



# BARGE: HSM 3017

## 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	00-0/8	- 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 ULLAGE GAUGE OF 4'-00" ON 2 STBD, THE TRIM CORRECTED ULLAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 235'-06"

April 11, 2017



**BARGE: HSM 3017**  
JEFFBOAT 16-2311

**STBD SLOP**  
**ULLAGE TABLE**  
**8" HATCH**

CAPACITIES GIVEN IN GALLONS

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

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

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

DATE STRAPPED: 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.



**BARGE: HSM 3017**  
JEFFBOAT 16-2311

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

CAPACITIES GIVEN IN GALLONS

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

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

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

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**

**3 STBD**  
**ULLAGE TABLE**  
**MMC**

CAPACITIES GIVEN IN WHOLE GALLONS

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

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

IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.
0		0	194,533	0	183,918	0	173,301	0	162,684	0	152,068	0	137,435	0	122,117	0	106,798	0	91,482	0	76,169	0	60,887	0	45,583	0	30,315	0	14,999	0	
1/4	1/4	194,312	183,696	173,080	162,463	151,846	137,116	122,798	106,479	91,163	75,851	60,568	45,265	29,996	14,680																
1/2	1/2	194,091	183,475	172,859	162,242	151,625	136,797	121,478	106,160	90,844	75,532	60,250	44,947	29,677	14,361																
3/4	3/4	193,871	183,254	172,637	162,021	151,404	136,478	121,159	105,841	90,525	75,213	59,932	44,629	29,358	14,042																
1	1	193,649	183,033	172,416	161,800	151,183	136,158	120,840	105,522	90,206	74,894	59,613	44,311	29,039	13,723																
1/4	1/4	193,428	182,812	172,195	161,578	150,962	135,839	120,521	105,203	89,887	74,576	59,295	43,993	28,720	13,404																
1/2	1/2	193,207	182,591	171,974	161,357	150,741	135,520	120,202	104,884	89,568	74,257	58,977	43,675	28,401	13,085																
3/4	3/4	192,986	182,369	171,753	161,136	150,519	135,201	119,883	104,564	89,249	73,938	58,658	43,357	28,082	12,765																
2	2	192,765	182,148	171,532	160,915	150,200	134,882	119,564	104,245	88,930	73,619	58,340	43,039	27,763	12,446																
1/4	1/4	192,544	181,927	171,310	160,694	149,881	134,563	119,245	103,926	88,610	73,300	58,021	42,721	27,444	12,127																
1/2	1/2	192,323	181,706	171,089	160,472	149,562	134,244	118,925	103,607	88,291	72,982	57,703	42,403	27,125	11,808																
3/4	3/4	192,101	181,485	170,868	160,251	149,243	133,925	118,606	103,288	87,972	72,663	57,384	42,085	26,806	11,489																
3	3	191,880	181,263	170,647	160,030	148,924	133,605	118,287	102,969	87,653	72,344	57,065	41,767	26,487	11,170																
1/4	1/4	191,659	181,042	170,426	159,809	148,605	133,286	117,968	102,650	87,334	72,025	56,746	41,449	26,168	10,851																
1/2	1/2	191,438	180,821	170,204	159,588	148,285	132,967	117,649	102,331	87,015	71,707	56,427	41,131	25,849	10,532																
3/4	3/4	191,217	180,600	169,983	159,367	147,966	132,648	117,330	102,012	86,696	71,388	56,108	40,813	25,530	10,212																
4	4	190,995	180,379	169,762	159,145	147,647	132,329	117,011	101,693	86,377	71,069	55,789	40,495	25,211	9,893																
1/4	1/4	190,774	180,158	169,541	158,924	147,328	132,010	116,691	101,374	86,058	70,750	55,470	40,177	24,892	9,574																
1/2	1/2	190,553	179,936	169,320	158,703	147,009	131,691	116,372	101,055	85,739	70,432	55,151	39,859	24,573	9,255																
3/4	3/4	190,332	179,715	169,099	158,482	146,690	131,371	116,053	100,736	85,420	70,113	54,831	39,541	24,254	8,936																
5	5	190,111	179,494	168,877	158,261	146,371	131,052	115,734	100,416	85,101	69,795	54,512	39,223	23,935	8,617																
1/4	1/4	189,890	179,273	168,656	158,039	146,052	130,733	115,415	100,097	84,782	69,477	54,193	38,905	23,616	8,298																
1/2	1/2	189,668	179,052	168,435	157,818	145,732	130,414	115,096	99,778	84,462	69,158	53,874	38,587	23,297	7,979																
3/4	3/4	189,447	178,831	168,214	157,597	145,413	130,095	114,777	99,459	84,143	68,840	53,555	38,269	22,978	7,660																
6	6	189,226	178,609	167,993	157,376	145,094	129,776	114,458	99,140	83,824	68,522	53,236	37,951	22,658	7,342																
1/4	1/4	189,005	178,388	167,771	157,155	144,775	129,457	114,138	98,821	83,505	68,204	52,917	37,633	22,339	7,023																
1/2	1/2	188,784	178,167	167,550	156,934	144,456	129,138	113,819	98,502	83,186	67,886	52,598	37,315	22,020	6,705																
3/4	3/4	188,562	177,946	167,329	156,712	144,137	128,818	113,500	98,183	82,867	67,568	52,279	36,997	21,701	6,386																
7	7	188,341	177,725	167,108	155,491	143,818	128,499	113,181	97,864	82,548	67,250	51,960	36,679	21,382	6,068																
1/4	1/4	188,120	177,503	166,887	155,270	143,498	128,180	112,862	97,545	82,229	66,931	51,640	36,361	21,063	5,750																
1/2	1/2	187,899	177,282	166,666	155,049	143,179	127,861	112,543	97,226	81,910	66,613	51,321	36,043	20,744	5,432																
3/4	3/4	197,327	187,678	177,061	166,444	155,828	142,860	127,542	112,224	96,907	81,591	66,295	35,725	20,425	5,114																
8	8	197,239	187,457	176,840	166,223	155,606	142,541	127,223	111,904	96,587	81,272	65,977	35,407	20,105	4,797																
1/4	1/4	197,151	187,235	176,619	166,002	155,385	142,222	126,904	111,585	96,268	80,953	65,659	35,089	19,786	4,480																
1/2	1/2	197,063	187,014	176,398	165,781	155,164	141,903	126,585	111,266	95,949	80,634	65,341	34,771	19,467	4,162																
3/4	3/4	196,975	186,793	176,176	165,560	154,943	141,584	126,265	110,947	95,630	80,314	65,023	34,453	19,148	3,845																
9	9	196,834	186,572	175,955	165,338	154,722	141,265	125,946	110,628	95,311	79,995	64,705	34,135	18,829	3,529																
1/4	1/4	196,693	186,351	175,734	165,117	154,501	140,945	125,627	110,309	94,992	79,676	64,387	33,817	18,510	3,214																
1/2	1/2	196,551	186,129	175,513	164,896	154,279	140,626	125,308	109,990	94,673	79,357	64,069	33,499	18,191	2,898																
3/4	3/4	196,410	185,908	175,292	164,675	154,058	140,307	124,989	109,671	94,354	79,038	63,751	33,181	17,872	2,582																
10	10	196,216	185,687	175,070	164,454	153,837	139,988	124,670	109,351	94,035	78,719	63,433	32,863	17,552	2,303																
1/4	1/4	196,021	185,466	174,849	164,233	153,616	139,669	124,351	109,032	93,716	78,401	63,115	32,545	17,233	2,024																
1/2	1/2	195,827	185,245	174,628	164,011	153,395	139,350	124,031	108,713	93,397	78,082	62,797	32,227	16,914	1,744																
3/4	3/4	195,632	185,024	174,407	163,790	153,174	139,031	123,712	108,394	93,078	77,763	62,478	31,909	16,595	1,465																
11	11	195,413	184,802	174,186	163,569	152,952	138,711	123,393	108,075	92,759	77,444	62,160	31,590	16,276	1,265																
1/4	1/4	195,193	184,581	173,965	163,348	152,731	138,392	123,074	107,756	92,439	77,126	61,842	31,271	15,957	1,065																
1/2	1/2	194,973	184,360	173,743	163,127	152,510	138,073	122,755	107,437	92,120	76,807	61,523	30,953	15,638	865																
3/4	3/4	194,754	184,139	173,522	162,905	152,289	137,754	122,436																							



