



BARGE: MM 146

ULLAGE TRIM TABLE

	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	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
1 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
2 PORT	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8
2 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8
3 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
3 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 236'-00"

November 23, 2015



BARGE: MM 146
JEFFBOAT 14-2898

SLOP TANK STBD
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 6'-04 1/4"

IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.	IN	5 FT.	IN	5 FT.	IN	6 FT.
0		6	5,275	0	4,735	6	4,191	0	3,647	6	3,104	0	2,560	6	2,016	0	1,472	6	929	0	385
1/8		1/8	5,265	1/8	4,723	1/8	4,180	1/8	3,636	1/8	3,092	1/8	2,549	1/8	2,005	1/8	1,461	1/8	917	1/8	374
1/4		1/4	5,256	1/4	4,712	1/4	4,168	1/4	3,625	1/4	3,081	1/4	2,537	1/4	1,994	1/4	1,450	1/4	906	1/4	362
3/8		3/8	5,244	3/8	4,701	3/8	4,157	3/8	3,613	3/8	3,070	3/8	2,526	3/8	1,982	3/8	1,439	3/8	895	3/8	351
1/2		1/2	5,233	1/2	4,689	1/2	4,146	1/2	3,602	1/2	3,058	1/2	2,515	1/2	1,971	1/2	1,427	1/2	883	1/2	340
5/8		5/8	5,222	5/8	4,678	5/8	4,134	5/8	3,591	5/8	3,047	5/8	2,503	5/8	1,960	5/8	1,416	5/8	872	5/8	328
3/4		3/4	5,210	3/4	4,667	3/4	4,123	3/4	3,579	3/4	3,036	3/4	2,492	3/4	1,948	3/4	1,405	3/4	861	3/4	317
7/8		7/8	5,199	7/8	4,655	7/8	4,112	7/8	3,568	7/8	3,024	7/8	2,481	7/8	1,937	7/8	1,393	7/8	850	7/8	306
1		7	5,188	1	4,644	7	4,100	1	3,557	7	3,013	1	2,469	7	1,926	1	1,382	7	838	1	294
1/8		1/8	5,176	1/8	4,633	1/8	4,089	1/8	3,545	1/8	3,002	1/8	2,458	1/8	1,914	1/8	1,371	1/8	827	1/8	283
1/4		1/4	5,165	1/4	4,621	1/4	4,078	1/4	3,534	1/4	2,990	1/4	2,447	1/4	1,903	1/4	1,359	1/4	816	1/4	272
3/8		3/8	5,154	3/8	4,610	3/8	4,066	3/8	3,523	3/8	2,979	3/8	2,435	3/8	1,892	3/8	1,348	3/8	804	3/8	261
1/2		1/2	5,142	1/2	4,599	1/2	4,055	1/2	3,511	1/2	2,968	1/2	2,424	1/2	1,880	1/2	1,337	1/2	793	1/2	249
5/8		5/8	5,131	5/8	4,587	5/8	4,044	5/8	3,500	5/8	2,956	5/8	2,413	5/8	1,869	5/8	1,325	5/8	782	5/8	238
3/4		3/4	5,120	3/4	4,576	3/4	4,032	3/4	3,489	3/4	2,945	3/4	2,401	3/4	1,858	3/4	1,314	3/4	770	3/4	227
7/8		7/8	5,108	7/8	4,565	7/8	4,021	7/8	3,477	7/8	2,934	7/8	2,390	7/8	1,846	7/8	1,303	7/8	759	7/8	215
2		8	5,097	2	4,553	8	4,010	2	3,466	8	2,922	2	2,379	8	1,835	2	1,291	8	748	2	204
1/8		1/8	5,086	1/8	4,542	1/8	3,998	1/8	3,455	1/8	2,911	1/8	2,367	1/8	1,824	1/8	1,280	1/8	736	1/8	193
1/4		1/4	5,074	1/4	4,531	1/4	3,987	1/4	3,443	1/4	2,900	1/4	2,356	1/4	1,812	1/4	1,269	1/4	725	1/4	181
3/8		3/8	5,063	3/8	4,519	3/8	3,976	3/8	3,432	3/8	2,888	3/8	2,345	3/8	1,801	3/8	1,257	3/8	714	3/8	170
1/2		1/2	5,052	1/2	4,508	1/2	3,964	1/2	3,421	1/2	2,877	1/2	2,333	1/2	1,790	1/2	1,246	1/2	702	1/2	159
5/8		5/8	5,040	5/8	4,497	5/8	3,953	5/8	3,409	5/8	2,866	5/8	2,322	5/8	1,778	5/8	1,235	5/8	691	5/8	147
3/4		3/4	5,029	3/4	4,485	3/4	3,942	3/4	3,398	3/4	2,854	3/4	2,311	3/4	1,767	3/4	1,223	3/4	680	3/4	136
7/8		7/8	5,018	7/8	4,474	7/8	3,930	7/8	3,387	7/8	2,843	7/8	2,299	7/8	1,756	7/8	1,212	7/8	668	7/8	125
3		9	5,006	3	4,463	9	3,919	3	3,375	9	2,832	3	2,288	9	1,744	3	1,201	9	657	3	113
1/8		1/8	4,995	1/8	4,451	1/8	3,908	1/8	3,364	1/8	2,820	1/8	2,277	1/8	1,733	1/8	1,189	1/8	646	1/8	102
1/4		1/4	4,984	1/4	4,440	1/4	3,896	1/4	3,353	1/4	2,809	1/4	2,265	1/4	1,722	1/4	1,178	1/4	634	1/4	91
3/8		3/8	4,972	3/8	4,429	3/8	3,885	3/8	3,341	3/8	2,798	3/8	2,254	3/8	1,710	3/8	1,167	3/8	623	3/8	79
1/2		1/2	4,961	1/2	4,417	1/2	3,874	1/2	3,330	1/2	2,786	1/2	2,243	1/2	1,699	1/2	1,155	1/2	612	1/2	68
5/8		5/8	4,950	5/8	4,406	5/8	3,862	5/8	3,319	5/8	2,775	5/8	2,231	5/8	1,688	5/8	1,144	5/8	600	5/8	57
3/4		3/4	4,938	3/4	4,395	3/4	3,851	3/4	3,307	3/4	2,764	3/4	2,220	3/4	1,676	3/4	1,133	3/4	589	3/4	45
7/8		7/8	4,927	7/8	4,383	7/8	3,840	7/8	3,296	7/8	2,752	7/8	2,209	7/8	1,665	7/8	1,121	7/8	578	7/8	34
4		10	4,916	4	4,372	10	3,828	4	3,285	10	2,741	4	2,197	10	1,654	4	1,110	10	566	4	23
1/8		1/8	4,905	1/8	4,361	1/8	3,817	1/8	3,273	1/8	2,730	1/8	2,186	1/8	1,642	1/8	1,099	1/8	555	1/8	11
1/4		1/4	4,893	1/4	4,349	1/4	3,806	1/4	3,262	1/4	2,718	1/4	2,175	1/4	1,631	1/4	1,087	1/4	544	1/4	0
3/8		3/8	4,882	3/8	4,338	3/8	3,794	3/8	3,251	3/8	2,707	3/8	2,163	3/8	1,620	3/8	1,076	3/8	532	3/8	
1/2		1/2	4,871	1/2	4,327	1/2	3,783	1/2	3,239	1/2	2,696	1/2	2,152	1/2	1,608	1/2	1,065	1/2	521	1/2	
5/8		5/8	4,859	5/8	4,316	5/8	3,772	5/8	3,228	5/8	2,684	5/8	2,141	5/8	1,597	5/8	1,053	5/8	510	5/8	
3/4		3/4	4,848	3/4	4,304	3/4	3,760	3/4	3,217	3/4	2,673	3/4	2,129	3/4	1,586	3/4	1,042	3/4	498	3/4	
7/8		7/8	4,837	7/8	4,293	7/8	3,749	7/8	3,205	7/8	2,662	7/8	2,118	7/8	1,574	7/8	1,031	7/8	487	7/8	
5		11	4,825	5	4,282	11	3,738	5	3,194	11	2,650	5	2,107	11	1,563	5	1,019	11	476	5	
1/8		1/8	4,814	1/8	4,270	1/8	3,727	1/8	3,183	1/8	2,639	1/8	2,095	1/8	1,552	1/8	1,008	1/8	464	1/8	
1/4		1/4	4,803	1/4	4,259	1/4	3,715	1/4	3,172	1/4	2,628	1/4	2,084	1/4	1,540	1/4	997	1/4	453	1/4	
3/8		3/8	4,791	3/8	4,248	3/8	3,704	3/8	3,160	3/8	2,616	3/8	2,073	3/8	1,529	3/8	985	3/8	442	3/8	
1/2	5,313	1/2	4,780	1/2	4,236	1/2	3,693	1/2	3,149	1/2	2,605	1/2	2,061	1/2	1,518	1/2	974	1/2	430	1/2	
5/8	5,303	5/8	4,769	5/8	4,225	5/8	3,681	5/8	3,138	5/8	2,594	5/8	2,050	5/8	1,506	5/8	963	5/8	419	5/8	
3/4	5,294	3/4	4,757	3/4	4,214	3/4	3,670	3/4	3,126	3/4	2,583	3/4	2,039	3/4	1,495	3/4	951	3/4	408	3/4	
7/8	5,284	7/8	4,746	7/8	4,202	7/8	3,659	7/8	3,115	7/8	2,571	7/8	2,027	7/8	1,484	7/8	940	7/8	396	7/8	

NOTE: GAUGE POINT: TO TOP LIP OF 2" BALL VALVE.

DATE STRAPPED: 11/16/2015 BY: JMF
DATE COMPUTED: 11/21/2015 BY: CL
DATE ISSUED: 11/21/2015

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: MM 146
JEFFBOAT 14-2898

SLOP TANK PORT
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 6'-04 1/2"

IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.	IN	5 FT.	IN	5 FT.	IN	6 FT.
0		6	5,487	0	4,931	6	4,367	0	3,804	6	3,240	0	2,677	6	2,113	0	1,550	6	986	0	423
1/8		1/8	5,477	1/8	4,919	1/8	4,355	1/8	3,792	1/8	3,228	1/8	2,665	1/8	2,101	1/8	1,538	1/8	974	1/8	411
1/4		1/4	5,467	1/4	4,907	1/4	4,344	1/4	3,780	1/4	3,217	1/4	2,653	1/4	2,090	1/4	1,526	1/4	963	1/4	399
3/8		3/8	5,457	3/8	4,895	3/8	4,332	3/8	3,768	3/8	3,205	3/8	2,641	3/8	2,078	3/8	1,514	3/8	951	3/8	387
1/2		1/2	5,447	1/2	4,884	1/2	4,320	1/2	3,757	1/2	3,193	1/2	2,630	1/2	2,066	1/2	1,503	1/2	939	1/2	376
5/8		5/8	5,435	5/8	4,872	5/8	4,308	5/8	3,745	5/8	3,181	5/8	2,618	5/8	2,054	5/8	1,491	5/8	927	5/8	364
3/4		3/4	5,424	3/4	4,860	3/4	4,297	3/4	3,733	3/4	3,170	3/4	2,606	3/4	2,043	3/4	1,479	3/4	916	3/4	352
7/8		7/8	5,412	7/8	4,848	7/8	4,285	7/8	3,721	7/8	3,158	7/8	2,594	7/8	2,031	7/8	1,467	7/8	904	7/8	340
1		7	5,400	1	4,837	7	4,273	1	3,710	7	3,146	1	2,583	7	2,019	1	1,456	7	892	1	329
1/8		1/8	5,388	1/8	4,825	1/8	4,261	1/8	3,698	1/8	3,134	1/8	2,571	1/8	2,007	1/8	1,444	1/8	880	1/8	317
1/4		1/4	5,377	1/4	4,813	1/4	4,250	1/4	3,686	1/4	3,123	1/4	2,559	1/4	1,996	1/4	1,432	1/4	869	1/4	305
3/8		3/8	5,365	3/8	4,801	3/8	4,238	3/8	3,674	3/8	3,111	3/8	2,547	3/8	1,984	3/8	1,420	3/8	857	3/8	293
1/2		1/2	5,353	1/2	4,790	1/2	4,226	1/2	3,663	1/2	3,099	1/2	2,536	1/2	1,972	1/2	1,409	1/2	845	1/2	282
5/8		5/8	5,341	5/8	4,778	5/8	4,214	5/8	3,651	5/8	3,087	5/8	2,524	5/8	1,960	5/8	1,397	5/8	834	5/8	270
3/4		3/4	5,330	3/4	4,766	3/4	4,203	3/4	3,639	3/4	3,076	3/4	2,512	3/4	1,949	3/4	1,385	3/4	822	3/4	258
7/8		7/8	5,318	7/8	4,754	7/8	4,191	7/8	3,628	7/8	3,064	7/8	2,501	7/8	1,937	7/8	1,374	7/8	810	7/8	247
2		8	5,306	2	4,743	8	4,179	2	3,616	8	3,052	2	2,489	8	1,925	2	1,362	8	798	2	235
1/8		1/8	5,295	1/8	4,731	1/8	4,168	1/8	3,604	1/8	3,041	1/8	2,477	1/8	1,914	1/8	1,350	1/8	787	1/8	223
1/4		1/4	5,283	1/4	4,719	1/4	4,156	1/4	3,592	1/4	3,029	1/4	2,465	1/4	1,902	1/4	1,338	1/4	775	1/4	211
3/8		3/8	5,271	3/8	4,708	3/8	4,144	3/8	3,581	3/8	3,017	3/8	2,454	3/8	1,890	3/8	1,327	3/8	763	3/8	200
1/2		1/2	5,259	1/2	4,696	1/2	4,132	1/2	3,569	1/2	3,005	1/2	2,442	1/2	1,878	1/2	1,315	1/2	751	1/2	188
5/8		5/8	5,248	5/8	4,684	5/8	4,121	5/8	3,557	5/8	2,994	5/8	2,430	5/8	1,867	5/8	1,303	5/8	740	5/8	176
3/4		3/4	5,236	3/4	4,672	3/4	4,109	3/4	3,545	3/4	2,982	3/4	2,418	3/4	1,855	3/4	1,291	3/4	728	3/4	164
7/8		7/8	5,224	7/8	4,661	7/8	4,097	7/8	3,534	7/8	2,970	7/8	2,407	7/8	1,843	7/8	1,280	7/8	716	7/8	153
3		9	5,212	3	4,649	9	4,085	3	3,522	9	2,958	3	2,395	9	1,831	3	1,268	9	704	3	141
1/8		1/8	5,201	1/8	4,637	1/8	4,074	1/8	3,510	1/8	2,947	1/8	2,383	1/8	1,820	1/8	1,256	1/8	693	1/8	129
1/4		1/4	5,189	1/4	4,625	1/4	4,062	1/4	3,498	1/4	2,935	1/4	2,371	1/4	1,808	1/4	1,244	1/4	681	1/4	117
3/8		3/8	5,177	3/8	4,614	3/8	4,050	3/8	3,487	3/8	2,923	3/8	2,360	3/8	1,796	3/8	1,233	3/8	669	3/8	106
1/2		1/2	5,165	1/2	4,602	1/2	4,038	1/2	3,475	1/2	2,911	1/2	2,348	1/2	1,784	1/2	1,221	1/2	657	1/2	94
5/8		5/8	5,154	5/8	4,590	5/8	4,027	5/8	3,463	5/8	2,900	5/8	2,336	5/8	1,773	5/8	1,209	5/8	646	5/8	82
3/4		3/4	5,142	3/4	4,578	3/4	4,015	3/4	3,451	3/4	2,888	3/4	2,324	3/4	1,761	3/4	1,197	3/4	634	3/4	70
7/8		7/8	5,130	7/8	4,567	7/8	4,003	7/8	3,440	7/8	2,876	7/8	2,313	7/8	1,749	7/8	1,186	7/8	622	7/8	59
4		10	5,118	4	4,555	10	3,991	4	3,428	10	2,864	4	2,301	10	1,737	4	1,174	10	610	4	47
1/8		1/8	5,107	1/8	4,543	1/8	3,980	1/8	3,416	1/8	2,853	1/8	2,289	1/8	1,726	1/8	1,162	1/8	599	1/8	35
1/4		1/4	5,095	1/4	4,531	1/4	3,968	1/4	3,404	1/4	2,841	1/4	2,277	1/4	1,714	1/4	1,150	1/4	587	1/4	23
3/8		3/8	5,083	3/8	4,520	3/8	3,956	3/8	3,393	3/8	2,829	3/8	2,266	3/8	1,702	3/8	1,139	3/8	575	3/8	12
1/2		1/2	5,071	1/2	4,508	1/2	3,944	1/2	3,381	1/2	2,817	1/2	2,254	1/2	1,690	1/2	1,127	1/2	563	1/2	0
5/8		5/8	5,060	5/8	4,496	5/8	3,933	5/8	3,369	5/8	2,806	5/8	2,242	5/8	1,679	5/8	1,115	5/8	552	5/8	
3/4		3/4	5,048	3/4	4,484	3/4	3,921	3/4	3,357	3/4	2,794	3/4	2,231	3/4	1,667	3/4	1,104	3/4	540	3/4	
7/8		7/8	5,036	7/8	4,473	7/8	3,909	7/8	3,346	7/8	2,782	7/8	2,219	7/8	1,655	7/8	1,092	7/8	528	7/8	
5		11	5,025	5	4,461	11	3,898	5	3,334	11	2,771	5	2,207	11	1,644	5	1,080	11	517	5	
1/8		1/8	5,013	1/8	4,449	1/8	3,886	1/8	3,322	1/8	2,759	1/8	2,195	1/8	1,632	1/8	1,068	1/8	505	1/8	
1/4		1/4	5,001	1/4	4,438	1/4	3,874	1/4	3,311	1/4	2,747	1/4	2,184	1/4	1,620	1/4	1,057	1/4	493	1/4	
3/8		3/8	4,989	3/8	4,426	3/8	3,862	3/8	3,299	3/8	2,735	3/8	2,172	3/8	1,608	3/8	1,045	3/8	481	3/8	
1/2		1/2	4,978	1/2	4,414	1/2	3,851	1/2	3,287	1/2	2,724	1/2	2,160	1/2	1,597	1/2	1,033	1/2	470	1/2	
5/8		5/8	4,966	5/8	4,402	5/8	3,839	5/8	3,275	5/8	2,712	5/8	2,148	5/8	1,585	5/8	1,021	5/8	458	5/8	
3/4		3/4	5,506	3/4	4,954	3/4	4,391	3/4	3,827	3/4	3,264	3/4	2,700	3/4	1,573	3/4	1,010	3/4	446	3/4	
7/8		7/8	5,496	7/8	4,942	7/8	4,379	7/8	3,815	7/8	3,252	7/8	2,688	7/8	1,561	7/8	998	7/8	434	7/8	

NOTE: GAUGE POINT: TO TOP LIP OF 2" BALL VALVE.

DATE STRAPPED: 11/16/2015 BY: JMF
DATE COMPUTED: 11/21/2015 BY: CL
DATE ISSUED: 11/21/2015

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: MM 146
JEFFBOAT 14-2898

3 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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

