



BARGE: NGL 3019

INNAGE 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 INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 236'-00"

November 23, 2015



BARGE: NGL 3019
JEFFBOAT 14-2898

SLOP TANK STBD
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 6'-04 1/4"

IN	0 FT.	IN	0 FT.	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.
0	0	6	544	0	1,087	6	1,631	0	2,175	6	2,718	0	3,262	6	3,806	0	4,349	6	4,893	0	
1/8	11	1/8	555	1/8	1,099	1/8	1,642	1/8	2,186	1/8	2,730	1/8	3,273	1/8	3,817	1/8	4,361	1/8	4,905	1/8	
1/4	23	1/4	566	1/4	1,110	1/4	1,654	1/4	2,197	1/4	2,741	1/4	3,285	1/4	3,828	1/4	4,372	1/4	4,916	1/4	
3/8	34	3/8	578	3/8	1,121	3/8	1,665	3/8	2,209	3/8	2,752	3/8	3,296	3/8	3,840	3/8	4,383	3/8	4,927	3/8	
1/2	45	1/2	589	1/2	1,133	1/2	1,676	1/2	2,220	1/2	2,764	1/2	3,307	1/2	3,851	1/2	4,395	1/2	4,938	1/2	
5/8	57	5/8	600	5/8	1,144	5/8	1,688	5/8	2,231	5/8	2,775	5/8	3,319	5/8	3,862	5/8	4,406	5/8	4,950	5/8	
3/4	68	3/4	612	3/4	1,155	3/4	1,699	3/4	2,243	3/4	2,786	3/4	3,330	3/4	3,874	3/4	4,417	3/4	4,961	3/4	
7/8	79	7/8	623	7/8	1,167	7/8	1,710	7/8	2,254	7/8	2,798	7/8	3,341	7/8	3,885	7/8	4,429	7/8	4,972	7/8	
1	91	7	634	1	1,178	7	1,722	1	2,265	7	2,809	1	3,353	7	3,896	1	4,440	7	4,984	1	
1/8	102	1/8	646	1/8	1,189	1/8	1,733	1/8	2,277	1/8	2,820	1/8	3,364	1/8	3,908	1/8	4,451	1/8	4,995	1/8	
1/4	113	1/4	657	1/4	1,201	1/4	1,744	1/4	2,288	1/4	2,832	1/4	3,375	1/4	3,919	1/4	4,463	1/4	5,006	1/4	
3/8	125	3/8	668	3/8	1,212	3/8	1,756	3/8	2,299	3/8	2,843	3/8	3,387	3/8	3,930	3/8	4,474	3/8	5,018	3/8	
1/2	136	1/2	680	1/2	1,223	1/2	1,767	1/2	2,311	1/2	2,854	1/2	3,398	1/2	3,942	1/2	4,485	1/2	5,029	1/2	
5/8	147	5/8	691	5/8	1,235	5/8	1,778	5/8	2,322	5/8	2,866	5/8	3,409	5/8	3,953	5/8	4,497	5/8	5,040	5/8	
3/4	159	3/4	702	3/4	1,246	3/4	1,790	3/4	2,333	3/4	2,877	3/4	3,421	3/4	3,964	3/4	4,508	3/4	5,052	3/4	
7/8	170	7/8	714	7/8	1,257	7/8	1,801	7/8	2,345	7/8	2,888	7/8	3,432	7/8	3,976	7/8	4,519	7/8	5,063	7/8	
2	181	8	725	2	1,269	8	1,812	2	2,356	8	2,900	2	3,443	8	3,987	2	4,531	8	5,074	2	