**BARGE: HSM 3017**  
**JEFFBOAT 16-2311**

**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 3/4"

IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	
0		0	194,814	0	184,201	0	173,587	0	162,973	0	152,359	0	137,709	0	122,371	0	107,033	0	91,695	0	76,357	0	61,019	0	45,681	0	30,346	0	15,011	0		
1/4	1/4	194,593	183,980	1/4	173,366	1/4	162,752	1/4	152,138	1/4	137,390	1/4	122,052	1/4	106,714	1/4	91,375	1/4	76,037	1/4	60,699	1/4	45,361	1/4	30,026	1/4	14,691	1/4				
1/2	1/2	194,373	183,759	1/2	173,145	1/2	162,531	1/2	151,916	1/2	137,070	1/2	121,732	1/2	106,394	1/2	91,056	1/2	75,718	1/2	60,379	1/2	45,042	1/2	29,707	1/2	14,372	1/2				
3/4	3/4	194,152	183,538	3/4	172,924	3/4	162,309	3/4	151,695	3/4	136,751	3/4	121,413	3/4	106,074	3/4	90,736	3/4	75,398	3/4	60,060	3/4	44,722	3/4	29,387	3/4	14,052	3/4				
1	1	193,931	183,317	1	172,703	1	162,088	1	151,474	1	136,431	1	121,093	1	105,755	1	90,417	1	75,079	1	59,740	1	44,403	1	29,068	1	13,733	1				
1/4	1/4	193,710	183,096	1/4	172,481	1/4	161,867	1/4	151,253	1/4	136,112	1/4	120,774	1/4	105,435	1/4	90,097	1/4	74,759	1/4	59,421	1/4	44,083	1/4	28,748	1/4	13,413	1/4				
1/2	1/2	193,489	182,875	1/2	172,260	1/2	161,646	1/2	151,032	1/2	135,792	1/2	120,454	1/2	105,116	1/2	89,778	1/2	74,439	1/2	59,101	1/2	43,764	1/2	28,429	1/2	13,094	1/2				
3/4	3/4	193,268	182,653	3/4	172,039	3/4	161,425	3/4	150,811	3/4	135,473	3/4	120,134	3/4	104,796	3/4	89,458	3/4	74,120	3/4	58,782	3/4	43,444	3/4	28,110	3/4	12,774	3/4				
2	2	193,047	182,432	2	171,818	2	161,204	2	150,491	2	135,153	2	119,815	2	104,477	2	89,139	2	73,800	2	58,462	2	43,125	2	27,790	2	12,455	2				
1/4	1/4	192,825	182,211	1/4	171,597	1/4	160,983	1/4	150,172	1/4	134,833	1/4	119,495	1/4	104,157	1/4	88,819	1/4	73,481	1/4	58,143	1/4	42,805	1/4	27,471	1/4	12,135	1/4				
1/2	1/2	192,604	181,990	1/2	171,376	1/2	160,762	1/2	149,852	1/2	134,514	1/2	119,176	1/2	103,838	1/2	88,499	1/2	73,161	1/2	57,823	1/2	42,486	1/2	27,151	1/2	11,816	1/2				
3/4	3/4	192,383	181,769	3/4	171,155	3/4	160,540	3/4	149,533	3/4	134,194	3/4	118,856	3/4	103,518	3/4	88,180	3/4	72,842	3/4	57,504	3/4	42,166	3/4	26,832	3/4	11,496	3/4				
3	3	192,162	181,548	3	170,934	3	160,319	3	149,213	3	133,875	3	118,537	3	103,199	3	87,860	3	72,522	3	57,184	3	41,847	3	26,513	3	11,176	3				
1/4	1/4	191,941	181,327	1/4	170,712	1/4	160,098	1/4	148,893	1/4	133,555	1/4	118,217	1/4	102,879	1/4	87,541	1/4	72,203	1/4	56,864	1/4	41,527	1/4	26,193	1/4	10,857	1/4				
1/2	1/2	191,720	181,106	1/2	170,491	1/2	159,877	1/2	148,574	1/2	133,236	1/2	117,898	1/2	102,559	1/2	87,221	1/2	71,883	1/2	56,545	1/2	41,208	1/2	25,874	1/2	10,537	1/2				
3/4	3/4	191,499	180,884	3/4	170,270	3/4	159,656	3/4	148,254	3/4	132,916	3/4	117,578	3/4	102,240	3/4	86,902	3/4	71,564	3/4	56,225	3/4	40,888	3/4	25,554	3/4	10,218	3/4				
4	4	191,277	180,663	4	170,049	4	159,435	4	147,935	4	132,597	4	117,259	4	101,920	4	86,582	4	71,244	4	55,906	4	40,569	4	25,235	4	9,898	4				
1/4	1/4	191,056	180,442	1/4	169,828	1/4	159,214	1/4	147,615	1/4	132,277	1/4	116,939	1/4	101,601	1/4	86,263	1/4	70,924	1/4	55,586	1/4	40,249	1/4	24,916	1/4	9,579	1/4				
1/2	1/2	190,835	180,221	1/2	169,607	1/2	158,993	1/2	147,296	1/2	131,958	1/2	116,619	1/2	101,281	1/2	85,943	1/2	70,605	1/2	55,267	1/2	39,930	1/2	24,596	1/2	9,259	1/2				
3/4	3/4	190,614	180,000	3/4	169,386	3/4	158,771	3/4	146,976	3/4	131,638	3/4	116,300	3/4	100,962	3/4	85,624	3/4	70,285	3/4	54,947	3/4	39,610	3/4	24,277	3/4	8,940	3/4				
5	5	190,393	179,779	5	169,165	5	158,550	5	146,657	5	131,318	5	115,980	5	100,642	5	85,304	5	69,966	5	54,628	5	39,291	5	23,957	5	8,620	5				
1/4	1/4	190,172	179,558	1/4	168,943	1/4	158,329	1/4	146,337	1/4	130,999	1/4	115,661	1/4	100,323	1/4	84,984	1/4	69,646	1/4	54,308	1/4	38,971	1/4	23,638	1/4	8,301	1/4				
1/2	1/2	189,951	179,336	1/2	168,722	1/2	158,108	1/2	146,018	1/2	130,679	1/2	115,341	1/2	100,003	1/2	84,665	1/2	69,327	1/2	53,989	1/2	38,652	1/2	23,318	1/2	7,982	1/2				
3/4	3/4	189,730	179,115	3/4	168,501	3/4	157,887	3/4	145,698	3/4	130,360	3/4	115,022	3/4	99,684	3/4	84,345	3/4	69,007	3/4	53,669	3/4	38,332	3/4	22,999	3/4	7,662	3/4				
6	6	189,508	178,894	6	168,280	6	157,666	6	145,378	6	130,040	6	114,702	6	99,364	6	84,026	6	68,688	6	53,349	6	38,013	6	22,680	6	7,343	6				
1/4	1/4	189,287	178,673	1/4	168,059	1/4	157,445	1/4	145,059	1/4	129,721	1/4	114,383	1/4	99,044	1/4	83,706	1/4	68,368	1/4	53,030	1/4	37,693	1/4	22,360	1/4	7,024	1/4				
1/2	1/2	189,066	178,452	1/2	167,838	1/2	157,224	1/2	144,739	1/2	129,401	1/2	114,063	1/2	98,725	1/2	83,387	1/2	68,049	1/2	52,710	1/2	37,374	1/2	22,041	1/2	6,706	1/2				
3/4	3/4	188,845	178,231	3/4	167,617	3/4	157,002	3/4	144,420	3/4	129,082	3/4	113,744	3/4	98,405	3/4	83,067	3/4	67,729	3/4	52,391	3/4	37,054	3/4	21,721	3/4	6,387	3/4				
7	7	188,624	178,010	7	167,395	7	156,781	7	144,100	7	128,762	7	113,424	7	98,086	7	82,748	7	67,409	7	52,071	7	36,735	7	21,402	7	6,068	7				
1/4	1/4	188,403	177,789	1/4	167,174	1/4	156,560	1/4	143,781	1/4	128,443	1/4	113,104	1/4	97,766	1/4	82,428	1/4	67,090	1/4	51,752	1/4	36,415	1/4	21,082	1/4	5,750	1/4				
1/2	1/2	188,182	177,567	1/2	166,953	1/2	156,339	1/2	143,461	1/2	128,123	1/2	112,785	1/2	97,447	1/2	82,109	1/2	66,770	1/2	51,432	1/2	36,096	1/2	20,763	1/2	5,432	1/2				
3/4	3/4	197,608	187,961	3/4	177,346	3/4	166,732	3/4	156,118	3/4	143,142	3/4	127,803	3/4	112,465	3/4	97,127	3/4	81,789	3/4	66,451	3/4	51,113	3/4	35,776	3/4	20,443	3/4	5,113	3/4		
8	8	197,520	187,739	8	177,125	8	166,511	8	155,897	8	142,822	8	127,484	8	112,146	8	96,808	8	81,469	8	66,131	8	50,793	8	35,457	8	20,124	8	4,796	8		
1/4	1/4	197,432	187,518	1/4	176,904	1/4	166,290	1/4	155,676	1/4	142,503	1/4	127,164	1/4	111,826	1/4	96,488	1/4	81,150	1/4	65,812	1/4	50,474	1/4	35,137	1/4	19,804	1/4	4,479	1/4		
1/2	1/2	197,344	187,297	1/2	176,683	1/2	166,069	1/2	155,454	1/2	142,183	1/2	126,845	1/2	111,507	1/2	96,169	1/2	80,830	1/2	65,492	1/2	50,154	1/2	34,818	1/2	19,485	1/2	4,161	1/2		
3/4	3/4	197,256	187,076	3/4	176,462	3/4	165,848	3/4	155,233	3/4	141,863	3/4	126,525	3/4	111,187	3/4	95,849	3/4	80,511	3/4	65,173	3/4	49,835	3/4	34,498	3/4	19,165	3/4	3,844	3/4		
9	9	197,115	186,855	9	176,241	9	165,626	9	155,012	9	141,544	9	126,206	9	110,868	9	95,529	9	80,191	9	64,853	9	49,515	9	34,179	9	18,846	9	3,528	9		
1/4	1/4	196,973	186,634	1/4	176,020	1/4	165,405	1/4	154,791	1/4	141,224	1/4	125,886	1/4	110,548	1/4	95,210	1/4	79,872	1/4	64,534	1/4	49,195	1/4	33,859	1/4	18,526	1/4	3,213	1/4		
1/2	1/2	196,832	186,413	1/2	175,798	1/2	165,184	1/2	154,570	1/2	140,905	1/2	125,567	1/2	110,229	1/2	94,890	1/2	79,552	1/2	64,214	1/2	48,876	1/2	33,540	1/2	18,206	1/2	2,897	1/2		
3/4	3/4	196,691	186,191	3/4	175,577	3/4	164,963	3/4	154,349	3/4	140,585	3/4	125,247	3/4	109,909	3/4	94,571	3/4	79,233	3/4	63,894	3/4	48,556	3/4	33,220	3/4	17,887	3/4	2,582	3/4		
10	10	196,496	1																													