REFERENCE GAUGE HEIGHT: 16'-01 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	4,482.14	0	4,241.44	0	4,000.66	0	3,759.33	0	3,517.27	0	3,201.05	0	2,851.01	0	2,500.95	0	2,150.90	0	1,800.84	0	1,450.79	0	1,100.73	0	750.74	0	400.76	0	52.56		
1/4	1/4	1/4	4,477.14	1/4	4,236.43	1/4	3,995.65	1/4	3,754.29	1/4	3,512.23	1/4	3,193.75	1/4	2,843.71	1/4	2,493.66	1/4	2,143.61	1/4	1,793.55	1/4	1,443.50	1/4	1,093.44	1/4	743.45	1/4	393.47	1/4	46.19		
1/2	1/2	1/2	4,472.14	1/2	4,231.41	1/2	3,990.63	1/2	3,749.24	1/2	3,507.19	1/2	3,186.46	1/2	2,836.42	1/2	2,486.37	1/2	2,136.31	1/2	1,786.26	1/2	1,436.20	1/2	1,086.15	1/2	736.16	1/2	386.17	1/2	39.81		
3/4	3/4	3/4	4,467.14	3/4	4,226.39	3/4	3,985.62	3/4	3,744.20	3/4	3,502.15	3/4	3,179.17	3/4	2,829.13	3/4	2,479.07	3/4	2,129.02	3/4	1,778.97	3/4	1,428.91	3/4	1,078.86	3/4	728.87	3/4	378.88	3/4	33.44		
1	1	1	4,462.13	1	4,221.38	1	3,980.60	1	3,739.16	1	3,497.10	1	3,171.88	1	2,821.84	1	2,471.78	1	2,121.73	1	1,771.67	1	1,421.62	1	1,071.56	1	721.58	1	371.59	1	28.88		
1/4	1/4	1/4	4,457.12	1/4	4,216.36	1/4	3,975.58	1/4	3,734.11	1/4	3,492.06	1/4	3,164.59	1/4	2,814.54	1/4	2,464.49	1/4	2,114.43	1/4	1,764.38	1/4	1,414.33	1/4	1,064.27	1/4	714.29	1/4	364.30	1/4	24.33		
1/2	1/2	1/2	4,452.11	1/2	4,211.34	1/2	3,970.57	1/2	3,729.07	1/2	3,487.02	1/2	3,157.30	1/2	2,807.25	1/2	2,457.20	1/2	2,107.14	1/2	1,757.09	1/2	1,407.03	1/2	1,056.98	1/2	707.00	1/2	357.00	1/2	19.77		
3/4	3/4	3/4	4,447.10	3/4	4,206.33	3/4	3,965.55	3/4	3,724.03	3/4	3,481.97	3/4	3,150.01	3/4	2,799.96	3/4	2,449.90	3/4	2,099.85	3/4	1,749.79	3/4	1,399.74	3/4	1,049.69	3/4	699.71	3/4	349.71	3/4	15.21		
2	2	2	4,442.08	2	4,201.31	2	3,960.53	2	3,718.99	2	3,476.93	2	3,142.72	2	2,792.66	2	2,442.61	2	2,092.56	2	1,742.50	2	1,392.45	2	1,042.39	2	692.42	2	342.42	2	11.11		
1/4	1/4	1/4	4,437.07	1/4	4,196.30	1/4	3,955.52	1/4	3,713.94	1/4	3,471.89	1/4	3,135.43	1/4	2,785.37	1/4	2,435.32	1/4	2,085.26	1/4	1,735.21	1/4	1,385.15	1/4	1,035.10	1/4	685.12	1/4	335.13	1/4	11.11		
1/2	1/2	1/2	4,432.05	1/2	4,191.28	1/2	3,950.50	1/2	3,708.90	1/2	3,466.85	1/2	3,128.13	1/2	2,778.08	1/2	2,428.02	1/2	2,077.97	1/2	1,727.92	1/2	1,377.86	1/2	1,027.81	1/2	677.83	1/2	327.83	1/2	11.11		
3/4	3/4	3/4	4,427.04	3/4	4,186.26	3/4	3,945.49	3/4	3,703.86	3/4	3,461.80	3/4	3,120.84	3/4	2,770.79	3/4	2,420.73	3/4	2,070.68	3/4	1,720.62	3/4	1,370.57	3/4	1,020.51	3/4	670.54	3/4	320.54	3/4	11.11		
3	3	3	4,422.03	3	4,181.25	3	3,940.47	3	3,698.81	3	3,456.76	3	3,113.55	3	2,763.49	3	2,413.44	3	2,063.38	3	1,713.33	3	1,363.28	3	1,013.22	3	663.25	3	313.25	3	11.11		
1/4	1/4	1/4	4,417.01	1/4	4,176.23	1/4	3,935.45	1/4	3,693.77	1/4	3,451.72	1/4	3,106.25	1/4	2,756.20	1/4	2,406.15	1/4	2,056.09	1/4	1,706.04	1/4	1,355.98	1/4	1,005.93	1/4	655.96	1/4	305.96	1/4	11.11		
1/2	1/2	1/2	4,411.99	1/2	4,171.22	1/2	3,930.44	1/2	3,688.73	1/2	3,446.67	1/2	3,098.96	1/2	2,748.91	1/2	2,398.85	1/2	2,048.80	1/2	1,698.74	1/2	1,348.69	1/2	998.64	1/2	648.67	1/2	298.66	1/2	11.11		
3/4	3/4	3/4	4,406.98	3/4	4,166.20	3/4	3,925.42	3/4	3,683.69	3/4	3,441.63	3/4	3,091.67	3/4	2,741.61	3/4	2,391.56	3/4	2,041.51	3/4	1,691.45	3/4	1,341.40	3/4	991.34	3/4	641.38	3/4	291.37	3/4	11.11		
4	4	4	4,401.96	4	4,161.18	4	3,920.41	4	3,678.64	4	3,434.34	4	3,084.38	4	2,734.32	4	2,384.27	4	2,034.21	4	1,684.16	4	1,334.10	4	984.05	4	634.09	4	284.08	4	11.11		
1/4	1/4	1/4	4,396.94	1/4	4,156.17	1/4	3,915.39	1/4	3,673.60	1/4	3,427.05	1/4	3,077.08	1/4	2,727.03	1/4	2,376.97	1/4	2,026.92	1/4	1,676.87	1/4	1,326.81	1/4	976.76	1/4	626.80	1/4	276.79	1/4	11.11		
1/2	1/2	1/2	4,391.93	1/2	4,151.15	1/2	3,910.37	1/2	3,668.56	1/2	3,419.76	1/2	3,069.79	1/2	2,719.74	1/2	2,369.68	1/2	2,019.63	1/2	1,669.57	1/2	1,319.52	1/2	969.47	1/2	619.50	1/2	269.50	1/2	11.11		
3/4	3/4	3/4	4,386.91	3/4	4,146.13	3/4	3,905.36	3/4	3,663.51	3/4	3,412.47	3/4	3,062.50	3/4	2,712.44	3/4	2,362.39	3/4	2,012.33	3/4	1,662.28	3/4	1,312.23	3/4	962.18	3/4	612.21	3/4	262.20	3/4	11.11		
5	5	5	4,381.90	5	4,141.12	5	3,900.34	5	3,658.47	5	3,405.18	5	3,055.21	5	2,705.15	5	2,355.10	5	2,005.04	5	1,654.99	5	1,304.93	5	954.89	5	604.92	5	254.91	5	11.11		
1/4	1/4	1/4	4,376.88	1/4	4,136.10	1/4	3,895.32	1/4	3,653.43	1/4	3,397.89	1/4	3,047.91	1/4	2,697.86	1/4	2,347.80	1/4	1,997.75	1/4	1,647.69	1/4	1,297.64	1/4	947.60	1/4	597.63	1/4	247.62	1/4	11.11		
1/2	1/2	1/2	4,371.86	1/2	4,131.09	1/2	3,890.31	1/2	3,648.39	1/2	3,390.60	1/2	3,040.62	1/2	2,690.57	1/2	2,340.51	1/2	1,990.46	1/2	1,640.40	1/2	1,290.35	1/2	940.31	1/2	590.34	1/2	240.33	1/2	11.11		
3/4	3/4	3/4	4,366.85	3/4	4,126.07	3/4	3,885.29	3/4	3,643.34	3/4	3,383.31	3/4	3,033.33	3/4	2,683.27	3/4	2,333.22	3/4	1,983.16	3/4	1,633.11	3/4	1,283.05	3/4	933.02	3/4	583.05	3/4	233.03	3/4	11.11		
6	6	6	4,361.83	6	4,121.05	6	3,880.28	6	3,638.30	6	3,376.02	6	3,026.03	6	2,675.98	6	2,325.93	6	1,975.87	6	1,625.82	6	1,275.76	6	925.72	6	575.76	6	225.74	6	11.11		
1/4	1/4	1/4	4,356.81	1/4	4,116.04	1/4	3,875.26	1/4	3,633.26	1/4	3,368.73	1/4	3,018.74	1/4	2,668.69	1/4	2,318.63	1/4	1,968.58	1/4	1,618.52	1/4	1,268.47	1/4	918.43	1/4	568.47	1/4	218.45	1/4	11.11		
5/8	4,580.34	1/2	4,351.80	1/2	4,111.02	1/2	3,870.24	1/2	3,628.22	1/2	3,361.44	1/2	3,011.45	1/2	2,661.39	1/2	2,311.34	1/2	1,961.29	1/2	1,611.23	1/2	1,261.18	1/2	911.14	1/2	561.18	1/2	211.16	1/2	11.11		
3/4	4,579.20	3/4	4,346.78	3/4	4,106.00	3/4	3,865.23	3/4	3,623.17	3/4	3,354.15	3/4	3,004.16	3/4	2,654.10	3/4	2,304.05	3/4	1,953.99	3/4	1,603.94	3/4	1,253.88	3/4	903.85	3/4	553.88	3/4	203.87	3/4	11.11		
7	7	7	4,575.70	7	4,341.77	7	4,100.99	7	3,860.18	7	3,618.13	7	3,346.86	7	2,996.86	7	2,646.81	7	2,296.75	7	1,946.70	7	1,596.65	7	1,246.59	7	896.56	7	546.59	7	196.59	7	11.11
1/4	4,572.20	1/4	4,336.75	1/4	4,095.97	1/4	3,855.14	1/4	3,613.09	1/4	3,339.56	1/4	2,989.57	1/4	2,639.52	1/4	2,289.46	1/4	1,939.41	1/4	1,589.35	1/4	1,239.30	1/4	889.27	1/4	539.30	1/4	189.30	1/4	11.11		
1/2	4,568.70	1/2	4,331.73	1/2	4,090.96	1/2	3,850.10	1/2	3,608.04	1/2	3,332.27	1/2	2,982.28	1/2	2,632.22	1/2	2,282.17	1/2	1,932.11	1/2	1,582.06	1/2	1,232.01	1/2	881.98	1/2	532.01	1/2	182.02	1/2	11.11		
3/4	4,565.21	3/4	4,326.72	3/4	4,085.94	3/4	3,845.06	3/4	3,603.00	3/4	3,324.98	3/4	2,974.98	3/4	2,624.93	3/4	2,274.88	3/4	1,924.82	3/4	1,574.77	3/4	1,224.71	3/4	874.69	3/4	524.72	3/4	174.73	3/4	11.11		
8	8	8	4,560.57	8	4,321.70	8	4,080.92	8	3,840.01	8	3,597.96	8	3,317.69	8	2,967.69	8	2,617.64	8	2,267.58	8	1,917.53	8	1,567.47	8	1,217.42	8	867.40	8	517.43	8	167.46	8	11.11
1/4	4,555.93	1/4	4,316.68	1/4	4,075.91	1/4	3,834.97	1/4	3,592.92	1/4	3,310.40	1/4	2,960.40	1/4	2,610.34	1/4	2,260.29	1/4	1,910.24	1/4	1,560.18	1/4	1,210.13	1/4	860.11	1/4	510.14	1/4	160.19	1/4	11.11		
1/2	4,551.30	1/2	4,311.67	1/2	4,070.89	1/2	3,829.93	1/2	3,587.87	1/2	3,303.11	1/2	2,953.11	1/2	2,603.05	1/2	2,253.00	1/2	1,902.94	1/2	1,552.89	1/2	1,202.83	1/2	852.82	1/2	502.85	1/2	152.91	1/2	11.11		
3/4	4,546.66	3/4	4,306.65	3/4	4,065.87	3/4	3,824.88	3/4	3,582.83	3/4	3,295.82	3/4	2,945.81	3/4	2,595.76	3/4	2,245.70	3/4	1,895.65	3/4	1,545.60	3/4	1,195.54	3/4	845.52	3/4	495.56	3/4	145.64	3/4	11.11		
9	9	9	4,541.73	9	4,301.64	9	4,060.86	9	3,819.84	9	3,577.79	9	3																				



BARGE: MM 146

JEFFBOAT 14-2898

3 PORT

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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