1/8	193	1/8	736	1/8	1,280	1/8	1,824	1/8	2,367	1/8	2,911	1/8	3,455	1/8	3,998	1/8	4,542	1/8	5,086	1/8	
1/4	204	1/4	748	1/4	1,291	1/4	1,835	1/4	2,379	1/4	2,922	1/4	3,466	1/4	4,010	1/4	4,553	1/4	5,097	1/4	
3/8	215	3/8	759	3/8	1,303	3/8	1,846	3/8	2,390	3/8	2,934	3/8	3,477	3/8	4,021	3/8	4,565	3/8	5,108	3/8	
1/2	227	1/2	770	1/2	1,314	1/2	1,858	1/2	2,401	1/2	2,945	1/2	3,489	1/2	4,032	1/2	4,576	1/2	5,120	1/2	
5/8	238	5/8	782	5/8	1,325	5/8	1,869	5/8	2,413	5/8	2,956	5/8	3,500	5/8	4,044	5/8	4,587	5/8	5,131	5/8	
3/4	249	3/4	793	3/4	1,337	3/4	1,880	3/4	2,424	3/4	2,968	3/4	3,511	3/4	4,055	3/4	4,599	3/4	5,142	3/4	
7/8	261	7/8	804	7/8	1,348	7/8	1,892	7/8	2,435	7/8	2,979	7/8	3,523	7/8	4,066	7/8	4,610	7/8	5,154	7/8	
3	272	9	816	3	1,359	9	1,903	3	2,447	9	2,990	3	3,534	9	4,078	3	4,621	9	5,165	3	
1/8	283	1/8	827	1/8	1,371	1/8	1,914	1/8	2,458	1/8	3,002	1/8	3,545	1/8	4,089	1/8	4,633	1/8	5,176	1/8	
1/4	294	1/4	838	1/4	1,382	1/4	1,926	1/4	2,469	1/4	3,013	1/4	3,557	1/4	4,100	1/4	4,644	1/4	5,188	1/4	
3/8	306	3/8	850	3/8	1,393	3/8	1,937	3/8	2,481	3/8	3,024	3/8	3,568	3/8	4,112	3/8	4,655	3/8	5,199	3/8	
1/2	317	1/2	861	1/2	1,405	1/2	1,948	1/2	2,492	1/2	3,036	1/2	3,579	1/2	4,123	1/2	4,667	1/2	5,210	1/2	
5/8	328	5/8	872	5/8	1,416	5/8	1,960	5/8	2,503	5/8	3,047	5/8	3,591	5/8	4,134	5/8	4,678	5/8	5,222	5/8	
3/4	340	3/4	883	3/4	1,427	3/4	1,971	3/4	2,515	3/4	3,058	3/4	3,602	3/4	4,146	3/4	4,689	3/4	5,233	3/4	
7/8	351	7/8	895	7/8	1,439	7/8	1,982	7/8	2,526	7/8	3,070	7/8	3,613	7/8	4,157	7/8	4,701	7/8	5,244	7/8	
4	362	10	906	4	1,450	10	1,994	4	2,537	10	3,081	4	3,625	10	4,168	4	4,712	10	5,256	4	
1/8	374	1/8	917	1/8	1,461	1/8	2,005	1/8	2,549	1/8	3,092	1/8	3,636	1/8	4,180	1/8	4,723	1/8	5,265	1/8	
1/4	385	1/4	929	1/4	1,472	1/4	2,016	1/4	2,560	1/4	3,104	1/4	3,647	1/4	4,191	1/4	4,735	1/4	5,275	1/4	
3/8	396	3/8	940	3/8	1,484	3/8	2,027	3/8	2,571	3/8	3,115	3/8	3,659	3/8	4,202	3/8	4,746	3/8	5,284	3/8	
1/2	408	1/2	951	1/2	1,495	1/2	2,039	1/2	2,583	1/2	3,126	1/2	3,670	1/2	4,214	1/2	4,757	1/2	5,294	1/2	
5/8	419	5/8	963	5/8	1,506	5/8	2,050	5/8	2,594	5/8	3,138	5/8	3,681	5/8	4,225	5/8	4,769	5/8	5,303	5/8	