**BARGE: HSM 3017**  
**JEFFBOAT 16-2311**

**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 3/4"

IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.		
0	0	0	215,019	0	199,636	0	184,251	0	168,867	0	153,482	0	138,097	0	122,713	0	107,328	0	91,943	0	76,559	0	61,177	0	45,804	0	30,441	0	15,057	0			
1/4	1/4	1/4	214,699	1/4	199,316	1/4	183,931	1/4	168,546	1/4	153,162	1/4	137,777	1/4	122,392	1/4	107,007	1/4	91,623	1/4	76,238	1/4	60,857	1/4	45,484	1/4	30,121	1/4	14,736	1/4			
1/2	1/2	1/2	214,379	1/2	198,995	1/2	183,610	1/2	168,226	1/2	152,841	1/2	137,456	1/2	122,072	1/2	106,687	1/2	91,302	1/2	75,918	1/2	60,536	1/2	45,164	1/2	29,800	1/2	14,416	1/2			
3/4	3/4	3/4	214,059	3/4	198,675	3/4	183,290	3/4	167,905	3/4	152,521	3/4	137,136	3/4	121,751	3/4	106,366	3/4	90,982	3/4	75,597	3/4	60,216	3/4	44,844	3/4	29,480	3/4	14,095	3/4			
1	1	1	213,739	1	198,354	1	182,969	1	167,585	1	152,200	1	136,815	1	121,431	1	106,046	1	90,661	1	75,277	1	59,895	1	44,524	1	29,159	1	13,775	1			
1/4	1/4	1/4	213,418	1/4	198,034	1/4	182,649	1/4	167,264	1/4	151,879	1/4	136,495	1/4	121,110	1/4	105,725	1/4	90,341	1/4	74,956	1/4	59,575	1/4	44,205	1/4	28,839	1/4	13,454	1/4			
1/2	1/2	1/2	213,098	1/2	197,713	1/2	182,328	1/2	166,944	1/2	151,559	1/2	136,174	1/2	120,790	1/2	105,405	1/2	90,020	1/2	74,636	1/2	59,254	1/2	43,885	1/2	28,518	1/2	13,133	1/2			
3/4	3/4	3/4	212,777	3/4	197,393	3/4	182,008	3/4	166,623	3/4	151,238	3/4	135,854	3/4	120,469	3/4	105,084	3/4	89,700	3/4	74,315	3/4	58,934	3/4	43,565	3/4	28,198	3/4	12,813	3/4			
2	2	2	212,457	2	197,072	2	181,687	2	166,303	2	150,918	2	135,533	2	120,149	2	104,764	2	89,379	2	73,995	2	58,614	2	43,245	2	27,877	2	12,492	2			
1/4	1/4	1/4	212,136	1/4	196,751	1/4	181,367	1/4	165,982	1/4	150,597	1/4	135,213	1/4	119,828	1/4	104,443	1/4	89,059	1/4	73,674	1/4	58,293	1/4	42,925	1/4	27,557	1/4	12,172	1/4			
1/2	1/2	1/2	211,816	1/2	196,431	1/2	181,046	1/2	165,662	1/2	150,277	1/2	134,892	1/2	119,508	1/2	104,123	1/2	88,738	1/2	73,354	1/2	57,973	1/2	42,605	1/2	27,236	1/2	11,851	1/2			
3/4	3/4	3/4	211,495	3/4	196,110	3/4	180,726	3/4	165,341	3/4	149,956	3/4	134,572	3/4	119,187	3/4	103,802	3/4	88,418	3/4	73,033	3/4	57,652	3/4	42,286	3/4	26,916	3/4	11,531	3/4			
3	3	3	211,175	3	195,790	3	180,405	3	165,021	3	149,636	3	134,251	3	118,866	3	103,482	3	88,097	3	72,713	3	57,332	3	41,966	3	26,595	3	11,210	3			
1/4	1/4	1/4	210,854	1/4	195,469	1/4	180,085	1/4	164,700	1/4	149,315	1/4	133,931	1/4	118,546	1/4	103,161	1/4	87,777	1/4	72,392	1/4	57,011	1/4	41,646	1/4	26,275	1/4	10,890	1/4			
1/2	1/2	1/2	210,534	1/2	195,149	1/2	179,764	1/2	164,380	1/2	148,995	1/2	133,610	1/2	118,225	1/2	102,841	1/2	87,456	1/2	72,072	1/2	56,691	1/2	41,326	1/2	25,954	1/2	10,569	1/2			
3/4	3/4	3/4	210,213	3/4	194,828	3/4	179,444	3/4	164,059	3/4	148,674	3/4	133,290	3/4	117,905	3/4	102,520	3/4	87,136	3/4	71,752	3/4	56,371	3/4	41,006	3/4	25,634	3/4	10,249	3/4			
4	4	4	209,893	4	194,508	4	179,123	4	163,739	4	148,354	4	132,969	4	117,584	4	102,200	4	86,815	4	71,431	4	56,050	4	40,686	4	25,313	4	9,928	4			
1/4	1/4	1/4	209,572	1/4	194,187	1/4	178,803	1/4	163,418	1/4	148,033	1/4	132,649	1/4	117,264	1/4	101,879	1/4	86,495	1/4	71,111	1/4	55,730	1/4	40,367	1/4	24,993	1/4	9,608	1/4			
1/2	1/2	1/2	209,252	1/2	193,867	1/2	178,482	1/2	163,097	1/2	147,713	1/2	132,328	1/2	116,943	1/2	101,559	1/2	86,174	1/2	70,790	1/2	55,409	1/2	40,047	1/2	24,672	1/2	9,287	1/2			