REFERENCE GAUGE HEIGHT: 16'-01 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	4,482.24	0	4,241.39	0	4,000.47	0	3,758.99	0	3,516.79	0	3,200.41	0	2,850.23	0	2,500.04	0	2,149.85	0	1,799.71	0	1,449.85	0	1,100.35	0	750.91	0	400.91	0	52.58
1/4	1/4	1/4	4,477.24	1/4	4,236.37	1/4	3,995.45	1/4	3,753.94	1/4	3,511.75	1/4	3,193.12	1/4	2,842.94	1/4	2,492.74	1/4	2,142.55	1/4	1,792.42	1/4	1,442.57	1/4	1,093.05	1/4	743.63	1/4	393.61	1/4	46.20
1/2	1/2	1/2	4,472.23	1/2	4,231.35	1/2	3,990.43	1/2	3,748.90	1/2	3,506.70	1/2	3,185.83	1/2	2,835.64	1/2	2,485.45	1/2	2,135.25	1/2	1,785.13	1/2	1,435.29	1/2	1,085.76	1/2	736.35	1/2	386.32	1/2	39.83
3/4	3/4	3/4	4,467.23	3/4	4,226.33	3/4	3,985.41	3/4	3,743.85	3/4	3,501.66	3/4	3,178.53	3/4	2,828.35	3/4	2,478.15	3/4	2,127.96	3/4	1,777.84	3/4	1,428.01	3/4	1,078.46	3/4	729.08	3/4	379.02	3/4	33.45
1	1	1	4,462.22	1	4,221.31	1	3,980.39	1	3,738.80	1	3,496.61	1	3,171.24	1	2,821.05	1	2,470.86	1	2,120.66	1	1,770.55	1	1,420.73	1	1,071.17	1	721.80	1	371.73	1	28.89
1/4	1/4	1/4	4,457.20	1/4	4,216.29	1/4	3,975.37	1/4	3,733.76	1/4	3,491.57	1/4	3,163.94	1/4	2,813.75	1/4	2,463.56	1/4	2,113.37	1/4	1,763.27	1/4	1,413.44	1/4	1,063.87	1/4	714.52	1/4	364.43	1/4	24.33
1/2	1/2	1/2	4,452.19	1/2	4,211.27	1/2	3,970.35	1/2	3,728.71	1/2	3,486.52	1/2	3,156.65	1/2	2,806.46	1/2	2,456.26	1/2	2,106.07	1/2	1,755.98	1/2	1,406.16	1/2	1,056.58	1/2	707.24	1/2	357.14	1/2	19.77
3/4	3/4	3/4	4,447.18	3/4	4,206.25	3/4	3,965.33	3/4	3,723.67	3/4	3,481.47	3/4	3,149.36	3/4	2,799.16	3/4	2,448.97	3/4	2,098.78	3/4	1,748.69	3/4	1,398.88	3/4	1,049.29	3/4	699.97	3/4	349.84	3/4	15.21
2	2	2	4,442.16	2	4,201.23	2	3,960.31	2	3,718.62	2	3,476.43	2	3,142.06	2	2,791.87	2	2,441.67	2	2,091.48	2	1,741.40	2	1,391.60	2	1,042.01	2	692.67	2	342.55	2	—
1/4	1/4	1/4	4,437.14	1/4	4,196.21	1/4	3,955.29	1/4	3,713.58	1/4	3,471.38	1/4	3,134.76	1/4	2,784.57	1/4	2,434.38	1/4	2,084.18	1/4	1,734.11	1/4	1,384.32	1/4	1,034.73	1/4	685.38	1/4	335.25	1/4	—
1/2	1/2	1/2	4,432.12	1/2	4,191.20	1/2	3,950.27	1/2	3,708.53	1/2	3,466.34	1/2	3,127.47	1/2	2,777.28	1/2	2,427.08	1/2	2,076.89	1/2	1,726.83	1/2	1,377.04	1/2	1,027.45	1/2	678.09	1/2	327.96	1/2	—
3/4	3/4	3/4	4,427.10	3/4	4,186.18	3/4	3,945.25	3/4	3,703.48	3/4	3,461.29	3/4	3,120.17	3/4	2,769.98	3/4	2,419.79	3/4	2,069.59	3/4	1,719.54	3/4	1,369.76	3/4	1,020.17	3/4	670.79	3/4	320.66	3/4	—
3	3	3	4,422.08	3	4,181.16	3	3,940.24	3	3,698.44	3	3,456.25	3	3,112.88	3	2,762.68	3	2,412.49	3	2,062.30	3	1,712.25	3	1,362.48	3	1,012.89	3	663.50	3	313.36	3	—
1/4	1/4	1/4	4,417.06	1/4	4,176.14	1/4	3,935.22	1/4	3,693.39	1/4	3,451.20	1/4	3,105.58	1/4	2,755.39	1/4	2,405.19	1/4	2,055.00	1/4	1,704.97	1/4	1,355.20	1/4	1,005.61	1/4	656.21	1/4	306.07	1/4	—
1/2	1/2	1/2	4,412.04	1/2	4,171.12	1/2	3,930.20	1/2	3,688.35	1/2	3,446.15	1/2	3,098.29	1/2	2,748.09	1/2	2,397.90	1/2	2,047.71	1/2	1,697.68	1/2	1,347.92	1/2	998.33	1/2	648.91	1/2	298.77	1/2	—
3/4	3/4	3/4	4,407.02	3/4	4,166.10	3/4	3,925.18	3/4	3,683.30	3/4	3,441.11	3/4	3,090.99	3/4	2,740.80	3/4	2,390.60	3/4	2,040.41	3/4	1,690.39	3/4	1,340.64	3/4	991.05	3/4	641.62	3/4	291.48	3/4	—
4	4	4	4,402.00	4	4,161.08	4	3,920.16	4	3,678.26	4	3,433.81	4	3,083.70	4	2,733.50	4	2,383.31	4	2,033.11	4	1,683.10	4	1,333.35	4	983.78	4	634.33	4	284.18	4	—
1/4	1/4	1/4	4,396.98	1/4	4,156.06	1/4	3,915.14	1/4	3,673.21	1/4	3,426.52	1/4	3,076.40	1/4	2,726.21	1/4	2,376.01	1/4	2,025.82	1/4	1,675.82	1/4	1,326.07	1/4	976.50	1/4	627.03	1/4	276.89	1/4	—
1/2	1/2	1/2	4,391.96	1/2	4,151.04	1/2	3,910.12	1/2	3,668.16	1/2	3,419.23	1/2	3,069.10	1/2	2,718.91	1/2	2,368.72	1/2	2,018.52	1/2	1,668.53	1/2	1,318.79	1/2	969.22	1/2	619.74	1/2	269.59	1/2	—
3/4	3/4	3/4	4,386.94	3/4	4,146.02	3/4	3,905.10	3/4	3,663.12	3/4	3,411.93	3/4	3,061.81	3/4	2,711.61	3/4	2,361.42	3/4	2,011.23	3/4	1,661.24	3/4	1,311.51	3/4	961.94	3/4	612.44	3/4	262.30	3/4	—
5	5	5	4,381.92	5	4,141.00	5	3,900.08	5	3,658.07	5	3,404.64	5	3,054.51	5	2,704.32	5	2,354.12	5	2,003.93	5	1,653.95	5	1,304.23	5	954.67	5	605.15	5	255.00	5	—
1/4	1/4	1/4	4,376.91	1/4	4,135.98	1/4	3,895.06	1/4	3,653.03	1/4	3,397.35	1/4	3,047.22	1/4	2,697.02	1/4	2,346.83	1/4	1,996.63	1/4	1,646.66	1/4	1,296.95	1/4	947.39	1/4	597.86	1/4	247.71	1/4	—
1/2	1/2	1/2	4,371.89	1/2	4,130.96	1/2	3,890.04	1/2	3,647.98	1/2	3,390.05	1/2	3,039.92	1/2	2,689.73	1/2	2,339.53	1/2	1,989.34	1/2	1,639.37	1/2	1,289.67	1/2	940.11	1/2	590.56	1/2	240.41	1/2	—
3/4	3/4	3/4	4,366.87	3/4	4,125.95	3/4	3,885.02	3/4	3,642.94	3/4	3,382.76	3/4	3,032.63	3/4	2,682.43	3/4	2,332.24	3/4	1,982.04	3/4	1,632.09	3/4	1,282.39	3/4	932.84	3/4	583.27	3/4	233.12	3/4	—
6	6	6	4,361.85	6	4,120.93	6	3,880.00	6	3,637.89	6	3,375.46	6	3,025.33	6	2,675.14	6	2,324.94	6	1,974.75	6	1,624.80	6	1,275.11	6	925.56	6	575.97	6	225.83	6	—
1/4	1/4	1/4	4,356.83	1/4	4,115.91	1/4	3,874.99	1/4	3,632.84	1/4	3,368.17	1/4	3,018.03	1/4	2,667.84	1/4	2,317.65	1/4	1,967.45	1/4	1,617.51	1/4	1,267.83	1/4	918.28	1/4	568.68	1/4	218.53	1/4	—
5/8	4,580.50	1/2	4,351.81	1/2	4,110.89	1/2	3,869.97	1/2	3,627.80	1/2	3,360.88	1/2	3,010.74	1/2	2,660.54	1/2	2,310.35	1/2	1,960.15	1/2	1,610.23	1/2	1,260.54	1/2	911.01	1/2	561.39	1/2	211.24	1/2	—
3/4	4,579.36	3/4	4,346.79	3/4	4,105.87	3/4	3,864.95	3/4	3,622.75	3/4	3,353.58	3/4	3,003.44	3/4	2,653.25	3/4	2,303.06	3/4	1,952.86	3/4	1,602.94	3/4	1,253.26	3/4	903.73	3/4	554.09	3/4	203.95	3/4	—
7	4,575.86	7	4,341.77	7	4,100.85	7	3,859.90	7	3,617.71	7	3,346.29	7	2,996.15	7	2,645.95	7	2,295.76	7	1,945.56	7	1,595.65	7	1,245.98	7	896.45	7	546.80	7	196.66	7	—
1/4	4,572.36	1/4	4,336.75	1/4	4,095.83	1/4	3,854.86	1/4	3,612.66	1/4	3,339.00	1/4	2,988.85	1/4	2,638.66	1/4	2,288.46	1/4	1,938.27	1/4	1,588.37	1/4	1,238.70	1/4	889.18	1/4	539.51	1/4	189.37	1/4	—
1/2	4,568.86	1/2	4,331.73	1/2	4,090.81	1/2	3,849.81	1/2	3,607.62	1/2	3,331.70	1/2	2,981.56	1/2	2,631.36	1/2	2,281.17	1/2	1,930.97	1/2	1,581.08	1/2	1,231.42	1/2	881.90	1/2	532.21	1/2	182.08	1/2	—
3/4	4,565.36	3/4	4,326.71	3/4	4,085.79	3/4	3,844.76	3/4	3,602.57	3/4	3,324.41	3/4	2,974.26	3/4	2,624.07	3/4	2,273.87	3/4	1,923.67	3/4	1,573.79	3/4	1,224.14	3/4	874.63	3/4	524.92	3/4	174.80	3/4	—
8	4,560.72	8	4,321.69	8	4,080.77	8	3,839.72	8	3,597.53	8	3,317.11	8	2,966.96	8	2,616.77	8	2,266.58	8	1,916.38	8	1,566.50	8	1,216.86	8	867.35	8	517.62	8	167.52	8	—
1/4	4,556.08	1/4	4,316.68	1/4	4,075.75	1/4	3,834.67	1/4	3,592.48	1/4	3,309.82	1/4	2,959.67	1/4	2,609.47	1/4	2,259.28	1/4	1,909.08	1/4	1,559.22	1/4	1,209.58	1/4	860.07	1/4	510.33	1/4	160.24	1/4	—
1/2	4,551.44	1/2	4,311.66	1/2	4,070.73	1/2	3,829.63	1/2	3,587.43	1/2	3,302.53	1/2	2,952.37	1/2	2,602.18	1/2	2,251.99	1/2	1,901.79	1/2	1,551.93	1/2	1,202.30	1/2	852.79	1/2	503.04	1/2	152.97	1/2	—
3/4	4,546.80	3/4	4,306.64	3/4	4,065.72	3/4	3,824.58	3/4	3,582.39	3/4	3,295.23	3/4	2,945.08	3/4	2,594.88	3/4	2,244.69	3/4	1,894.49	3/4	1,544.64	3/4	1,195.01	3/4	845.52	3/4	495.74	3/4	145.69	3/4	—
9	4,541.87	9	4,301.62	9	4,060.70	9	3,819.54	9	3,577.34	9	3,287.94	9	2,937.78	9	2,587.59	9	2,237.39	9	1,887.19	9	1,537.35	9	1,187.73	9	838.24	9	488.45	9	138.43	9	—
1/4																															



BARGE: MM 146
JEFFBOAT 14-2898

2 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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