3/4	430	3/4	974	3/4	1,518	3/4	2,061	3/4	2,605	3/4	3,149	3/4	3,693	3/4	4,236	3/4	4,780	3/4	5,313	3/4	
7/8	442	7/8	985	7/8	1,529	7/8	2,073	7/8	2,616	7/8	3,160	7/8	3,704	7/8	4,248	7/8	4,791	7/8		7/8	
5	453	11	997	5	1,540	11	2,084	5	2,628	11	3,172	5	3,715	11	4,259	5	4,803	11		5	
1/8	464	1/8	1,008	1/8	1,552	1/8	2,095	1/8	2,639	1/8	3,183	1/8	3,727	1/8	4,270	1/8	4,814	1/8		1/8	
1/4	476	1/4	1,019	1/4	1,563	1/4	2,107	1/4	2,650	1/4	3,194	1/4	3,738	1/4	4,282	1/4	4,825	1/4		1/4	
3/8	487	3/8	1,031	3/8	1,574	3/8	2,118	3/8	2,662	3/8	3,205	3/8	3,749	3/8	4,293	3/8	4,837	3/8		3/8	
1/2	498	1/2	1,042	1/2	1,586	1/2	2,129	1/2	2,673	1/2	3,217	1/2	3,760	1/2	4,304	1/2	4,848	1/2		1/2	
5/8	510	5/8	1,053	5/8	1,597	5/8	2,141	5/8	2,684	5/8	3,228	5/8	3,772	5/8	4,316	5/8	4,859	5/8		5/8	
3/4	521	3/4	1,065	3/4	1,608	3/4	2,152	3/4	2,696	3/4	3,239	3/4	3,783	3/4	4,327	3/4	4,871	3/4		3/4	
7/8	532	7/8	1,076	7/8	1,620	7/8	2,163	7/8	2,707	7/8	3,251	7/8	3,794	7/8	4,338	7/8	4,882	7/8		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: NGL 3019
JEFFBOAT 14-2898

SLOP TANK PORT
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 6'-04 1/2"

IN	0 FT.	IN	0 FT.	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.
0	0	6	563	0	1,127	6	1,690	0	2,254	6	2,817	0	3,381	6	3,944	0	4,508	6	5,071	0	
1/8	12	1/8	575	1/8	1,139	1/8	1,702	1/8	2,266	1/8	2,829	1/8	3,393	1/8	3,956	1/8	4,520	1/8	5,083	1/8	
1/4	23	1/4	587	1/4	1,150	1/4	1,714	1/4	2,277	1/4	2,841	1/4	3,404	1/4	3,968	1/4	4,531	1/4	5,095	1/4	
3/8	35	3/8	599	3/8	1,162	3/8	1,726	3/8	2,289	3/8	2,853	3/8	3,416	3/8	3,980	3/8	4,543	3/8	5,107	3/8	
1/2	47	1/2	610	1/2	1,174	1/2	1,737	1/2	2,301	1/2	2,864	1/2	3,428	1/2	3,991	1/2	4,555	1/2	5,118	1/2	
5/8	59	5/8	622	5/8	1,186	5/8	1,749	5/8	2,313	5/8	2,876	5/8	3,440	5/8	4,003	5/8	4,567	5/8	5,130	5/8	
3/4	70	3/4	634	3/4	1,197	3/4	1,761	3/4	2,324	3/4	2,888	3/4	3,451	3/4	4,015	3/4	4,578	3/4	5,142	3/4	
7/8	82	7/8	646	7/8	1,209	7/8	1,773	7/8	2,336	7/8	2,900	7/8	3,463	7/8	4,027	7/8	4,590	7/8	5,154	7/8	
1	94	7	657	1	1,221	7	1,784	1	2,348	7	2,911	1	3,475	7	4,038	1	4,602	7	5,165	1	