3/4	3/4	3/4	208,931	3/4	193,546	3/4	178,162	3/4	162,777	3/4	147,392	3/4	132,008	3/4	116,623	3/4	101,238	3/4	85,854	3/4	70,470	3/4	55,089	3/4	39,727	3/4	24,351	3/4	8,967	3/4			
5	5	5	208,611	5	193,226	5	177,841	5	162,456	5	147,072	5	131,687	5	116,302	5	100,918	5	85,533	5	70,149	5	54,769	5	39,407	5	24,031	5	8,647	5			
1/4	1/4	1/4	208,290	1/4	192,905	1/4	177,521	1/4	162,136	1/4	146,751	1/4	131,367	1/4	115,982	1/4	100,597	1/4	85,212	1/4	69,829	1/4	54,448	1/4	39,087	1/4	23,710	1/4	8,326	1/4			
1/2	1/2	1/2	207,969	1/2	192,585	1/2	177,200	1/2	161,815	1/2	146,431	1/2	131,046	1/2	115,661	1/2	100,277	1/2	84,892	1/2	69,508	1/2	54,128	1/2	38,767	1/2	23,390	1/2	8,006	1/2			
3/4	3/4	3/4	207,649	3/4	192,264	3/4	176,880	3/4	161,495	3/4	146,110	3/4	130,726	3/4	115,341	3/4	99,956	3/4	84,571	3/4	69,188	3/4	53,807	3/4	38,448	3/4	23,069	3/4	7,686	3/4			
6	6	6	207,328	6	191,944	6	176,559	6	161,174	6	145,790	6	130,405	6	115,020	6	99,636	6	84,251	6	68,867	6	53,487	6	38,128	6	22,749	6	7,366	6			
1/4	1/4	1/4	207,008	1/4	191,623	1/4	176,239	1/4	160,854	1/4	145,469	1/4	130,085	1/4	114,700	1/4	99,315	1/4	83,930	1/4	68,547	1/4	53,166	1/4	37,808	1/4	22,428	1/4	7,046	1/4			
1/2	1/2	1/2	206,687	1/2	191,303	1/2	175,918	1/2	160,533	1/2	145,149	1/2	129,764	1/2	114,379	1/2	98,995	1/2	83,610	1/2	68,227	1/2	52,846	1/2	37,488	1/2	22,108	1/2	6,726	1/2			
3/4	3/4	3/4	206,367	3/4	190,982	3/4	175,598	3/4	160,213	3/4	144,828	3/4	129,443	3/4	114,059	3/4	98,674	3/4	83,289	3/4	67,906	3/4	52,526	3/4	37,168	3/4	21,787	3/4	6,406	3/4			
7	7	7	206,046	7	190,662	7	175,277	7	159,892	7	144,508	7	129,123	7	113,738	7	98,354	7	82,969	7	67,586	7	52,205	7	36,848	7	21,467	7	6,087	7			
1/4	1/4	1/4	205,726	1/4	190,341	1/4	174,957	1/4	159,572	1/4	144,187	1/4	128,802	1/4	113,418	1/4	98,033	1/4	82,648	1/4	67,265	1/4	51,885	1/4	36,528	1/4	21,146	1/4	5,767	1/4			
1/2	1/2	1/2	205,405	1/2	190,021	1/2	174,636	1/2	159,251	1/2	143,867	1/2	128,482	1/2	113,097	1/2	97,713	1/2	82,328	1/2	66,945	1/2	51,565	1/2	36,208	1/2	20,826	1/2	5,448	1/2			
3/4	3/4	3/4	219,500	3/4	205,085	3/4	189,700	3/4	174,315	3/4	158,931	3/4	143,546	3/4	128,161	3/4	112,777	3/4	97,392	3/4	82,007	3/4	66,624	3/4	51,244	3/4	35,889	3/4	20,505	3/4	5,129	3/4	
8	8	8	219,313	8	204,764	8	189,380	8	173,995	8	158,610	8	143,226	8	127,841	8	112,456	8	97,072	8	81,687	8	66,304	8	50,924	8	35,568	8	20,185	8	4,811	8	
1/4	1/4	1/4	219,126	1/4	204,444	1/4	189,059	1/4	173,674	1/4	158,290	1/4	142,905	1/4	127,520	1/4	112,136	1/4	96,751	1/4	81,366	1/4	65,984	1/4	50,604	1/4	35,248	1/4	19,864	1/4	4,492	1/4	
1/2	1/2	1/2	218,939	1/2	204,123	1/2	188,739	1/2	173,354	1/2	157,969	1/2	142,585	1/2	127,200	1/2	111,815	1/2	96,430	1/2	81,046	1/2	65,663	1/2	50,283	1/2	34,928	1/2	19,544	1/2	4,174	1/2	
3/4	3/4	3/4	218,752	3/4	203,803	3/4	188,418	3/4	173,033	3/4	157,649	3/4	142,264	3/4	126,879	3/4	111,495	3/4	96,110	3/4	80,725	3/4	65,343	3/4	49,963	3/4	34,608	3/4	19,223	3/4	3,856	3/4	
9	9	9	218,511	9	203,482	9	188,098	9	172,713	9	157,328	9	141,944	9	126,559	9	111,174	9	95,789	9	80,405	9	65,022	9	49,643	9	34,287	9	18,903	9	3,539	9	
1/4	1/4	1/4	218,271	1/4	203,162	1/4	187,777	1/4	172,392	1/4	157,008	1/4	141,623	1/4	126,238	1/4	110,854	1/4	95,469	1/4	80,084	1/4	64,702	1/4	49,323	1/4	33,967	1/4	18,582	1/4	3,223	1/4	
1/2	1/2	1/2	218,031	1/2	202,841	1/2	187,457	1/2	172,072	1/2	156,687	1/2	141,303	1/2	125,918	1/2	110,533	1/2	95,148	1/2	79,764	1/2	64,381	1/2	49,003</								