REFERENCE GAUGE HEIGHT: 16'-01 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	4,960.91	0	4,611.35	0	4,261.72	0	3,911.53	0	3,560.62	0	3,209.71	0	2,858.72	0	2,507.72	0	2,156.71	0	1,805.71	0	1,454.70	0	1,103.70	0	752.80	0	401.83	0	52.70
1/4	1/4	1/4	4,953.64	1/4	4,604.07	1/4	4,254.44	1/4	3,904.22	1/4	3,553.31	1/4	3,202.40	1/4	2,851.41	1/4	2,500.40	1/4	2,149.40	1/4	1,798.39	1/4	1,447.39	1/4	1,096.39	1/4	745.49	1/4	394.52	1/4	46.31
1/2	1/2	1/2	4,946.38	1/2	4,596.78	1/2	4,247.15	1/2	3,896.91	1/2	3,546.00	1/2	3,195.09	1/2	2,844.10	1/2	2,493.09	1/2	2,142.09	1/2	1,791.08	1/2	1,440.08	1/2	1,089.07	1/2	738.17	1/2	387.20	1/2	39.92
3/4	3/4	3/4	4,939.11	3/4	4,589.50	3/4	4,239.87	3/4	3,889.60	3/4	3,538.69	3/4	3,187.78	3/4	2,836.78	3/4	2,485.78	3/4	2,134.77	3/4	1,783.77	3/4	1,432.76	3/4	1,081.76	3/4	730.86	3/4	379.89	3/4	33.53
1	1	1	4,931.83	1	4,582.22	1	4,232.58	1	3,882.29	1	3,531.38	1	3,180.47	1	2,829.47	1	2,478.47	1	2,127.46	1	1,776.46	1	1,425.45	1	1,074.45	1	723.55	1	372.58	1	28.96
1/4	1/4	1/4	4,924.55	1/4	4,574.93	1/4	4,225.30	1/4	3,874.98	1/4	3,524.07	1/4	3,173.16	1/4	2,822.16	1/4	2,471.15	1/4	2,120.15	1/4	1,769.14	1/4	1,418.14	1/4	1,067.14	1/4	716.24	1/4	365.27	1/4	24.39
1/2	1/2	1/2	4,917.27	1/2	4,567.65	1/2	4,218.02	1/2	3,867.67	1/2	3,516.76	1/2	3,165.85	1/2	2,814.85	1/2	2,463.84	1/2	2,112.84	1/2	1,761.83	1/2	1,410.83	1/2	1,059.83	1/2	708.93	1/2	357.96	1/2	19.82
3/4	3/4	3/4	4,909.99	3/4	4,560.36	3/4	4,210.73	3/4	3,860.36	3/4	3,509.45	3/4	3,158.54	3/4	2,807.53	3/4	2,456.53	3/4	2,105.52	3/4	1,754.52	3/4	1,403.51	3/4	1,052.52	3/4	701.61	3/4	350.64	3/4	15.25
2	2	2	4,902.71	2	4,553.08	2	4,203.45	2	3,853.04	2	3,502.14	2	3,151.23	2	2,800.22	2	2,449.22	2	2,098.21	2	1,747.21	2	1,396.20	2	1,045.21	2	694.30	2	343.33	2	
1/4	1/4	1/4	4,895.43	1/4	4,545.80	1/4	4,196.16	1/4	3,845.73	1/4	3,494.83	1/4	3,143.91	1/4	2,792.91	1/4	2,441.90	1/4	2,090.90	1/4	1,739.89	1/4	1,388.89	1/4	1,037.90	1/4	686.99	1/4	336.02	1/4	
1/2	1/2	1/2	4,888.14	1/2	4,538.51	1/2	4,188.88	1/2	3,838.42	1/2	3,487.51	1/2	3,136.60	1/2	2,785.60	1/2	2,434.59	1/2	2,083.59	1/2	1,732.58	1/2	1,381.58	1/2	1,030.59	1/2	679.68	1/2	328.71	1/2	
3/4	3/4	3/4	4,880.86	3/4	4,531.23	3/4	4,181.60	3/4	3,831.11	3/4	3,480.20	3/4	3,129.29	3/4	2,778.28	3/4	2,427.28	3/4	2,076.27	3/4	1,725.27	3/4	1,374.26	3/4	1,023.28	3/4	672.37	3/4	321.40	3/4	
3	3	3	4,873.58	3	4,523.94	3	4,174.31	3	3,823.80	3	3,472.89	3	3,121.97	3	2,770.97	3	2,419.97	3	2,068.96	3	1,717.96	3	1,366.95	3	1,015.97	3	665.06	3	314.08	3	
1/4	1/4	1/4	4,866.29	1/4	4,516.66	1/4	4,167.03	1/4	3,816.49	1/4	3,465.58	1/4	3,114.66	1/4	2,763.66	1/4	2,412.65	1/4	2,061.65	1/4	1,710.64	1/4	1,359.64	1/4	1,008.66	1/4	657.74	1/4	306.77	1/4	
1/2	1/2	1/2	4,859.01	1/2	4,509.38	1/2	4,159.74	1/2	3,809.18	1/2	3,458.27	1/2	3,107.35	1/2	2,756.34	1/2	2,405.34	1/2	2,054.34	1/2	1,703.33	1/2	1,352.33	1/2	1,001.35	1/2	650.43	1/2	299.46	1/2	
3/4	3/4	3/4	4,851.72	3/4	4,502.09	3/4	4,152.46	3/4	3,801.87	3/4	3,450.96	3/4	3,100.04	3/4	2,749.03	3/4	2,398.03	3/4	2,047.02	3/4	1,696.02	3/4	1,345.01	3/4	994.04	3/4	643.12	3/4	292.15	3/4	
4	4	4	4,844.44	4	4,494.81	4	4,145.18	4	3,794.56	4	3,443.65	4	3,092.72	4	2,741.72	4	2,390.71	4	2,039.71	4	1,688.71	4	1,337.70	4	986.73	4	635.81	4	284.84	4	
1/4	1/4	1/4	4,837.16	1/4	4,487.52	1/4	4,137.89	1/4	3,787.25	1/4	3,436.34	1/4	3,085.41	1/4	2,734.41	1/4	2,383.40	1/4	2,032.40	1/4	1,681.39	1/4	1,330.39	1/4	979.42	1/4	628.50	1/4	277.52	1/4	
1/2	1/2	1/2	4,829.87	1/2	4,480.24	1/2	4,130.61	1/2	3,779.94	1/2	3,429.03	1/2	3,078.10	1/2	2,727.09	1/2	2,376.09	1/2	2,025.08	1/2	1,674.08	1/2	1,323.08	1/2	972.11	1/2	621.18	1/2	270.21	1/2	
3/4	3/4	3/4	4,822.59	3/4	4,472.96	3/4	4,123.32	3/4	3,772.63	3/4	3,421.72	3/4	3,070.79	3/4	2,719.78	3/4	2,368.78	3/4	2,017.77	3/4	1,666.77	3/4	1,315.76	3/4	964.80	3/4	613.87	3/4	262.90	3/4	
5	5	5	4,815.30	5	4,465.67	5	4,116.04	5	3,765.32	5	3,414.41	5	3,063.47	5	2,712.47	5	2,361.46	5	2,010.46	5	1,659.45	5	1,308.45	5	957.49	5	606.56	5	255.59	5	
1/4	1/4	1/4	4,808.02	1/4	4,458.39	1/4	4,108.76	1/4	3,758.01	1/4	3,407.10	1/4	3,056.16	1/4	2,705.16	1/4	2,354.15	1/4	2,003.15	1/4	1,652.14	1/4	1,301.14	1/4	950.18	1/4	599.25	1/4	248.28	1/4	
1/2	1/2	1/2	4,800.74	1/2	4,451.10	1/2	4,101.47	1/2	3,750.70	1/2	3,399.79	1/2	3,048.85	1/2	2,697.84	1/2	2,346.84	1/2	1,995.83	1/2	1,644.83	1/2	1,293.82	1/2	942.87	1/2	591.94	1/2	240.97	1/2	
3/4	3/4	3/4	4,793.45	3/4	4,443.82	3/4	4,094.19	3/4	3,743.39	3/4	3,392.48	3/4	3,041.54	3/4	2,690.53	3/4	2,339.53	3/4	1,988.52	3/4	1,637.52	3/4	1,286.51	3/4	935.56	3/4	584.62	3/4	233.65	3/4	
6	6	6	4,786.17	6	4,436.54	6	4,086.90	6	3,736.08	6	3,385.17	6	3,034.22	6	2,683.22	6	2,332.21	6	1,981.21	6	1,630.20	6	1,279.20	6	928.25	6	577.31	6	226.34	6	
1/4	1/4	1/4	4,778.88	1/4	4,429.25	1/4	4,079.62	1/4	3,728.76	1/4	3,377.86	1/4	3,026.91	1/4	2,675.91	1/4	2,324.90	1/4	1,973.90	1/4	1,622.89	1/4	1,271.89	1/4	920.94	1/4	570.00	1/4	219.03	1/4	
5/8	5,107.85	1/2	4,771.60	1/2	4,421.97	1/2	4,072.34	1/2	3,721.45	1/2	3,370.55	1/2	3,019.60	1/2	2,668.59	1/2	2,317.59	1/2	1,966.58	1/2	1,615.58	1/2	1,264.57	1/2	913.63	1/2	562.69	1/2	211.72	1/2	
3/4	5,105.57	3/4	4,764.32	3/4	4,414.68	3/4	4,065.05	3/4	3,714.14	3/4	3,363.23	3/4	3,012.29	3/4	2,661.28	3/4	2,310.28	3/4	1,959.27	3/4	1,608.27	3/4	1,257.26	3/4	906.32	3/4	555.38	3/4	204.41	3/4	
7	5,099.81	7	4,757.03	7	4,407.40	7	4,057.74	7	3,706.83	7	3,355.92	7	3,004.97	7	2,653.97	7	2,302.96	7	1,951.96	7	1,600.95	7	1,249.95	7	899.01	7	548.07	7	197.11	7	
1/4	5,094.05	1/4	4,749.75	1/4	4,400.12	1/4	4,050.43	1/4	3,699.52	1/4	3,348.61	1/4	2,997.66	1/4	2,646.66	1/4	2,295.65	1/4	1,944.65	1/4	1,593.64	1/4	1,242.64	1/4	891.70	1/4	540.75	1/4	189.81	1/4	
1/2	5,088.29	1/2	4,742.46	1/2	4,392.83	1/2	4,043.12	1/2	3,692.21	1/2	3,341.30	1/2	2,990.35	1/2	2,639.34	1/2	2,288.34	1/2	1,937.33	1/2	1,586.33	1/2	1,235.32	1/2	884.39	1/2	533.44	1/2	182.50	1/2	
3/4	5,082.52	3/4	4,735.18	3/4	4,385.55	3/4	4,035.81	3/4	3,684.90	3/4	3,333.99	3/4	2,983.04	3/4	2,632.03	3/4	2,281.03	3/4	1,930.02	3/4	1,579.02	3/4	1,228.01	3/4	877.08	3/4	526.13	3/4	175.20	3/4	
8	5,075.62	8	4,727.90	8	4,378.26	8	4,028.50	8	3,677.59	8	3,326.68	8	2,975.72	8	2,624.72	8	2,273.71	8	1,922.71	8	1,571.70	8	1,220.70	8	869.77	8	518.82	8	167.90	8	
1/4	5,068.72	1/4	4,720.61	1/4	4,370.98	1/4	4,021.19	1/4	3,670.28	1/4	3,319.37	1/4	2,968.41	1/4	2,617.41	1/4	2,266.40	1/4	1,915.40	1/4	1,564.39	1/4	1,213.39	1/4	862.46	1/4	511.51	1/4	160.61	1/4	
1/2	5,061.82	1/2	4,713.33	1/2	4,363.70	1/2	4,013.88	1/2	3,662.97	1/2	3,312.06	1/2	2,961.10	1/2	2,610.09	1/2	2,259.09	1/2	1,908.08	1/2	1,557.08	1/2	1,206.07	1/2	855.15	1/2	504.19	1/2	153.32	1/2	
3/4	5,054.91	3/4	4,706.04	3/4	4,356.41	3/4	4,006.57	3/4	3,655.66	3/4	3,304.75	3/4	2,953.78	3/4	2,602.78	3/4	2,251.78	3/4	1,900.77	3/4	1,549.77	3/4	1,198.76	3/4	847.84	3/4	496.88	3/4	146.03	3/4	
9	5,047.72	9	4,698.76	9	4,349.13	9	3,999.26	9	3,648.35	9	3,297.44	9	2,946.47	9	2,595.47	9	2,244.46	9	1,893.46	9	1,542.45	9	1,191.45	9	840.53	9	489.57	9	138.75	9	
1/4																															