1/8	106	1/8	669	1/8	1,233	1/8	1,796	1/8	2,360	1/8	2,923	1/8	3,487	1/8	4,050	1/8	4,614	1/8	5,177	1/8	
1/4	117	1/4	681	1/4	1,244	1/4	1,808	1/4	2,371	1/4	2,935	1/4	3,498	1/4	4,062	1/4	4,625	1/4	5,189	1/4	
3/8	129	3/8	693	3/8	1,256	3/8	1,820	3/8	2,383	3/8	2,947	3/8	3,510	3/8	4,074	3/8	4,637	3/8	5,201	3/8	
1/2	141	1/2	704	1/2	1,268	1/2	1,831	1/2	2,395	1/2	2,958	1/2	3,522	1/2	4,085	1/2	4,649	1/2	5,212	1/2	
5/8	153	5/8	716	5/8	1,280	5/8	1,843	5/8	2,407	5/8	2,970	5/8	3,534	5/8	4,097	5/8	4,661	5/8	5,224	5/8	
3/4	164	3/4	728	3/4	1,291	3/4	1,855	3/4	2,418	3/4	2,982	3/4	3,545	3/4	4,109	3/4	4,672	3/4	5,236	3/4	
7/8	176	7/8	740	7/8	1,303	7/8	1,867	7/8	2,430	7/8	2,994	7/8	3,557	7/8	4,121	7/8	4,684	7/8	5,248	7/8	
2	188	8	751	2	1,315	8	1,878	2	2,442	8	3,005	2	3,569	8	4,132	2	4,696	8	5,259	2	
1/8	200	1/8	763	1/8	1,327	1/8	1,890	1/8	2,454	1/8	3,017	1/8	3,581	1/8	4,144	1/8	4,708	1/8	5,271	1/8	
1/4	211	1/4	775	1/4	1,338	1/4	1,902	1/4	2,465	1/4	3,029	1/4	3,592	1/4	4,156	1/4	4,719	1/4	5,283	1/4	
3/8	223	3/8	787	3/8	1,350	3/8	1,914	3/8	2,477	3/8	3,041	3/8	3,604	3/8	4,168	3/8	4,731	3/8	5,295	3/8	
1/2	235	1/2	798	1/2	1,362	1/2	1,925	1/2	2,489	1/2	3,052	1/2	3,616	1/2	4,179	1/2	4,743	1/2	5,306	1/2	
5/8	247	5/8	810	5/8	1,374	5/8	1,937	5/8	2,501	5/8	3,064	5/8	3,628	5/8	4,191	5/8	4,754	5/8	5,318	5/8	
3/4	258	3/4	822	3/4	1,385	3/4	1,949	3/4	2,512	3/4	3,076	3/4	3,639	3/4	4,203	3/4	4,766	3/4	5,330	3/4	
7/8	270	7/8	834	7/8	1,397	7/8	1,960	7/8	2,524	7/8	3,087	7/8	3,651	7/8	4,214	7/8	4,778	7/8	5,341	7/8	
3	282	9	845	3	1,409	9	1,972	3	2,536	9	3,099	3	3,663	9	4,226	3	4,790	9	5,353	3	
1/8	293	1/8	857	1/8	1,420	1/8	1,984	1/8	2,547	1/8	3,111	1/8	3,674	1/8	4,238	1/8	4,801	1/8	5,365	1/8	
1/4	305	1/4	869	1/4	1,432	1/4	1,996	1/4	2,559	1/4	3,123	1/4	3,686	1/4	4,250	1/4	4,813	1/4	5,377	1/4	
3/8	317	3/8	880	3/8	1,444	3/8	2,007	3/8	2,571	3/8	3,134	3/8	3,698	3/8	4,261	3/8	4,825	3/8	5,388	3/8	
1/2	329	1/2	892	1/2	1,456	1/2	2,019	1/2	2,583	1/2	3,146	1/2	3,710	1/2	4,273	1/2	4,837	1/2	5,400	1/2	