**BARGE: HSM 3017**  
**JEFFBOAT 16-2311**

**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 3/4"

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	214,705	0	199,346	0	183,986	0	168,626	0	153,266	0	137,906	0	122,546	0	107,186	0	91,826	0	76,466	0	61,106	0	45,748	0	30,393	0	15,032	0		
1/4	1/4	214,385	1/4	199,026	1/4	183,666	1/4	168,306	1/4	152,946	1/4	137,586	1/4	122,226	1/4	106,866	1/4	91,506	1/4	76,146	1/4	60,786	1/4	45,428	1/4	30,073	1/4	14,712	1/4			
1/2	1/2	214,066	1/2	198,706	1/2	183,346	1/2	167,986	1/2	152,626	1/2	137,266	1/2	121,906	1/2	106,546	1/2	91,186	1/2	75,826	1/2	60,466	1/2	45,108	1/2	29,753	1/2	14,392	1/2			
3/4	3/4	213,746	3/4	198,386	3/4	183,026	3/4	167,666	3/4	152,306	3/4	136,946	3/4	121,586	3/4	106,226	3/4	90,866	3/4	75,506	3/4	60,146	3/4	44,788	3/4	29,433	3/4	14,072	3/4			
1	1	213,426	1	198,066	1	182,706	1	167,346	1	151,986	1	136,626	1	121,266	1	105,906	1	90,546	1	75,186	1	59,826	1	44,468	1	29,113	1	13,752	1			
1/4	1/4	213,106	1/4	197,746	1/4	182,386	1/4	167,026	1/4	151,666	1/4	136,306	1/4	120,946	1/4	105,586	1/4	90,226	1/4	74,866	1/4	59,506	1/4	44,148	1/4	28,793	1/4	13,432	1/4			
1/2	1/2	212,786	1/2	197,426	1/2	182,066	1/2	166,706	1/2	151,346	1/2	135,986	1/2	120,626	1/2	105,266	1/2	89,906	1/2	74,546	1/2	59,186	1/2	43,829	1/2	28,473	1/2	13,112	1/2			
3/4	3/4	212,466	3/4	197,106	3/4	181,746	3/4	166,386	3/4	151,026	3/4	135,666	3/4	120,306	3/4	104,946	3/4	89,586	3/4	74,226	3/4	58,866	3/4	43,509	3/4	28,153	3/4	12,792	3/4			
2	2	212,146	2	196,786	2	181,426	2	166,066	2	150,706	2	135,346	2	119,986	2	104,626	2	89,266	2	73,906	2	58,546	2	43,189	2	27,833	2	12,472	2			
1/4	1/4	211,826	1/4	196,466	1/4	181,106	1/4	165,746	1/4	150,386	1/4	135,026	1/4	119,666	1/4	104,306	1/4	88,946	1/4	73,586	1/4	58,226	1/4	42,869	1/4	27,513	1/4	12,152	1/4			
1/2	1/2	211,506	1/2	196,146	1/2	180,786	1/2	165,426	1/2	150,066	1/2	134,706	1/2	119,346	1/2	103,986	1/2	88,626	1/2	73,266	1/2	57,906	1/2	42,549	1/2	27,193	1/2	11,832	1/2			
3/4	3/4	211,186	3/4	195,826	3/4	180,466	3/4	165,106	3/4	149,746	3/4	134,386	3/4	119,026	3/4	103,666	3/4	88,306	3/4	72,946	3/4	57,586	3/4	42,230	3/4	26,873	3/4	11,512	3/4			
3	3	210,866	3	195,506	3	180,146	3	164,786	3	149,426	3	134,066	3	118,706	3	103,346	3	87,986	3	72,626	3	57,266	3	41,910	3	26,553	3	11,192	3			
1/4	1/4	210,546	1/4	195,186	1/4	179,826	1/4	164,466	1/4	149,106	1/4	133,746	1/4	118,386	1/4	103,026	1/4	87,666	1/4	72,306	1/4	56,946	1/4	41,590	1/4	26,233	1/4	10,872	1/4			
1/2	1/2	210,226	1/2	194,866	1/2	179,506	1/2	164,146	1/2	148,786	1/2	133,426	1/2	118,066	1/2	102,706	1/2	87,346	1/2	71,986	1/2	56,626	1/2	41,270	1/2	25,913	1/2	10,552	1/2			
3/4	3/4	209,906	3/4	194,546	3/4	179,186	3/4	163,826	3/4	148,466	3/4	133,106	3/4	117,746	3/4	102,386	3/4	87,026	3/4	71,666	3/4	56,306	3/4	40,950	3/4	25,593	3/4	10,232	3/4			
4	4	209,586	4	194,226	4	178,866	4	163,506	4	148,146	4	132,786	4	117,426	4	102,066	4	86,706	4	71,346	4	55,986	4	40,630	4	25,273	4	9,912	4			
1/4	1/4	209,266	1/4	193,906	1/4	178,546	1/4	163,186	1/4	147,826	1/4	132,466	1/4	117,106	1/4	101,746	1/4	86,386	1/4	71,026	1/4	55,666	1/4	40,311	1/4	24,953	1/4	9,592	1/4			
1/2	1/2	208,946	1/2	193,586	1/2	178,226	1/2	162,866	1/2	147,506	1/2	132,146	1/2	116,786	1/2	101,426	1/2	86,066	1/2	70,706	1/2	55,346	1/2	39,991	1/2	24,633	1/2	9,273	1/2			
3/4	3/4	208,626	3/4	193,266	3/4	177,906	3/4	162,546	3/4	147,186	3/4	131,826	3/4	116,466	3/4	101,106	3/4	85,746	3/4	70,386	3/4	55,026	3/4	39,671	3/4	24,313	3/4	8,953	3/4			
5	5	208,306	5	192,946	5	177,586	5	162,226	5	146,866	5	131,506	5	116,146	5	100,786	5	85,426	5	70,066	5	54,706	5	39,351	5	23,993	5	8,633	5			
1/4	1/4	207,986	1/4	192,626	1/4	177,266	1/4	161,906	1/4	146,546	1/4	131,186	1/4	115,826	1/4	100,466	1/4	85,106	1/4	69,746	1/4	54,386	1/4	39,031	1/4	23,673	1/4	8,313	1/4			
1/2	1/2	207,666	1/2	192,306	1/2	176,946	1/2	161,586	1/2	146,226	1/2	130,866	1/2	115,506	1/2	100,146	1/2	84,786	1/2	69,426	1/2	54,066	1/2	38,712	1/2	23,353	1/2	7,993	1/2			
3/4	3/4	207,346	3/4	191,986	3/4	176,626	3/4	161,266	3/4	145,906	3/4	130,546	3/4	115,186	3/4	99,826	3/4	84,466	3/4	69,106	3/4	53,746	3/4	38,392	3/4	23,033	3/4	7,673	3/4			
6	6	207,026	6	191,666	6	176,306	6	160,946	6	145,586	6	130,226	6	114,866	6	99,506	6	84,146	6	68,786	6	53,426	6	38,072	6	22,712	6	7,354	6			
1/4	1/4	206,706	1/4	191,346	1/4	175,986	1/4	160,626	1/4	145,266	1/4	129,906	1/4	114,546	1/4	99,186	1/4	83,826	1/4	68,466	1/4	53,106	1/4	37,752	1/4	22,392	1/4	7,035	1/4			
1/2	1/2	206,386	1/2	191,026	1/2	175,666	1/2	160,306	1/2	144,946	1/2	129,586	1/2	114,226	1/2	98,866	1/2	83,506	1/2	68,146	1/2	52,786	1/2	37,432	1/2	22,072	1/2	6,715	1/2			
3/4	3/4	206,066	3/4	190,706	3/4	175,346	3/4	159,986	3/4	144,626	3/4	129,266	3/4	113,906	3/4	98,546	3/4	83,186	3/4	67,826	3/4	52,466	3/4	37,113	3/4	21,752	3/4	6,396	3/4			
7	7	205,746	7	190,386	7	175,026	7	159,666	7	144,306	7	128,946	7	113,586	7	98,226	7	82,866	7	67,506	7	52,146	7	36,793	7	21,432	7	6,077	7			
1/4	1/4	205,426	1/4	190,066	1/4	174,706	1/4	159,346	1/4	143,986	1/4	128,626	1/4	113,266	1/4	97,906	1/4	82,546	1/4	67,186	1/4	51,826	1/4	36,473	1/4	21,112	1/4	5,758	1/4			
1/2	1/2	205,106	1/2	189,746	1/2	174,386	1/2	159,026	1/2	143,666	1/2	128,306	1/2	112,946	1/2	97,586	1/2	82,226	1/2	66,866	1/2	51,506	1/2	36,153	1/2	20,792	1/2	5,439	1/2			
3/4	3/4	219,178	3/4	204,786	3/4	189,426	3/4	174,066	3/4	158,706	3/4	143,346	3/4	127,986	3/4	112,626	3/4	97,266	3/4	81,906	3/4	66,546	3/4	51,186	3/4	35,833	3/4	20,472	3/4	5,121	3/4	
8	8	218,991	8	204,466	8	189,106	8	173,746	8	158,386	8	143,026	8	127,666	8	112,306	8	96,946	8	81,586	8	66,226	8	50,866	8	35,513	8	20,152	8	4,803	8	
1/4	1/4	218,805	1/4	204,146	1/4	188,786	1/4	173,426	1/4	158,066	1/4	142,706	1/4	127,346	1/4	111,986	1/4	96,626	1/4	81,266	1/4	65,906	1/4	50,546	1/4	35,193	1/4	19,832	1/4	4,485	1/4	
1/2	1/2	218,618	1/2	203,826	1/2	188,466	1/2	173,106	1/2	157,746	1/2	142,386	1/2	127,026	1/2	111,666	1/2	96,306	1/2	80,946	1/2	65,586	1/2	50,226	1/2	34,873	1/2	19,512	1/2	4,167	1/2	
3/4	3/4	218,431	3/4	203,506	3/4	188,146	3/4	172,786	3/4	157,426	3/4	142,066	3/4	126,706	3/4	111,346	3/4	95,986	3/4	80,626	3/4	65,266	3/4	49,906	3/4	34,553	3/4	19,192	3/4	3,850	3/4	
9	9	218,191	9	203,186	9	187,826	9	172,466	9	157,106	9	141,746	9	126,386	9	111,026	9	95,666	9	80,306	9	64,946	9	49,586	9	34,233	9	18,872	9	3,534	9	
1/4	1/4	217,951	1/4	202,866	1/4	187,506	1/4	172,146	1/4	156,786	1/4	141,426	1/4	126,066	1/4	110,706	1/4	95,346	1/4	79,986	1/4	64,626	1/4	49,266	1/4	33,913	1/4	18,552	1/4	3,218	1/4	
1/2	1/2	217,711	1/2	202,546	1/2	187,186	1/2	171,826	1/2	156,466	1/2	141,106	1/2	125,746	1/2	110,386	1/2	95,026	1/2	79,666	1/2	64,306	1/2	48,946	1/2	33,593	1/2	18,232	1/2	2,902	1/2	
3/4	3/4	217,471	3/4	202,226	3/4	186,866	3/4	171,506	3/4	156,146	3/4	140,786	3/4	125,426	3/4	110,066	3/4	94,706	3/4	79,346	3/4											