BARGE: MM 146
JEFFBOAT 14-2898

2 PORT
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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

REFERENCE GAUGE HEIGHT: 16'-01 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	0	4,946.38	0	4,596.67	0	4,246.91	0	3,896.55	0	3,545.54	0	3,194.52	0	2,843.40	0	2,492.28	0	2,141.15	0	1,790.03	0	1,439.12	0	1,088.72	0	738.42	0	387.33	0	39.93
1/4	1/4	1/4	4,939.11	1/4	4,589.38	1/4	4,239.63	1/4	3,889.24	1/4	3,538.22	1/4	3,187.20	1/4	2,836.09	1/4	2,484.96	1/4	2,133.84	1/4	1,782.71	1/4	1,431.82	1/4	1,081.42	1/4	731.10	1/4	380.02	1/4	33.54
1/2	1/2	1/2	4,931.83	1/2	4,582.09	1/2	4,232.34	1/2	3,881.93	1/2	3,530.91	1/2	3,179.89	1/2	2,828.77	1/2	2,477.65	1/2	2,126.52	1/2	1,775.40	1/2	1,424.52	1/2	1,074.12	1/2	723.79	1/2	372.70	1/2	28.97
3/4	3/4	3/4	4,924.55	3/4	4,574.81	3/4	4,225.05	3/4	3,874.62	3/4	3,523.60	3/4	3,172.58	3/4	2,821.46	3/4	2,470.33	3/4	2,119.21	3/4	1,768.08	3/4	1,417.22	3/4	1,066.82	3/4	716.47	3/4	365.39	3/4	24.40
1	1	1	4,917.27	1	4,567.52	1	4,217.77	1	3,867.30	1	3,516.28	1	3,165.26	1	2,814.14	1	2,463.02	1	2,111.89	1	1,760.77	1	1,409.92	1	1,059.52	1	709.16	1	358.07	1	19.82
1/4	1/4	1/4	4,909.99	1/4	4,560.23	1/4	4,210.48	1/4	3,859.99	1/4	3,508.97	1/4	3,157.95	1/4	2,806.83	1/4	2,455.70	1/4	2,104.58	1/4	1,753.46	1/4	1,402.62	1/4	1,052.22	1/4	701.85	1/4	350.76	1/4	15.25
1/2	1/2	1/2	4,902.70	1/2	4,552.95	1/2	4,203.20	1/2	3,852.68	1/2	3,501.66	1/2	3,150.64	1/2	2,799.51	1/2	2,448.39	1/2	2,097.26	1/2	1,746.14	1/2	1,395.32	1/2	1,044.93	1/2	694.53	1/2	343.44	1/2	
3/4	3/4	3/4	4,895.41	3/4	4,545.66	3/4	4,195.91	3/4	3,845.36	3/4	3,494.35	3/4	3,143.32	3/4	2,792.20	3/4	2,441.07	3/4	2,089.95	3/4	1,738.83	3/4	1,388.02	3/4	1,037.63	3/4	687.22	3/4	336.13	3/4	
2	2	2	4,888.13	2	4,538.37	2	4,188.62	2	3,838.05	2	3,487.03	2	3,136.01	2	2,784.88	2	2,433.76	2	2,082.63	2	1,731.52	2	1,380.72	2	1,030.33	2	679.90	2	328.82	2	
1/4	1/4	1/4	4,880.84	1/4	4,531.09	1/4	4,181.34	1/4	3,830.74	1/4	3,479.72	1/4	3,128.69	1/4	2,777.57	1/4	2,426.44	1/4	2,075.32	1/4	1,724.21	1/4	1,373.42	1/4	1,023.04	1/4	672.59	1/4	321.50	1/4	
1/2	1/2	1/2	4,873.55	1/2	4,523.80	1/2	4,174.05	1/2	3,823.43	1/2	3,472.41	1/2	3,121.38	1/2	2,770.25	1/2	2,419.13	1/2	2,068.00	1/2	1,716.90	1/2	1,366.12	1/2	1,015.74	1/2	665.27	1/2	314.19	1/2	
3/4	3/4	3/4	4,866.27	3/4	4,516.51	3/4	4,166.76	3/4	3,816.11	3/4	3,465.09	3/4	3,114.06	3/4	2,762.94	3/4	2,411.81	3/4	2,060.69	3/4	1,709.59	3/4	1,358.82	3/4	1,008.44	3/4	657.96	3/4	306.87	3/4	
3	3	3	4,858.98	3	4,509.23	3	4,159.48	3	3,808.80	3	3,457.78	3	3,106.75	3	2,755.62	3	2,404.50	3	2,053.37	3	1,702.28	3	1,351.52	3	1,001.15	3	650.65	3	299.56	3	
1/4	1/4	1/4	4,851.69	1/4	4,501.94	1/4	4,152.19	1/4	3,801.49	1/4	3,450.47	1/4	3,099.43	1/4	2,748.31	1/4	2,397.18	1/4	2,046.06	1/4	1,694.97	1/4	1,344.22	1/4	993.85	1/4	643.33	1/4	292.24	1/4	
1/2	1/2	1/2	4,844.41	1/2	4,494.66	1/2	4,144.90	1/2	3,794.17	1/2	3,443.16	1/2	3,092.12	1/2	2,740.99	1/2	2,389.87	1/2	2,038.74	1/2	1,687.66	1/2	1,336.92	1/2	986.55	1/2	636.02	1/2	284.93	1/2	
3/4	3/4	3/4	4,837.12	3/4	4,487.37	3/4	4,137.62	3/4	3,786.86	3/4	3,435.84	3/4	3,084.80	3/4	2,733.68	3/4	2,382.55	3/4	2,031.43	3/4	1,680.34	3/4	1,329.62	3/4	979.26	3/4	628.70	3/4	277.62	3/4	
4	4	4	4,829.83	4	4,480.08	4	4,130.33	4	3,779.55	4	3,428.53	4	3,077.49	4	2,726.36	4	2,375.24	4	2,024.11	4	1,673.03	4	1,322.32	4	971.96	4	621.39	4	270.30	4	
1/4	1/4	1/4	4,822.55	1/4	4,472.80	1/4	4,123.04	1/4	3,772.24	1/4	3,421.22	1/4	3,070.17	1/4	2,719.05	1/4	2,367.92	1/4	2,016.80	1/4	1,665.71	1/4	1,315.02	1/4	964.66	1/4	614.07	1/4	262.99	1/4	
1/2	1/2	1/2	4,815.26	1/2	4,465.51	1/2	4,115.76	1/2	3,764.92	1/2	3,413.90	1/2	3,062.86	1/2	2,711.73	1/2	2,360.61	1/2	2,009.48	1/2	1,658.40	1/2	1,307.72	1/2	957.37	1/2	606.76	1/2	255.67	1/2	
3/4	3/4	3/4	4,807.97	3/4	4,458.22	3/4	4,108.47	3/4	3,757.61	3/4	3,406.59	3/4	3,055.54	3/4	2,704.42	3/4	2,353.29	3/4	2,002.17	3/4	1,651.09	3/4	1,300.42	3/4	950.07	3/4	599.45	3/4	248.36	3/4	
5	5	5	4,800.69	5	4,450.94	5	4,101.18	5	3,750.30	5	3,399.28	5	3,048.23	5	2,697.10	5	2,345.98	5	1,994.85	5	1,643.77	5	1,293.12	5	942.77	5	592.13	5	241.04	5	
1/4	1/4	1/4	4,793.40	1/4	4,443.65	1/4	4,093.90	1/4	3,742.98	1/4	3,391.96	1/4	3,040.91	1/4	2,689.79	1/4	2,338.66	1/4	1,987.54	1/4	1,636.46	1/4	1,285.82	1/4	935.48	1/4	584.82	1/4	233.73	1/4	
1/2	1/2	1/2	4,786.12	1/2	4,436.36	1/2	4,086.61	1/2	3,735.67	1/2	3,384.65	1/2	3,033.60	1/2	2,682.47	1/2	2,331.35	1/2	1,980.22	1/2	1,629.14	1/2	1,278.52	1/2	928.18	1/2	577.50	1/2	226.42	1/2	
3/4	3/4	3/4	4,778.83	3/4	4,429.08	3/4	4,079.32	3/4	3,728.36	3/4	3,377.34	3/4	3,026.28	3/4	2,675.16	3/4	2,324.03	3/4	1,972.91	3/4	1,621.83	3/4	1,271.22	3/4	920.88	3/4	570.19	3/4	219.11	3/4	
6	6	6	4,771.54	6	4,421.79	6	4,072.04	6	3,721.05	6	3,370.03	6	3,018.97	6	2,667.84	6	2,316.72	6	1,965.59	6	1,614.52	6	1,263.92	6	913.58	6	562.87	6	211.79	6	
1/4	1/4	1/4	4,764.26	1/4	4,414.50	1/4	4,064.75	1/4	3,713.73	1/4	3,362.71	1/4	3,011.65	1/4	2,660.53	1/4	2,309.40	1/4	1,958.28	1/4	1,607.20	1/4	1,256.62	1/4	906.29	1/4	555.56	1/4	204.48	1/4	
1/2	1/2	1/2	5,099.87	1/2	4,756.97	1/2	4,407.22	1/2	4,057.44	1/2	3,706.42	1/2	3,355.40	1/2	3,004.33	1/2	2,653.21	1/2	2,302.09	1/2	1,950.96	1/2	1,599.89	1/2	1,249.32	1/2	898.99	1/2	548.25	1/2	197.17
3/4	3/4	3/4	5,094.10	3/4	4,749.68	3/4	4,399.93	3/4	4,050.13	3/4	3,699.11	3/4	3,348.09	3/4	2,997.02	3/4	2,645.90	3/4	2,294.77	3/4	1,943.65	3/4	1,592.57	3/4	1,242.02	3/4	891.70	3/4	540.93	3/4	189.87
7	7	7	5,088.34	7	4,742.40	7	4,392.64	7	4,042.81	7	3,691.79	7	3,340.77	7	2,989.70	7	2,638.58	7	2,287.46	7	1,936.33	7	1,585.26	7	1,234.72	7	884.41	7	533.62	7	182.56
1/4	1/4	1/4	5,082.58	1/4	4,735.11	1/4	4,385.36	1/4	4,035.50	1/4	3,684.48	1/4	3,333.46	1/4	2,982.39	1/4	2,631.26	1/4	2,280.14	1/4	1,929.02	1/4	1,577.94	1/4	1,227.42	1/4	877.11	1/4	526.30	1/4	175.26
1/2	1/2	1/2	5,075.67	1/2	4,727.82	1/2	4,378.07	1/2	4,028.19	1/2	3,677.17	1/2	3,326.15	1/2	2,975.07	1/2	2,623.95	1/2	2,272.82	1/2	1,921.70	1/2	1,570.63	1/2	1,220.12	1/2	869.82	1/2	518.99	1/2	167.96
3/4	3/4	3/4	5,068.77	3/4	4,720.54	3/4	4,370.78	3/4	4,020.87	3/4	3,669.85	3/4	3,318.84	3/4	2,967.76	3/4	2,616.63	3/4	2,265.51	3/4	1,914.39	3/4	1,563.31	3/4	1,212.81	3/4	862.52	3/4	511.67	3/4	160.66
8	8	8	5,061.86	8	4,713.25	8	4,363.50	8	4,013.56	8	3,662.54	8	3,311.52	8	2,960.44	8	2,609.32	8	2,258.19	8	1,907.07	8	1,556.00	8	1,205.51	8	855.23	8	504.36	8	153.37
1/4	1/4	1/4	5,054.96	1/4	4,705.96	1/4	4,356.21	1/4	4,006.25	1/4	3,655.23	1/4	3,304.21	1/4	2,953.13	1/4	2,602.00	1/4	2,250.88	1/4	1,899.75	1/4	1,548.68	1/4	1,198.21	1/4	847.93	1/4	497.05	1/4	146.07
1/2	1/2	1/2	5,047.76	1/2	4,698.68	1/2	4,348.93	1/2	3,998.94	1/2	3,647.92	1/2	3,296.90	1/2	2,945.81	1/2	2,594.69	1/2	2,243.56	1/2	1,892.44	1/2	1,541.37	1/2	1,190.91	1/2	840.64	1/2	489.73	1/2	138.79
3/4	3/4	3/4	5,040.56	3/4	4,691.39	3/4	4,341.64	3/4	3,991.62	3/4	3,640.60	3/4	3,289.58	3/4	2,938.50	3/4	2,587.37	3/4	2,236.25	3/4	1,885.12	3/4	1,534.05	3/4	1,183.61	3/4	833.35	3/4	482.42	3/4	131.52
9	9	9	5,033.36	9	4,684.10	9	4,334.35	9	3,984.31	9	3,633.29	9	3,282.27	9	2,931.18	9	2,580.06	9	2,228.93	9	1,877.81	9	1,526.74	9	1,176.31	9	826.05	9	475.10	9	124



BARGE: MM 146
JEFFBOAT 14-2898

1 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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

REFERENCE GAUGE HEIGHT: 16'-01 1/2"

IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.
0		0	4,591.18	0	4,263.01	0	3,934.78	0	3,605.98	0	3,276.49	0	2,947.00	0	2,617.41	0	2,287.82	0	1,958.22	0	1,628.62	0	1,299.07	0	969.56	0	639.98	0	316.14	0	34.67
1/4	1/4	1/4	4,584.36	1/4	4,256.17	1/4	3,927.95	1/4	3,599.11	1/4	3,269.62	1/4	2,940.13	1/4	2,610.55	1/4	2,280.95	1/4	1,951.35	1/4	1,621.76	1/4	1,292.21	1/4	962.70	1/4	633.12	1/4	309.74	1/4	30.09
1/2	1/2	1/2	4,577.53	1/2	4,249.33	1/2	3,921.11	1/2	3,592.25	1/2	3,262.76	1/2	2,933.27	1/2	2,603.68	1/2	2,274.08	1/2	1,944.49	1/2	1,614.89	1/2	1,285.34	1/2	955.83	1/2	626.25	1/2	303.35	1/2	25.52
3/4	3/4	3/4	4,570.70	3/4	4,242.49	3/4	3,914.27	3/4	3,585.39	3/4	3,255.89	3/4	2,926.40	3/4	2,596.81	3/4	2,267.22	3/4	1,937.62	3/4	1,608.02	3/4	1,278.48	3/4	948.96	3/4	619.39	3/4	297.04	3/4	22.73
1	1	1	4,563.87	1	4,235.66	1	3,907.43	1	3,578.52	1	3,249.03	1	2,919.54	1	2,589.95	1	2,260.35	1	1,930.75	1	1,601.16	1	1,271.62	1	942.10	1	612.52	1	290.73	1	19.94
1/4	1/4	1/4	4,557.03	1/4	4,228.82	1/4	3,900.59	1/4	3,571.66	1/4	3,242.17	1/4	2,912.67	1/4	2,583.08	1/4	2,253.48	1/4	1,923.89	1/4	1,594.29	1/4	1,264.75	1/4	935.23	1/4	605.65	1/4	284.41	1/4	17.15
1/2	1/2	1/2	4,550.20	1/2	4,221.98	1/2	3,893.76	1/2	3,564.79	1/2	3,235.30	1/2	2,905.81	1/2	2,576.21	1/2	2,246.62	1/2	1,917.02	1/2	1,587.42	1/2	1,257.89	1/2	928.36	1/2	598.79	1/2	278.10	1/2	14.36
3/4	3/4	3/4	4,543.36	3/4	4,215.14	3/4	3,886.92	3/4	3,557.93	3/4	3,228.44	3/4	2,898.94	3/4	2,569.35	3/4	2,239.75	3/4	1,910.15	3/4	1,580.56	3/4	1,251.03	3/4	921.50	3/4	591.92	3/4	271.87	3/4	---
2	2	2	4,536.53	2	4,208.30	2	3,880.08	2	3,551.06	2	3,221.57	2	2,892.08	2	2,562.48	2	2,232.88	2	1,903.29	2	1,573.69	2	1,244.16	2	914.63	2	585.05	2	265.63	2	---
1/4	1/4	1/4	4,529.69	1/4	4,201.47	1/4	3,873.24	1/4	3,544.20	1/4	3,214.71	1/4	2,885.21	1/4	2,555.61	1/4	2,226.02	1/4	1,896.42	1/4	1,566.82	1/4	1,237.30	1/4	907.77	1/4	578.19	1/4	259.40	1/4	---
1/2	1/2	1/2	4,522.85	1/2	4,194.63	1/2	3,866.40	1/2	3,537.33	1/2	3,207.84	1/2	2,878.34	1/2	2,548.75	1/2	2,219.15	1/2	1,889.55	1/2	1,559.96	1/2	1,230.44	1/2	900.90	1/2	571.32	1/2	253.16	1/2	---
3/4	3/4	3/4	4,516.01	3/4	4,187.79	3/4	3,859.57	3/4	3,530.47	3/4	3,200.98	3/4	2,871.48	3/4	2,541.88	3/4	2,212.28	3/4	1,882.69	3/4	1,553.09	3/4	1,223.57	3/4	894.03	3/4	564.46	3/4	247.01	3/4	---
3	3	3	4,509.18	3	4,180.95	3	3,852.73	3	3,523.61	3	3,194.11	3	2,864.61	3	2,535.01	3	2,205.42	3	1,875.82	3	1,546.22	3	1,216.71	3	887.17	3	557.59	3	240.85	3	---
1/4	1/4	1/4	4,502.34	1/4	4,174.11	1/4	3,845.89	1/4	3,516.74	1/4	3,187.25	1/4	2,857.74	1/4	2,528.15	1/4	2,198.55	1/4	1,868.95	1/4	1,539.36	1/4	1,209.84	1/4	880.30	1/4	550.72	1/4	234.70	1/4	---
1/2	1/2	1/2	4,495.50	1/2	4,167.28	1/2	3,839.05	1/2	3,509.88	1/2	3,180.39	1/2	2,850.88	1/2	2,521.28	1/2	2,191.68	1/2	1,862.09	1/2	1,532.49	1/2	1,202.98	1/2	873.43	1/2	543.86	1/2	228.54	1/2	---
3/4	3/4	3/4	4,488.66	3/4	4,160.44	3/4	3,832.21	3/4	3,503.01	3/4	3,173.52	3/4	2,844.01	3/4	2,514.41	3/4	2,184.82	3/4	1,855.22	3/4	1,525.62	3/4	1,196.12	3/4	866.57	3/4	536.99	3/4	222.47	3/4	---
4	4	4	4,481.82	4	4,153.60	4	3,825.38	4	3,496.15	4	3,166.66	4	2,837.14	4	2,507.55	4	2,177.95	4	1,848.35	4	1,518.76	4	1,189.25	4	859.70	4	530.12	4	216.39	4	---
1/4	1/4	1/4	4,474.99	1/4	4,146.76	1/4	3,818.54	1/4	3,489.28	1/4	3,159.79	1/4	2,830.28	1/4	2,500.68	1/4	2,171.08	1/4	1,841.49	1/4	1,511.89	1/4	1,182.39	1/4	852.84	1/4	523.26	1/4	210.32	1/4	---
1/2	1/2	1/2	4,468.15	1/2	4,139.92	1/2	3,811.70	1/2	3,482.42	1/2	3,152.93	1/2	2,823.41	1/2	2,493.81	1/2	2,164.22	1/2	1,834.62	1/2	1,505.02	1/2	1,175.53	1/2	845.97	1/2	516.39	1/2	204.24	1/2	---
3/4	3/4	3/4	4,461.31	3/4	4,133.09	3/4	3,804.86	3/4	3,475.56	3/4	3,146.06	3/4	2,816.54	3/4	2,486.95	3/4	2,157.35	3/4	1,827.75	3/4	1,498.16	3/4	1,166.66	3/4	839.10	3/4	509.53	3/4	198.24	3/4	---
5	5	5	4,454.47	5	4,126.25	5	3,798.02	5	3,468.69	5	3,139.20	5	2,809.68	5	2,480.08	5	2,150.48	5	1,820.89	5	1,491.29	5	1,161.80	5	832.24	5	502.66	5	192.25	5	---
1/4	1/4	1/4	4,447.63	1/4	4,119.41	1/4	3,791.19	1/4	3,461.83	1/4	3,132.34	1/4	2,802.81	1/4	2,473.21	1/4	2,143.62	1/4	1,814.02	1/4	1,484.42	1/4	1,154.93	1/4	825.37	1/4	495.79	1/4	186.25	1/4	---
1/2	1/2	1/2	4,440.80	1/2	4,112.57	1/2	3,784.35	1/2	3,454.96	1/2	3,125.47	1/2	2,795.94	1/2	2,466.35	1/2	2,136.75	1/2	1,807.15	1/2	1,477.56	1/2	1,148.07	1/2	818.51	1/2	488.93	1/2	180.25	1/2	---
3/4	3/4	3/4	4,433.96	3/4	4,105.73	3/4	3,777.51	3/4	3,448.10	3/4	3,118.61	3/4	2,789.08	3/4	2,459.48	3/4	2,129.88	3/4	1,800.29	3/4	1,470.69	3/4	1,141.21	3/4	811.64	3/4	482.07	3/4	174.34	3/4	---
6	6	6	4,427.12	6	4,098.90	6	3,770.67	6	3,441.23	6	3,111.74	6	2,782.21	6	2,452.61	6	2,123.02	6	1,793.42	6	1,463.83	6	1,134.34	6	804.77	6	475.21	6	168.42	6	---
1/4	1/4	1/4	4,420.28	1/4	4,092.06	1/4	3,763.83	1/4	3,434.37	1/4	3,104.88	1/4	2,775.34	1/4	2,445.75	1/4	2,116.15	1/4	1,786.55	1/4	1,456.96	1/4	1,127.48	1/4	797.91	1/4	468.36	1/4	162.50	1/4	---
1/2	1/2	1/2	4,413.44	1/2	4,085.22	1/2	3,757.00	1/2	3,427.50	1/2	3,098.01	1/2	2,768.48	1/2	2,438.88	1/2	2,109.28	1/2	1,779.69	1/2	1,450.10	1/2	1,120.61	1/2	791.04	1/2	461.50	1/2	156.59	1/2	---
3/4	3/4	3/4	4,406.61	3/4	4,078.38	3/4	3,750.13	3/4	3,420.64	3/4	3,091.15	3/4	2,761.61	3/4	2,432.01	3/4	2,102.42	3/4	1,772.82	3/4	1,443.23	3/4	1,113.74	3/4	784.17	3/4	454.72	3/4	150.76	3/4	---
7	7	7	4,400.00	7	4,071.54	7	3,743.27	7	3,413.78	7	3,084.28	7	2,754.74	7	2,425.15	7	2,095.55	7	1,765.95	7	1,436.36	7	1,106.88	7	777.31	7	447.93	7	144.93	7	---
1/4	1/4	1/4	4,392.93	1/4	4,064.71	1/4	3,736.40	1/4	3,406.91	1/4	3,077.42	1/4	2,747.88	1/4	2,418.28	1/4	2,088.68	1/4	1,759.09	1/4	1,429.50	1/4	1,100.01	1/4	770.44	1/4	441.14	1/4	139.09	1/4	---
1/2	1/2	1/2	4,386.09	1/2	4,057.87	1/2	3,729.54	1/2	3,400.05	1/2	3,070.56	1/2	2,741.01	1/2	2,411.41	1/2	2,081.82	1/2	1,752.22	1/2	1,422.63	1/2	1,093.15	1/2	763.58	1/2	434.35	1/2	133.26	1/2	---
3/4	3/4	3/4	4,379.25	3/4	4,051.03	3/4	3,722.67	3/4	3,393.18	3/4	3,063.69	3/4	2,734.14	3/4	2,404.55	3/4	2,074.95	3/4	1,745.35	3/4	1,415.77	3/4	1,086.28	3/4	756.71	3/4	427.65	3/4	127.52	3/4	---
8	8	8	4,372.42	8	4,044.19	8	3,715.81	8	3,386.32	8	3,056.83	8	2,727.28	8	2,397.68	8	2,068.08	8	1,738.49	8	1,408.90	8	1,079.42	8	749.84	8	420.94	8	121.78	8	---
1/4	1/4	1/4	4,365.58	1/4	4,037.35	1/4	3,708.94	1/4	3,379.45	1/4	3,049.96	1/4	2,720.41	1/4	2,390.81	1/4	2,061.22	1/4	1,731.62	1/4	1,402.04	1/4	1,072.55	1/4	742.98	1/4	414.23	1/4	116.04	1/4	---
1/2	1/2	1/2	4,358.74	1/2	4,030.52	1/2	3,702.08	1/2	3,372.59	1/2	3,043.10	1/2	2,713.55	1/2	2,383.95	1/2	2,054.35	1/2	1,724.75	1/2	1,395.17	1/2	1,065.69	1/2	736.11	1/2	407.52	1/2	110.29	1/2	---
3/4	3/4	3/4	4,351.90	3/4	4,023.68	3/4	3,695.22	3/4	3,365.72	3/4	3,036.23	3/4	2,706.68	3/4	2,377.08	3/4	2,047.48	3/4	1,717.89	3/4	1,388.31	3/4	1,058.82	3/4	729.24	3/4	400.89	3/4	104.65	3/4	---
9	9	9	4,345.06	9	4,016.84	9	3,688.35	9	3,358.86	9	3,029.37	9	2,699.81	9	2,370.22	9	2,040.62	9	1,711.02	9	1,381.44	9	1,051.96	9	722.38	9	394.26	9	99.00	9	---
1/4	1/4	1/4	4,338.23	1/4	4,010.00	1/4	3,681.49	1/4	3,352.00	1/4	3,022.50	1/4	2,692.95	1/4	2,363.35	1/4	2,033.75	1/4													



