.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.
0	631	0	11,869	0	25,962	0	40,468	0	54,971	0	69,474	0	83,980	0	98,487	0	112,993	0	127,500	0	142,006	0	156,513	0	171,019	0	185,526	0	200,030	0	
1/4	742	1/4	12,144	1/4	26,264	1/4	40,771	1/4	55,273	1/4	69,776	1/4	84,283	1/4	98,789	1/4	113,296	1/4	127,802	1/4	142,308	1/4	156,815	1/4	171,321	1/4	185,828	1/4	200,331	1/4	
1/2	853	1/2	12,418	1/2	26,566	1/2	41,073	1/2	55,575	1/2	70,079	1/2	84,585	1/2	99,091	1/2	113,598	1/2	128,104	1/2	142,611	1/2	157,117	1/2	171,624	1/2	186,130	1/2	200,632	1/2	
3/4	964	3/4	12,693	3/4	26,869	3/4	41,375	3/4	55,877	3/4	70,381	3/4	84,887	3/4	99,394	3/4	113,900	3/4	128,406	3/4	142,913	3/4	157,419	3/4	171,926	3/4	186,432	3/4	200,933	3/4	
1	1,074	1	12,968	1	27,171	1	41,677	1	56,179	1	70,683	1	85,189	1	99,696	1	114,202	1	128,709	1	143,215	1	157,722	1	172,228	1	186,735	1	201,233	1	
1/4	1,265	1/4	13,247	1/4	27,473	1/4	41,980	1/4	56,481	1/4	70,985	1/4	85,491	1/4	99,998	1/4	114,504	1/4	129,011	1/4	143,517	1/4	158,024	1/4	172,530	1/4	187,037	1/4	201,510	1/4	
1/2	1,455	1/2	13,526	1/2	27,775	1/2	42,282	1/2	56,783	1/2	71,287	1/2	85,794	1/2	100,300	1/2	114,807	1/2	129,313	1/2	143,820	1/2	158,326	1/2	172,833	1/2	187,339	1/2	201,787	1/2	
3/4	1,646	3/4	13,805	3/4	28,077	3/4	42,584	3/4	57,085	3/4	71,590	3/4	86,096	3/4	100,602	3/4	115,109	3/4	129,615	3/4	144,122	3/4	158,628	3/4	173,135	3/4	187,641	3/4	202,064	3/4	
2	1,836	2	14,084	2	28,380	2	42,886	2	57,387	2	71,892	2	86,398	2	100,905	2	115,411	2	129,918	2	144,424	2	158,930	2	173,437	2	187,943	2	202,341	2	
1/4	2,065	1/4	14,367	1/4	28,682	1/4	43,188	1/4	57,689	1/4	72,194	1/4	86,700	1/4	101,207	1/4	115,713	1/4	130,220	1/4	144,726	1/4	159,233	1/4	173,739	1/4	188,246	1/4	202,568	1/4	
1/2	2,294	1/2	14,651	1/2	28,984	1/2	43,491	1/2	57,991	1/2	72,496	1/2	87,003	1/2	101,509	1/2	116,016	1/2	130,522	1/2	145,028	1/2	159,535	1/2	174,041	1/2	188,548	1/2	202,795	1/2	
3/4	2,523	3/4	14,934	3/4	29,286	3/4	43,793	3/4	58,293	3/4	72,798	3/4	87,305	3/4	101,811	3/4	116,318	3/4	130,824	3/4	145,331	3/4	159,837	3/4	174,344	3/4	188,850	3/4	203,021	3/4	
3	2,751	3	15,217	3	29,589	3	44,095	3	58,595	3	73,101	3	87,607	3	102,113	3	116,620	3	131,126	3	145,633	3	160,139	3	174,646	3	189,152	3	203,248	3	
1/4	2,986	1/4	15,505	1/4	29,891	1/4	44,397	1/4	58,897	1/4	73,403	1/4	87,909	1/4	102,416	1/4	116,922	1/4	131,429	1/4	145,935	1/4	160,442	1/4	174,948	1/4	189,455	1/4	203,424	1/4	
1/2	3,221	1/2	15,792	1/2	30,193	1/2	44,699	1/2	59,199	1/2	73,705	1/2	88,211	1/2	102,718	1/2	117,224	1/2	131,731	1/2	146,237	1/2	160,744	1/2	175,250	1/2	189,757	1/2	203,601	1/2	
3/4	3,456	3/4	16,079	3/4	30,495	3/4	45,002	3/4	59,501	3/4	74,007	3/4	88,514	3/4	103,020	3/4	117,527	3/4	132,033	3/4	146,540	3/4	161,046	3/4	175,552	3/4	190,059	3/4	203,777	3/4	
4	3,690	4	16,367	4	30,797	4	45,304	4	59,804	4	74,309	4	88,816	4	103,322	4	117,829	4	132,335	4	146,842	4	161,348	4	175,855	4	190,361	4	203,953	4	
1/4	3,930	1/4	16,659	1/4	31,100	1/4	45,606	1/4	60,106	1/4	74,612	1/4	89,118	1/4	103,625	1/4	118,131	1/4	132,638	1/4	147,144	1/4	161,650	1/4	176,157	1/4	190,663	1/4		1/4	
1/2	4,170	1/2	16,950	1/2	31,402	1/2	45,908	1/2	60,408	1/2	74,914	1/2	89,420	1/2	103,927	1/2	118,433	1/2	132,940	1/2	147,446	1/2	161,953	1/2	176,459	1/2	190,966	1/2		1/2	