**BARGE: HSM 3017**  
**JEFFBOAT 16-2311**

**1 STBD**  
**ULLAGE TABLE**  
**MMC**

CAPACITIES GIVEN IN WHOLE GALLONS

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

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

IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	
0		0	198,433	0	183,977	0	169,520	0	155,063	0	140,606	0	126,149	0	111,692	0	97,235	0	82,778	0	68,322	0	53,872	0	39,427	0	24,970	0	11,019	0		
1/4	1/4	198,132	1/4	183,676	1/4	169,219	1/4	154,762	1/4	140,305	1/4	125,848	1/4	111,391	1/4	96,934	1/4	82,477	1/4	68,020	1/4	53,571	1/4	39,125	1/4	24,669	1/4	10,750	1/4			
1/2	1/2	197,831	1/2	183,374	1/2	168,917	1/2	154,460	1/2	140,004	1/2	125,547	1/2	111,090	1/2	96,633	1/2	82,176	1/2	67,719	1/2	53,270	1/2	38,824	1/2	24,367	1/2	10,484	1/2			
3/4	3/4	197,530	3/4	183,073	3/4	168,616	3/4	154,159	3/4	139,702	3/4	125,245	3/4	110,789	3/4	96,332	3/4	81,875	3/4	67,418	3/4	52,970	3/4	38,523	3/4	24,066	3/4	10,219	3/4			
1	1	197,229	1	182,772	1	168,315	1	153,858	1	139,401	1	124,944	1	110,487	1	96,030	1	81,574	1	67,117	1	52,669	1	38,222	1	23,765	1	9,953	1			
1/4	1/4	196,928	1/4	182,471	1/4	168,014	1/4	153,557	1/4	139,100	1/4	124,643	1/4	110,186	1/4	95,729	1/4	81,272	1/4	66,816	1/4	52,368	1/4	37,921	1/4	23,464	1/4	9,688	1/4			
1/2	1/2	196,627	1/2	182,170	1/2	167,713	1/2	153,256	1/2	138,799	1/2	124,342	1/2	109,885	1/2	95,428	1/2	80,971	1/2	66,515	1/2	52,068	1/2	37,620	1/2	23,163	1/2	9,427	1/2			
3/4	3/4	196,325	3/4	181,868	3/4	167,411	3/4	152,955	3/4	138,498	3/4	124,041	3/4	109,584	3/4	95,127	3/4	80,670	3/4	66,213	3/4	51,767	3/4	37,318	3/4	22,861	3/4	9,165	3/4			
2	2	196,024	2	181,567	2	167,110	2	152,653	2	138,196	2	123,740	2	109,283	2	94,826	2	80,369	2	65,912	2	51,466	2	37,017	2	22,560	2	8,904	2			
1/4	1/4	195,723	1/4	181,266	1/4	166,809	1/4	152,352	1/4	137,895	1/4	123,438	1/4	108,981	1/4	94,525	1/4	80,068	1/4	65,611	1/4	51,165	1/4	36,716	1/4	22,259	1/4	8,643	1/4			
1/2	1/2	195,422	1/2	180,965	1/2	166,508	1/2	152,051	1/2	137,594	1/2	123,137	1/2	108,680	1/2	94,223	1/2	79,766	1/2	65,310	1/2	50,865	1/2	36,415	1/2	21,958	1/2	8,386	1/2			
3/4	3/4	195,121	3/4	180,664	3/4	166,207	3/4	151,750	3/4	137,293	3/4	122,836	3/4	108,379	3/4	93,922	3/4	79,465	3/4	65,009	3/4	50,564	3/4	36,114	3/4	21,657	3/4	8,129	3/4			
3	3	194,819	3	180,362	3	165,906	3	151,449	3	136,992	3	122,535	3	108,078	3	93,621	3	79,164	3	64,707	3	50,263	3	35,812	3	21,355	3	7,872	3			
1/4	1/4	194,518	1/4	180,061	1/4	165,604	1/4	151,147	1/4	136,691	1/4	122,234	1/4	107,777	1/4	93,320	1/4	78,863	1/4	64,406	1/4	49,963	1/4	35,511	1/4	21,054	1/4	7,615	1/4			
1/2	1/2	194,217	1/2	179,760	1/2	165,303	1/2	150,846	1/2	136,389	1/2	121,932	1/2	107,475	1/2	93,019	1/2	78,562	1/2	64,105	1/2	49,662	1/2	35,210	1/2	20,753	1/2	7,362	1/2			
3/4	3/4	193,916	3/4	179,459	3/4	165,002	3/4	150,545	3/4	136,088	3/4	121,631	3/4	107,174	3/4	92,717	3/4	78,260	3/4	63,804	3/4	49,361	3/4	34,909	3/4	20,452	3/4	7,109	3/4			
4	4	193,615	4	179,158	4	164,701	4	150,244	4	135,787	4	121,330	4	106,873	4	92,416	4	77,959	4	63,503	4	49,060	4	34,608	4	20,151	4	6,856	4			
1/4	1/4	193,313	1/4	178,857	1/4	164,400	1/4	149,943	1/4	135,486	1/4	121,029	1/4	106,572	1/4	92,115	1/4	77,658	1/4	63,202	1/4	48,760	1/4	34,306	1/4	19,850	1/4	6,603	1/4			
1/2	1/2	193,012	1/2	178,555	1/2	164,098	1/2	149,642	1/2	135,185	1/2	120,728	1/2	106,271	1/2	91,814	1/2	77,357	1/2	62,900	1/2	48,459	1/2	34,005	1/2	19,550	1/2	6,355	1/2			