BARGE: MM 146
JEFFBOAT 14-2898

1 PORT
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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

REFERENCE GAUGE HEIGHT: 16'-01 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	4,584.00	0	4,255.81	0	3,927.59	0	3,598.76	0	3,269.27	0	2,939.78	0	2,610.19	0	2,280.59	0	1,951.00	0	1,621.40	0	1,292.07	0	962.70	0	633.12	0	309.74	0	30.09
1/4		1/4	4,577.18	1/4	4,248.98	1/4	3,920.75	1/4	3,591.89	1/4	3,262.40	1/4	2,932.91	1/4	2,603.32	1/4	2,273.73	1/4	1,944.13	1/4	1,614.53	1/4	1,285.21	1/4	955.83	1/4	626.25	1/4	303.35	1/4	25.52
1/2		1/2	4,570.34	1/2	4,242.14	1/2	3,913.91	1/2	3,585.03	1/2	3,255.54	1/2	2,926.05	1/2	2,596.46	1/2	2,266.86	1/2	1,937.26	1/2	1,607.67	1/2	1,278.35	1/2	948.96	1/2	619.39	1/2	297.04	1/2	22.73
3/4		3/4	4,563.51	3/4	4,235.30	3/4	3,907.08	3/4	3,578.17	3/4	3,248.67	3/4	2,919.18	3/4	2,589.59	3/4	2,259.99	3/4	1,930.40	3/4	1,600.80	3/4	1,271.49	3/4	942.10	3/4	612.52	3/4	290.73	3/4	19.94
1		1	4,556.68	1	4,228.46	1	3,900.24	1	3,571.30	1	3,241.81	1	2,912.32	1	2,582.72	1	2,253.13	1	1,923.53	1	1,593.93	1	1,264.64	1	935.23	1	605.65	1	284.41	1	17.15
1/4		1/4	4,549.85	1/4	4,221.62	1/4	3,893.40	1/4	3,564.44	1/4	3,234.95	1/4	2,905.45	1/4	2,575.86	1/4	2,246.26	1/4	1,916.66	1/4	1,587.07	1/4	1,257.78	1/4	928.36	1/4	598.79	1/4	278.10	1/4	14.36
1/2		1/2	4,543.01	1/2	4,214.79	1/2	3,886.56	1/2	3,557.57	1/2	3,228.08	1/2	2,898.59	1/2	2,568.99	1/2	2,239.39	1/2	1,909.80	1/2	1,580.20	1/2	1,250.92	1/2	921.50	1/2	591.92	1/2	271.87	1/2	
3/4		3/4	4,536.17	3/4	4,207.95	3/4	3,879.72	3/4	3,550.71	3/4	3,221.22	3/4	2,891.72	3/4	2,562.12	3/4	2,232.53	3/4	1,902.93	3/4	1,573.33	3/4	1,244.07	3/4	914.63	3/4	585.05	3/4	265.63	3/4	
2		2	4,529.33	2	4,201.11	2	3,872.89	2	3,543.84	2	3,214.35	2	2,884.85	2	2,555.26	2	2,225.66	2	1,896.06	2	1,566.47	2	1,237.21	2	907.77	2	578.19	2	259.40	2	
1/4		1/4	4,522.50	1/4	4,194.27	1/4	3,866.05	1/4	3,536.98	1/4	3,207.49	1/4	2,877.99	1/4	2,548.39	1/4	2,218.79	1/4	1,889.20	1/4	1,559.60	1/4	1,230.35	1/4	900.90	1/4	571.32	1/4	253.16	1/4	
1/2		1/2	4,515.66	1/2	4,187.43	1/2	3,859.21	1/2	3,530.12	1/2	3,200.62	1/2	2,871.12	1/2	2,541.52	1/2	2,211.93	1/2	1,882.33	1/2	1,552.73	1/2	1,223.50	1/2	894.03	1/2	564.46	1/2	247.01	1/2	
3/4		3/4	4,508.82	3/4	4,180.60	3/4	3,852.37	3/4	3,523.25	3/4	3,193.76	3/4	2,864.26	3/4	2,534.66	3/4	2,205.06	3/4	1,875.46	3/4	1,545.87	3/4	1,216.64	3/4	887.17	3/4	557.59	3/4	240.85	3/4	
3		3	4,501.98	3	4,173.76	3	3,845.53	3	3,516.39	3	3,186.90	3	2,857.39	3	2,527.79	3	2,198.19	3	1,868.60	3	1,539.00	3	1,209.78	3	880.30	3	550.72	3	234.70	3	
1/4		1/4	4,495.14	1/4	4,166.92	1/4	3,838.70	1/4	3,509.52	1/4	3,180.03	1/4	2,850.52	1/4	2,520.93	1/4	2,191.33	1/4	1,861.73	1/4	1,532.13	1/4	1,202.93	1/4	873.43	1/4	543.86	1/4	228.54	1/4	
1/2		1/2	4,488.31	1/2	4,160.08	1/2	3,831.86	1/2	3,502.66	1/2	3,173.17	1/2	2,843.66	1/2	2,514.06	1/2	2,184.46	1/2	1,854.86	1/2	1,525.27	1/2	1,196.07	1/2	866.57	1/2	536.99	1/2	222.47	1/2	
3/4		3/4	4,481.47	3/4	4,153.24	3/4	3,825.02	3/4	3,495.79	3/4	3,166.30	3/4	2,836.79	3/4	2,507.19	3/4	2,177.60	3/4	1,848.00	3/4	1,518.41	3/4	1,189.21	3/4	859.70	3/4	530.12	3/4	216.39	3/4	
4		4	4,474.63	4	4,146.41	4	3,818.18	4	3,488.93	4	3,159.44	4	2,829.92	4	2,500.33	4	2,170.73	4	1,841.13	4	1,511.55	4	1,182.36	4	852.84	4	523.26	4	210.32	4	
1/4		1/4	4,467.79	1/4	4,139.57	1/4	3,811.34	1/4	3,482.06	1/4	3,152.57	1/4	2,823.06	1/4	2,493.46	1/4	2,163.86	1/4	1,834.27	1/4	1,504.68	1/4	1,175.50	1/4	845.97	1/4	516.39	1/4	204.24	1/4	
1/2		1/2	4,460.95	1/2	4,132.73	1/2	3,804.51	1/2	3,475.20	1/2	3,145.71	1/2	2,816.19	1/2	2,486.59	1/2	2,157.00	1/2	1,827.40	1/2	1,497.82	1/2	1,168.64	1/2	839.10	1/2	509.53	1/2	198.24	1/2	
3/4		3/4	4,454.12	3/4	4,125.89	3/4	3,797.67	3/4	3,468.34	3/4	3,138.84	3/4	2,809.32	3/4	2,479.73	3/4	2,150.13	3/4	1,820.53	3/4	1,490.96	3/4	1,161.78	3/4	832.24	3/4	502.66	3/4	192.25	3/4	
5		5	4,447.28	5	4,119.05	5	3,790.83	5	3,461.47	5	3,131.98	5	2,802.46	5	2,472.86	5	2,143.26	5	1,813.67	5	1,484.09	5	1,154.93	5	825.37	5	495.79	5	186.25	5	
1/4		1/4	4,440.44	1/4	4,112.22	1/4	3,783.99	1/4	3,454.61	1/4	3,125.12	1/4	2,795.59	1/4	2,465.99	1/4	2,136.40	1/4	1,806.80	1/4	1,477.23	1/4	1,148.07	1/4	818.51	1/4	488.93	1/4	180.25	1/4	
1/2		1/2	4,433.60	1/2	4,105.38	1/2	3,777.15	1/2	3,447.74	1/2	3,118.25	1/2	2,788.72	1/2	2,459.13	1/2	2,129.53	1/2	1,799.93	1/2	1,470.37	1/2	1,141.21	1/2	811.64	1/2	482.07	1/2	174.34	1/2	
3/4		3/4	4,426.76	3/4	4,098.54	3/4	3,770.32	3/4	3,440.88	3/4	3,111.39	3/4	2,781.86	3/4	2,452.26	3/4	2,122.66	3/4	1,793.07	3/4	1,463.51	3/4	1,134.34	3/4	804.77	3/4	475.21	3/4	168.42	3/4	
6		6	4,419.93	6	4,091.70	6	3,763.48	6	3,434.01	6	3,104.52	6	2,774.99	6	2,445.39	6	2,115.80	6	1,786.20	6	1,456.65	6	1,127.48	6	797.91	6	468.36	6	162.50	6	
1/4		1/4	4,413.09	1/4	4,084.86	1/4	3,756.64	1/4	3,427.15	1/4	3,097.66	1/4	2,768.12	1/4	2,438.53	1/4	2,108.93	1/4	1,779.33	1/4	1,449.80	1/4	1,120.61	1/4	791.04	1/4	461.50	1/4	156.59	1/4	
1/2		1/2	4,406.25	1/2	4,078.03	1/2	3,749.78	1/2	3,420.28	1/2	3,090.79	1/2	2,761.26	1/2	2,431.66	1/2	2,102.06	1/2	1,772.47	1/2	1,442.94	1/2	1,113.74	1/2	784.17	1/2	454.72	1/2	150.76	1/2	
3/4		3/4	4,400.00	3/4	4,071.19	3/4	3,742.91	3/4	3,413.42	3/4	3,083.93	3/4	2,754.39	3/4	2,424.79	3/4	2,095.20	3/4	1,765.60	3/4	1,436.08	3/4	1,106.88	3/4	777.31	3/4	447.93	3/4	144.93	3/4	
7		7	4,393.27	7	4,064.35	7	3,736.05	7	3,406.56	7	3,077.06	7	2,747.52	7	2,417.93	7	2,088.33	7	1,758.73	7	1,429.22	7	1,100.01	7	770.44	7	441.14	7	139.09	7	
1/4		1/4	4,386.54	1/4	4,057.51	1/4	3,729.18	1/4	3,399.69	1/4	3,070.20	1/4	2,740.66	1/4	2,411.06	1/4	2,081.46	1/4	1,751.87	1/4	1,422.36	1/4	1,093.15	1/4	763.58	1/4	434.35	1/4	133.26	1/4	
1/2		1/2	4,379.80	1/2	4,050.67	1/2	3,722.32	1/2	3,392.83	1/2	3,063.34	1/2	2,733.79	1/2	2,404.19	1/2	2,074.60	1/2	1,745.00	1/2	1,415.50	1/2	1,086.28	1/2	756.71	1/2	427.65	1/2	127.52	1/2	
3/4		3/4	4,373.06	3/4	4,043.84	3/4	3,715.45	3/4	3,385.96	3/4	3,056.47	3/4	2,726.92	3/4	2,397.33	3/4	2,067.73	3/4	1,738.13	3/4	1,408.64	3/4	1,079.42	3/4	749.84	3/4	420.94	3/4	121.78	3/4	
8		8	4,366.22	8	4,037.00	8	3,708.59	8	3,379.10	8	3,049.61	8	2,720.06	8	2,390.46	8	2,060.86	8	1,731.27	8	1,401.79	8	1,072.55	8	742.98	8	414.23	8	116.04	8	
1/4		1/4	4,359.48	1/4	4,030.16	1/4	3,701.73	1/4	3,372.23	1/4	3,042.74	1/4	2,713.19	1/4	2,383.59	1/4	2,054.00	1/4	1,724.40	1/4	1,394.93	1/4	1,065.69	1/4	736.11	1/4	407.52	1/4	110.29	1/4	
1/2		1/2	4,352.74	1/2	4,023.32	1/2	3,694.86	1/2	3,365.37	1/2	3,035.88	1/2	2,706.32	1/2	2,376.73	1/2	2,047.13	1/2	1,717.53	1/2	1,388.07	1/2	1,058.82	1/2	729.24	1/2	400.89	1/2	104.65	1/2	
3/4		3/4	4,346.00	3/4	4,016.48	3/4	3,688.00	3/4	3,358.51	3/4	3,029.01	3/4	2,699.46	3/4	2,369.86	3/4	2,040.26	3/4	1,710.67	3/4	1,381.21	3/4	1,051.96	3/4	722.38	3/4	394.26	3/4	99.00	3/4	
9		9	4,339.27	9	4,009.65	9	3,681.13	9	3,351.64	9	3,022.15	9	2,692.59	9	2,362.99	9	2,033.40	9	1,703.80	9	1,374.35	9	1,045.09	9	715.51	9	387.63	9	93.35	9	
1/4		1/4	4,332.53	1/4	4,002.81	1/4	3,674.27	1/4	3,344.78	1/4	3,015.29	1/4	2,685.72	1/4	2,356.13	1/4	2,026.53	1/4	1,696.93	1/4	1,367.49	1/4	1,038.22</								