5/8	340	5/8	904	5/8	1,467	5/8	2,031	5/8	2,594	5/8	3,158	5/8	3,721	5/8	4,285	5/8	4,848	5/8	5,412	5/8	
3/4	352	3/4	916	3/4	1,479	3/4	2,043	3/4	2,606	3/4	3,170	3/4	3,733	3/4	4,297	3/4	4,860	3/4	5,424	3/4	
7/8	364	7/8	927	7/8	1,491	7/8	2,054	7/8	2,618	7/8	3,181	7/8	3,745	7/8	4,308	7/8	4,872	7/8	5,435	7/8	
4	376	10	939	4	1,503	10	2,066	4	2,630	10	3,193	4	3,757	10	4,320	4	4,884	10	5,447	4	
1/8	387	1/8	951	1/8	1,514	1/8	2,078	1/8	2,641	1/8	3,205	1/8	3,768	1/8	4,332	1/8	4,895	1/8	5,457	1/8	
1/4	399	1/4	963	1/4	1,526	1/4	2,090	1/4	2,653	1/4	3,217	1/4	3,780	1/4	4,344	1/4	4,907	1/4	5,467	1/4	
3/8	411	3/8	974	3/8	1,538	3/8	2,101	3/8	2,665	3/8	3,228	3/8	3,792	3/8	4,355	3/8	4,919	3/8	5,477	3/8	
1/2	423	1/2	986	1/2	1,550	1/2	2,113	1/2	2,677	1/2	3,240	1/2	3,804	1/2	4,367	1/2	4,931	1/2	5,487	1/2	
5/8	434	5/8	998	5/8	1,561	5/8	2,125	5/8	2,688	5/8	3,252	5/8	3,815	5/8	4,379	5/8	4,942	5/8	5,496	5/8	
3/4	446	3/4	1,010	3/4	1,573	3/4	2,137	3/4	2,700	3/4	3,264	3/4	3,827	3/4	4,391	3/4	4,954	3/4	5,506	3/4	
7/8	458	7/8	1,021	7/8	1,585	7/8	2,148	7/8	2,712	7/8	3,275	7/8	3,839	7/8	4,402	7/8	4,966	7/8		7/8	
5	470	11	1,033	5	1,597	11	2,160	5	2,724	11	3,287	5	3,851	11	4,414	5	4,978	11		5	
1/8	481	1/8	1,045	1/8	1,608	1/8	2,172	1/8	2,735	1/8	3,299	1/8	3,862	1/8	4,426	1/8	4,989	1/8		1/8	
1/4	493	1/4	1,057	1/4	1,620	1/4	2,184	1/4	2,747	1/4	3,311	1/4	3,874	1/4	4,438	1/4	5,001	1/4		1/4	
3/8	505	3/8	1,068	3/8	1,632	3/8	2,195	3/8	2,759	3/8	3,322	3/8	3,886	3/8	4,449	3/8	5,013	3/8		3/8	
1/2	517	1/2	1,080	1/2	1,644	1/2	2,207	1/2	2,771	1/2	3,334	1/2	3,898	1/2	4,461	1/2	5,025	1/2		1/2	
5/8	528	5/8	1,092	5/8	1,655	5/8	2,219	5/8	2,782	5/8	3,346	5/8	3,909	5/8	4,473	5/8	5,036	5/8		5/8	
3/4	540	3/4	1,104	3/4	1,667	3/4	2,231	3/4	2,794	3/4	3,357	3/4	3,921	3/4	4,484	3/4	5,048	3/4		3/4	
7/8	552	7/8	1,115	7/8	1,679	7/8	2,242	7/8	2,806	7/8	3,369	7/8	3,933	7/8	4,496	7/8	5,060	7/8		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: NGL 3019
JEFFBOAT 14-2898

3 STBD
INNAGE 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	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.