3/4	3/4	192,711	3/4	178,254	3/4	163,797	3/4	149,340	3/4	134,883	3/4	120,426	3/4	105,970	3/4	91,513	3/4	77,056	3/4	62,599	3/4	48,158	3/4	33,704	3/4	19,251	3/4	6,106	3/4			
5	5	192,410	5	177,953	5	163,496	5	149,039	5	134,582	5	120,125	5	105,668	5	91,211	5	76,755	5	62,298	5	47,858	5	33,403	5	18,952	5	5,858	5			
1/4	1/4	192,109	1/4	177,652	1/4	163,195	1/4	148,738	1/4	134,281	1/4	119,824	1/4	105,367	1/4	90,910	1/4	76,453	1/4	61,997	1/4	47,557	1/4	33,102	1/4	18,653	1/4	5,610	1/4			
1/2	1/2	191,808	1/2	177,351	1/2	162,894	1/2	148,437	1/2	133,980	1/2	119,523	1/2	105,066	1/2	90,609	1/2	76,152	1/2	61,696	1/2	47,256	1/2	32,801	1/2	18,358	1/2	5,366	1/2			
3/4	3/4	191,506	3/4	177,049	3/4	162,593	3/4	148,136	3/4	133,679	3/4	119,222	3/4	104,765	3/4	90,308	3/4	75,851	3/4	61,395	3/4	46,955	3/4	32,499	3/4	18,063	3/4	5,122	3/4			
6	6	191,205	6	176,748	6	162,291	6	147,834	6	133,377	6	118,921	6	104,464	6	90,007	6	75,550	6	61,093	6	46,655	6	32,198	6	17,769	6	4,878	6			
1/4	1/4	190,904	1/4	176,447	1/4	161,990	1/4	147,533	1/4	133,076	1/4	118,619	1/4	104,162	1/4	89,706	1/4	75,249	1/4	60,792	1/4	46,354	1/4	31,897	1/4	17,474	1/4	4,634	1/4			
1/2	1/2	190,603	1/2	176,146	1/2	161,689	1/2	147,232	1/2	132,775	1/2	118,318	1/2	103,861	1/2	89,404	1/2	74,947	1/2	60,491	1/2	46,053	1/2	31,596	1/2	17,183	1/2	4,395	1/2			
3/4	3/4	190,302	3/4	175,845	3/4	161,388	3/4	146,931	3/4	132,474	3/4	118,017	3/4	103,560	3/4	89,103	3/4	74,646	3/4	60,190	3/4	45,752	3/4	31,295	3/4	16,892	3/4	4,156	3/4			
7	7	190,000	7	175,544	7	161,087	7	146,630	7	132,173	7	117,716	7	103,259	7	88,802	7	74,345	7	59,889	7	45,450	7	30,993	7	16,602	7	3,917	7			
1/4	1/4	203,245	1/4	189,699	1/4	175,242	1/4	160,785	1/4	146,328	1/4	131,872	1/4	117,415	1/4	102,958	1/4	88,501	1/4	74,044	1/4	59,588	1/4	45,149	1/4	30,692	1/4	16,311	1/4	3,678	1/4	
1/2	1/2	203,069	1/2	189,398	1/2	174,941	1/2	160,484	1/2	146,027	1/2	131,570	1/2	117,113	1/2	102,657	1/2	88,200	1/2	73,743	1/2	59,287	1/2	44,848	1/2	30,391	1/2	16,025	1/2	3,444	1/2	
3/4	3/4	202,893	3/4	189,097	3/4	174,640	3/4	160,183	3/4	145,726	3/4	131,269	3/4	116,812	3/4	102,355	3/4	87,898	3/4	73,442	3/4	58,986	3/4	44,547	3/4	30,090	3/4	15,738	3/4	3,210	3/4	
8	8	202,718	8	188,796	8	174,339	8	159,882	8	145,425	8	130,968	8	116,511	8	102,054	8	87,597	8	73,140	8	58,685	8	44,246	8	29,789	8	15,452	8	2,976	8	
1/4	1/4	202,542	1/4	188,495	1/4	174,038	1/4	159,581	1/4	145,124	1/4	130,667	1/4	116,210	1/4	101,753	1/4	87,296	1/4	72,839	1/4	58,384	1/4	43,944	1/4	29,488	1/4	15,165	1/4	2,742	1/4	
1/2	1/2	202,316	1/2	188,193	1/2	173,736	1/2	159,279	1/2	144,823	1/2	130,366	1/2	115,909	1/2	101,452	1/2	86,995	1/2	72,538	1/2	58,083	1/2	43,643	1/2	29,186	1/2	14,883	1/2	2,514	1/2	
3/4	3/4	202,090	3/4	187,892	3/4	173,435	3/4	158,978	3/4	144,521	3/4	130,064	3/4	115,608	3/4	101,151	3/4	86,694	3/4	72,237	3/4	57,782	3/4	43,342	3/4	28,885	3/4	14,601	3/4	2,286	3/4	
9	9	201,864	9	187,591	9	173,134	9	158,677	9	144,220	9	129,763	9	115,306	9	100,849	9	86,392	9	71,936	9	57,481	9	43,041	9	28,584	9	14,318	9	2,058	9	
1/4	1/4	201,638	1/4	187,290	1/4	172,833	1/4	158,376	1/4	143,919	1/4	129,462	1/4	115,005	1/4	100,548	1/4	86,091	1/4	71,635	1/4	57,180	1/4	42,740	1/4	28,283	1/4	14,036	1/4	1,830	1/4	
1/2	1/2	201,362	1/2	186,989	1/2	172,532	1/2	158,075	1/2	143,618	1/2	129,161	1/2	114,704	1/2	100,247	1/2	85,790	1/2	71,333	1/2	56,879	1/2	42,438	1/2	27,982	1/2	13,758	1/2	1,640	1/2	
3/4	3/4	201,086	3/4	186,687	3/4	172,230	3/4	157,774	3/4	143,317	3/4	128,860	3/4	114,403	3/4	99,946	3/4	85,489	3/4	71,032	3											