3/4	4,410	3/4	17,242	3/4	31,704	3/4	46,211	3/4	60,710	3/4	75,216	3/4	89,723	3/4	104,229	3/4	118,735	3/4	133,242	3/4	147,748	3/4	162,255	3/4	176,761	3/4	191,268	3/4		3/4	
5	4,650	5	17,534	5	32,006	5	46,513	5	61,012	5	75,518	5	90,025	5	104,531	5	119,038	5	133,544	5	148,051	5	162,557	5	177,064	5	191,570	5		5	
1/4	4,895	1/4	17,829	1/4	32,309	1/4	46,815	1/4	61,315	1/4	75,821	1/4	90,327	1/4	104,833	1/4	119,340	1/4	133,846	1/4	148,353	1/4	162,859	1/4	177,366	1/4	191,872	1/4		1/4	
1/2	5,139	1/2	18,125	1/2	32,611	1/2	47,117	1/2	61,617	1/2	76,123	1/2	90,629	1/2	105,136	1/2	119,642	1/2	134,149	1/2	148,655	1/2	163,162	1/2	177,668	1/2	192,174	1/2		1/2	
3/4	5,384	3/4	18,421	3/4	32,913	3/4	47,419	3/4	61,919	3/4	76,425	3/4	90,931	3/4	105,438	3/4	119,944	3/4	134,451	3/4	148,957	3/4	163,464	3/4	177,970	3/4	192,477	3/4		3/4	
6	5,629	6	18,717	6	33,215	6	47,722	6	62,221	6	76,727	6	91,234	6	105,740	6	120,247	6	134,753	6	149,260	6	163,766	6	178,272	6	192,779	6		6	
1/4	5,878	1/4	19,017	1/4	33,517	1/4	48,024	1/4	62,523	1/4	77,029	1/4	91,536	1/4	106,042	1/4	120,549	1/4	135,055	1/4	149,562	1/4	164,068	1/4	178,575	1/4	193,081	1/4		1/4	
1/2	6,127	1/2	19,317	1/2	33,820	1/2	48,326	1/2	62,826	1/2	77,332	1/2	91,838	1/2	106,345	1/2	120,851	1/2	135,357	1/2	149,864	1/2	164,370	1/2	178,877	1/2	193,383	1/2		1/2	
3/4	6,377	3/4	19,617	3/4	34,122	3/4	48,628	3/4	63,128	3/4	77,634	3/4	92,140	3/4	106,647	3/4	121,153	3/4	135,660	3/4	150,166	3/4	164,673	3/4	179,179	3/4	193,686	3/4		3/4	
7	6,626	7	19,918	7	34,424	7	48,930	7	63,430	7	77,936	7	92,443	7	106,949	7	121,455	7	135,962	7	150,468	7	164,975	7	179,481	7	193,988	7		7	
1/4	6,880	1/4	20,220	1/4	34,726	1/4	49,233	1/4	63,732	1/4	78,238	1/4	92,745	1/4	107,251	1/4	121,758	1/4	136,264	1/4	150,771	1/4	165,277	1/4	179,784	1/4	194,290	1/4		1/4	
1/2	7,133	1/2	20,522	1/2	35,028	1/2	49,535	1/2	64,034	1/2	78,540	1/2	93,047	1/2	107,553	1/2	122,060	1/2	136,566	1/2	151,073	1/2	165,579	1/2	180,086	1/2	194,592	1/2		1/2	
3/4	7,387	3/4	20,824	3/4	35,331	3/4	49,837	3/4	64,337	3/4	78,843	3/4	93,349	3/4	107,856	3/4	122,362	3/4	136,869	3/4	151,375	3/4	165,882	3/4	180,388	3/4	194,894	3/4		3/4	
8	7,641	8	21,126	8	35,633	8	50,139	8	64,639	8	79,145	8	93,651	8	108,158	8	122,664	8	137,171	8	151,677	8	166,184	8	180,690	8	195,197	8		8	
1/4	7,899	1/4	21,429	1/4	35,935	1/4	50,441	1/4	64,941	1/4	79,447	1/4	93,954	1/4	108,460	1/4	122,967	1/4	137,473	1/4	151,979	1/4	166,486	1/4	180,992	1/4	195,499	1/4		1/4	
1/2	8,157	1/2	21,731	1/2	36,237	1/2	50,743	1/2	65,243	1/2	79,749	1/2	94,256	1/2	108,762	1/2	123,269	1/2	137,775	1/2	152,282	1/2	166,788	1/2	181,295	1/2	195,801	1/2		1/2	
3/4	8,415	3/4	22,033	3/4	36,540	3/4	51,045	3/4	65,545	3/4	80,052	3/4	94,558	3/4	109,065	3/4	123,571	3/4	138,077	3/4	152,584	3/4	167,090	3/4	181,597	3/4	196,103	3/4		3/4	
9	8,672	9	22,335	9	36,842	9	51,347	9	65,848	9	80,354	9	94,860	9	109,367	9	123,873	9	138,380	9	152,886	9	167,393	9	181,899	9	196,406	9		9	
1/4	8,935	1/4	22,638	1/4	37,144	1/4	51,649	1/4	66,150	1/4	80,656	1/4	95,162	1/4	109,669	1/4	124,175	1/4	138,682	1/4	153,188	1/4	167,695	1/4	182,201	1/4	196,708	1/4		1/4	
1/2	9,197	1/2	22,940	1/2	37,446	1/2	51,951	1/2	66,452	1/2	80,958	1/2	95,465	1/2	109,971	1/2	124,478	1/2	138,984	1/2	153,491	1/2	167,997	1/2	182,504	1/2	197,010	1/2		1/2	
3/4	9,459	3/4	23,242	3/4	37,748	3/4	52,253	3/4	66,754	3/4	81,260	3/4	95,767	3/4	110,273	3/4	124,780	3/4	139,286	3/4	153,793	3/4									