0	15.21	0	349.71	0	699.71	0	1,049.69	0	1,399.74	0	1,749.79	0	2,099.85	0	2,449.90	0	2,799.96	0	3,150.01	0	3,481.97	0	3,724.03	0	3,965.55	0	4,206.33	0	4,447.10	0	
1/4	19.77	1/4	357.00	1/4	707.00	1/4	1,056.98	1/4	1,407.03	1/4	1,757.09	1/4	2,107.14	1/4	2,457.20	1/4	2,807.25	1/4	3,157.30	1/4	3,487.02	1/4	3,729.07	1/4	3,970.57	1/4	4,211.34	1/4	4,452.11	1/4	
1/2	24.33	1/2	364.30	1/2	714.29	1/2	1,064.27	1/2	1,414.33	1/2	1,764.38	1/2	2,114.43	1/2	2,464.49	1/2	2,814.54	1/2	3,164.59	1/2	3,492.06	1/2	3,734.11	1/2	3,975.58	1/2	4,216.36	1/2	4,457.12	1/2	
3/4	28.88	3/4	371.59	3/4	721.58	3/4	1,071.56	3/4	1,421.62	3/4	1,771.67	3/4	2,121.73	3/4	2,471.78	3/4	2,821.84	3/4	3,171.88	3/4	3,497.10	3/4	3,739.16	3/4	3,980.60	3/4	4,221.38	3/4	4,462.13	3/4	
1	33.44	1	378.88	1	728.87	1	1,078.86	1	1,428.91	1	1,778.97	1	2,129.02	1	2,479.07	1	2,829.13	1	3,179.17	1	3,502.15	1	3,744.20	1	3,985.62	1	4,226.39	1	4,467.14	1	
1/4	39.81	1/4	386.17	1/4	736.16	1/4	1,086.15	1/4	1,436.20	1/4	1,786.26	1/4	2,136.31	1/4	2,486.37	1/4	2,836.42	1/4	3,186.46	1/4	3,507.19	1/4	3,749.24	1/4	3,990.63	1/4	4,231.41	1/4	4,472.14	1/4	
1/2	46.19	1/2	393.47	1/2	743.45	1/2	1,093.44	1/2	1,443.50	1/2	1,793.55	1/2	2,143.61	1/2	2,493.66	1/2	2,843.71	1/2	3,193.75	1/2	3,512.23	1/2	3,754.29	1/2	3,995.65	1/2	4,236.43	1/2	4,477.14	1/2	
3/4	52.56	3/4	400.76	3/4	750.74	3/4	1,100.73	3/4	1,450.79	3/4	1,800.84	3/4	2,150.90	3/4	2,500.95	3/4	2,851.01	3/4	3,201.05	3/4	3,517.27	3/4	3,759.33	3/4	4,000.66	3/4	4,241.44	3/4	4,482.14	3/4	
2	58.94	2	408.05	2	758.03	2	1,108.03	2	1,458.08	2	1,808.14	2	2,158.19	2	2,508.25	2	2,858.30	2	3,208.34	2	3,522.32	2	3,764.37	2	4,005.68	2	4,246.46	2	4,487.14	2	
1/4	66.13	1/4	415.34	1/4	765.33	1/4	1,115.32	1/4	1,465.37	1/4	1,815.43	1/4	2,165.48	1/4	2,515.54	1/4	2,865.59	1/4	3,215.63	1/4	3,527.36	1/4	3,769.41	1/4	4,010.70	1/4	4,251.47	1/4	4,492.13	1/4	
1/2	73.31	1/2	422.64	1/2	772.62	1/2	1,122.61	1/2	1,472.67	1/2	1,822.72	1/2	2,172.78	1/2	2,522.83	1/2	2,872.89	1/2	3,222.92	1/2	3,532.40	1/2	3,774.46	1/2	4,015.71	1/2	4,256.49	1/2	4,497.11	1/2	
3/4	80.50	3/4	429.93	3/4	779.91	3/4	1,129.91	3/4	1,479.96	3/4	1,830.01	3/4	2,180.07	3/4	2,530.12	3/4	2,880.18	3/4	3,230.21	3/4	3,537.44	3/4	3,779.50	3/4	4,020.73	3/4	4,261.51	3/4	4,502.10	3/4	