**BARGE: HSM 3017**  
**JEFFBOAT 16-2311**

**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	199,276	0	184,770	0	170,264	0	155,757	0	141,251	0	126,744	0	112,238	0	97,731	0	83,225	0	68,719	0	54,216	0	39,713	0	25,206	0	11,192	0	
1/4	1/4	198,974	1/4	184,468	1/4	170,961	1/4	155,455	1/4	140,949	1/4	126,442	1/4	111,936	1/4	97,429	1/4	82,923	1/4	68,416	1/4	53,914	1/4	39,411	1/4	24,904	1/4	10,922	1/4		
1/2	1/2	198,672	1/2	184,166	1/2	169,659	1/2	155,153	1/2	140,646	1/2	126,140	1/2	111,633	1/2	97,127	1/2	82,620	1/2	68,114	1/2	53,612	1/2	39,108	1/2	24,602	1/2	10,653	1/2		
3/4	3/4	198,370	3/4	183,863	3/4	169,357	3/4	154,851	3/4	140,344	3/4	125,838	3/4	111,331	3/4	96,825	3/4	82,318	3/4	67,812	3/4	53,310	3/4	38,806	3/4	24,300	3/4	10,387	3/4		
1	1	198,068	1	183,561	1	169,055	1	154,548	1	140,042	1	125,535	1	111,029	1	96,522	1	82,016	1	67,510	1	53,008	1	38,504	1	23,998	1	10,121	1		
1/4	1/4	197,765	1/4	183,259	1/4	168,753	1/4	154,246	1/4	139,740	1/4	125,233	1/4	110,727	1/4	96,220	1/4	81,714	1/4	67,208	1/4	52,706	1/4	38,202	1/4	23,695	1/4	9,854	1/4		
1/2	1/2	197,463	1/2	182,957	1/2	168,450	1/2	153,944	1/2	139,437	1/2	124,931	1/2	110,424	1/2	95,918	1/2	81,412	1/2	66,905	1/2	52,404	1/2	37,900	1/2	23,393	1/2	9,590	1/2		
3/4	3/4	197,161	3/4	182,655	3/4	168,148	3/4	153,642	3/4	139,135	3/4	124,629	3/4	110,122	3/4	95,616	3/4	81,109	3/4	66,603	3/4	52,102	3/4	37,597	3/4	23,091	3/4	9,328	3/4		
2	2	196,859	2	182,352	2	167,846	2	153,339	2	138,833	2	124,327	2	109,820	2	95,314	2	80,807	2	66,301	2	51,800	2	37,295	2	22,789	2	9,066	2		
1/4	1/4	196,557	1/4	182,050	1/4	167,544	1/4	153,037	1/4	138,531	1/4	124,024	1/4	109,518	1/4	95,011	1/4	80,505	1/4	65,999	1/4	51,498	1/4	36,993	1/4	22,486	1/4	8,804	1/4		
1/2	1/2	196,254	1/2	181,748	1/2	167,241	1/2	152,735	1/2	138,229	1/2	123,722	1/2	109,216	1/2	94,709	1/2	80,203	1/2	65,697	1/2	51,196	1/2	36,691	1/2	22,184	1/2	8,544	1/2		
3/4	3/4	195,952	3/4	181,446	3/4	166,939	3/4	152,433	3/4	137,926	3/4	123,420	3/4	108,913	3/4	94,407	3/4	79,900	3/4	65,394	3/4	50,894	3/4	36,388	3/4	21,882	3/4	8,286	3/4		
3	3	195,650	3	181,144	3	166,637	3	152,131	3	137,624	3	123,118	3	108,611	3	94,105	3	79,598	3	65,092	3	50,592	3	36,086	3	21,580	3	8,028	3		
1/4	1/4	195,348	1/4	180,841	1/4	166,335	1/4	151,828	1/4	137,322	1/4	122,815	1/4	108,309	1/4	93,802	1/4	79,296	1/4	64,790	1/4	50,290	1/4	35,784	1/4	21,278	1/4	7,770	1/4		
1/2	1/2	195,046	1/2	180,539	1/2	166,033	1/2	151,526	1/2	137,020	1/2	122,513	1/2	108,007	1/2	93,500	1/2	78,994	1/2	64,488	1/2	49,988	1/2	35,482	1/2	20,975	1/2	7,514	1/2		
3/4	3/4	194,743	3/4	180,237	3/4	165,730	3/4	151,224	3/4	136,717	3/4	122,211	3/4	107,705	3/4	93,198	3/4	78,692	3/4	64,185	3/4	49,686	3/4	35,180	3/4	20,673	3/4	7,260	3/4		
4	4	194,441	4	179,935	4	165,428	4	150,922	4	136,415	4	121,909	4	107,402	4	92,896	4	78,389	4	63,883	4	49,384	4	34,877	4	20,371	4	7,007	4		
1/4	1/4	194,139	1/4	179,632	1/4	165,126	1/4	150,619	1/4	136,113	1/4	121,607	1/4	107,100	1/4	92,594	1/4	78,087	1/4	63,581	1/4	49,081	1/4	34,575	1/4	20,069	1/4	6,753	1/4		
1/2	1/2	193,837	1/2	179,330	1/2	164,824	1/2	150,317	1/2	135,811	1/2	121,304	1/2	106,798	1/2	92,291	1/2	77,785	1/2	63,279	1/2	48,779	1/2	34,273	1/2	19,768	1/2	6,501	1/2		
3/4	3/4	193,534	3/4	179,028	3/4	164,522	3/4	150,015	3/4	135,509	3/4	121,002	3/4	106,496	3/4	91,989	3/4	77,483	3/4	62,977	3/4	48,477	3/4	33,971	3/4	19,467	3/4	6,252	3/4		
5	5	193,232	5	178,726	5	164,219	5	149,713	5	135,206	5	120,700	5	106,193	5	91,687	5	77,180	5	62,674	5	48,175	5	33,669	5	19,167	5	6,003	5		
1/4	1/4	192,930	1/4	178,424	1/4	163,917	1/4	149,411	1/4	134,904	1/4	120,398	1/4	105,891	1/4	91,385	1/4	76,878	1/4	62,372	1/4	47,873	1/4	33,366	1/4	18,867	1/4	5,753	1/4		
1/2	1/2	192,628	1/2	178,121	1/2	163,615	1/2	149,108	1/2	134,602	1/2	120,095	1/2	105,589	1/2	91,083	1/2	76,576	1/2	62,070	1/2	47,571	1/2	33,064	1/2	18,569	1/2	5,506	1/2		
3/4	3/4	192,326	3/4	177,819	3/4	163,313	3/4	148,806	3/4	134,300	3/4	119,793	3/4	105,287	3/4	90,780	3/4	76,274	3/4	61,768	3/4	47,268	3/4	32,762	3/4	18,273	3/4	5,262	3/4		
6	6	192,023	6	177,517	6	163,010	6	148,504	6	133,997	6	119,491	6	104,985	6	90,478	6	75,972	6	61,466	6	46,966	6	32,460	6	17,977	6	5,017	6		
1/4	1/4	191,721	1/4	177,215	1/4	162,708	1/4	148,202	1/4	133,695	1/4	119,189	1/4	104,682	1/4	90,176	1/4	75,669	1/4	61,163	1/4	46,664	1/4	32,157	1/4	17,682	1/4	4,772	1/4		
1/2	1/2	191,419	1/2	176,912	1/2	162,406	1/2	147,900	1/2	133,393	1/2	118,887	1/2	104,380	1/2	89,874	1/2	75,367	1/2	60,861	1/2	46,362	1/2	31,855	1/2	17,388	1/2	4,530	1/2		
3/4	3/4	191,117	3/4	176,610	3/4	162,104	3/4	147,597	3/4	133,091	3/4	118,584	3/4	104,078	3/4	89,571	3/4	75,065	3/4	60,559	3/4	46,059	3/4	31,553	3/4	17,096	3/4	4,290	3/4		
7	7	190,814	7	176,308	7	161,802	7	147,295	7	132,789	7	118,282	7	103,776	7	89,269	7	74,763	7	60,257	7	45,757	7	31,251	7	16,804	7	4,050	7		
3/8	203,953	1/4	190,512	1/4	176,006	1/4	161,499	1/4	146,993	1/4	132,486	1/4	117,980	1/4	103,473	1/4	88,967	1/4	74,461	1/4	59,955	1/4	45,455	1/4	30,949	1/4	16,513	1/4	3,810	1/4	
1/2	203,865	1/2	190,210	1/2	175,704	1/2	161,197	1/2	146,691	1/2	132,184	1/2	117,678	1/2	103,171	1/2	88,665	1/2	74,158	1/2	59,653	1/2	45,153	1/2	30,646	1/2	16,223	1/2	3,573	1/2	
3/4	203,689	3/4	189,908	3/4	175,401	3/4	160,895	3/4	146,388	3/4	131,882	3/4	117,376	3/4	102,869	3/4	88,363	3/4	73,856	3/4	59,350	3/4	44,851	3/4	30,344	3/4	15,936	3/4	3,338	3/4	
8	203,512	8	189,606	8	175,099	8	160,593	8	146,086	8	131,580	8	117,073	8	102,567	8	88,060	8	73,554	8	59,048	8	44,548	8	30,042	8	15,648	8	3,104	8	
1/4	203,336	1/4	189,303	1/4	174,797	1/4	160,290	1/4	145,784	1/4	131,278	1/4	116,771	1/4	102,265	1/4	87,758	1/4	73,252	1/4	58,746	1/4	44,246	1/4	29,740	1/4	15,361	1/4	2,869	1/4	
1/2	203,135	1/2	189,001	1/2	174,495	1/2	159,988	1/2	145,482	1/2	130,975	1/2	116,469	1/2	101,962	1/2	87,456	1/2	72,950	1/2	58,444	1/2	43,944	1/2	29,437	1/2	15,075	1/2	2,637	1/2	
3/4	202,908	3/4	188,699	3/4	174,193	3/4	159,686	3/4	145,180	3/4	130,673	3/4	116,167	3/4	101,660	3/4	87,154	3/4	72,647	3/4	58,142	3/4	43,642	3/4	29,135	3/4	14,792	3/4	2,408	3/4	
9	202,681	9	188,397	9	173,890	9	159,384	9	144,877	9	130,371	9	115,864	9	101,358	9	86,851	9	72,345	9	57,840	9	43,339	9	28,833	9	14,509	9	2,179	9	
1/4	202,455	1/4	188,095	1/4	173,588	1/4	159,082	1/4	144,575	1/4	130,069	1/4	115,562	1/4	101,056	1/4	86,549	1/4	72,043	1/4	57,538	1/4	43,037	1/4	28,531	1/4	14,226	1/4	1,950	1/4	
1/2	202,203	1/2	187,792	1/2	173,286	1/2	158,779	1/2	144,273	1/2	129,766	1/2	115,260	1/2	100,754	1/2	86,247	1/2	71,741	1/2	57,236	1/2	42,735	1/2	28,229	1/2	13,945	1/2	1,741	1/2	
3/4	201,926	3/4	187,490	3/4	172,984	3/4	158,477	3/4	143,971	3/4	129,464	3/4	114,958	3/4	100,451	3/4	85,945	3/4	71,439	3/4	56,934	3/4	42,433	3/4	27,926	3/4	13,666	3/4			