3	87.69	3	437.22	3	787.20	3	1,137.20	3	1,487.25	3	1,837.31	3	2,187.36	3	2,537.42	3	2,887.47	3	3,237.50	3	3,542.49	3	3,784.54	3	4,025.75	3	4,266.52	3	4,507.09	3	
1/4	94.92	1/4	444.51	1/4	794.49	1/4	1,144.49	1/4	1,494.55	1/4	1,844.60	1/4	2,194.65	1/4	2,544.71	1/4	2,894.76	1/4	3,244.79	1/4	3,547.53	1/4	3,789.58	1/4	4,030.76	1/4	4,271.54	1/4	4,512.05	1/4	
1/2	102.15	1/2	451.81	1/2	801.78	1/2	1,151.78	1/2	1,501.84	1/2	1,851.89	1/2	2,201.95	1/2	2,552.00	1/2	2,902.06	1/2	3,252.08	1/2	3,552.57	1/2	3,794.63	1/2	4,035.78	1/2	4,276.56	1/2	4,517.02	1/2	
3/4	109.38	3/4	459.10	3/4	809.07	3/4	1,159.08	3/4	1,509.13	3/4	1,859.19	3/4	2,209.24	3/4	2,559.29	3/4	2,909.35	3/4	3,259.37	3/4	3,557.62	3/4	3,799.67	3/4	4,040.79	3/4	4,281.57	3/4	4,521.98	3/4	
4	116.61	4	466.39	4	816.36	4	1,166.37	4	1,516.42	4	1,866.48	4	2,216.53	4	2,566.59	4	2,916.64	4	3,266.66	4	3,562.66	4	3,804.71	4	4,045.81	4	4,286.59	4	4,526.94	4	
1/4	123.87	1/4	473.68	1/4	823.65	1/4	1,173.66	1/4	1,523.72	1/4	1,873.77	1/4	2,223.83	1/4	2,573.88	1/4	2,923.93	1/4	3,273.95	1/4	3,567.70	1/4	3,809.76	1/4	4,050.83	1/4	4,291.60	1/4	4,531.87	1/4	
1/2	131.13	1/2	480.97	1/2	830.94	1/2	1,180.96	1/2	1,531.01	1/2	1,881.06	1/2	2,231.12	1/2	2,581.17	1/2	2,931.23	1/2	3,281.24	1/2	3,572.74	1/2	3,814.80	1/2	4,055.84	1/2	4,296.62	1/2	4,536.80	1/2	
3/4	138.38	3/4	488.27	3/4	838.23	3/4	1,188.25	3/4	1,538.30	3/4	1,888.36	3/4	2,238.41	3/4	2,588.47	3/4	2,938.52	3/4	3,288.53	3/4	3,577.79	3/4	3,819.84	3/4	4,060.86	3/4	4,301.64	3/4	4,541.73	3/4	
5	145.64	5	495.56	5	845.52	5	1,195.54	5	1,545.60	5	1,895.65	5	2,245.70	5	2,595.76	5	2,945.81	5	3,295.82	5	3,582.83	5	3,824.88	5	4,065.87	5	4,306.65	5	4,546.66	5	
1/4	152.91	1/4	502.85	1/4	852.82	1/4	1,202.83	1/4	1,552.89	1/4	1,902.94	1/4	2,253.00	1/4	2,603.05	1/4	2,953.11	1/4	3,303.11	1/4	3,587.87	1/4	3,829.93	1/4	4,070.89	1/4	4,311.67	1/4	4,551.30	1/4	
1/2	160.19	1/2	510.14	1/2	860.11	1/2	1,210.13	1/2	1,560.18	1/2	1,910.24	1/2	2,260.29	1/2	2,610.34	1/2	2,960.40	1/2	3,310.40	1/2	3,592.92	1/2	3,834.97	1/2	4,075.91	1/2	4,316.68	1/2	4,555.93	1/2	
3/4	167.46	3/4	517.43	3/4	867.40	3/4	1,217.42	3/4	1,567.47	3/4	1,917.53	3/4	2,267.58	3/4	2,617.64	3/4	2,967.69	3/4	3,317.69	3/4	3,597.96	3/4	3,840.01	3/4	4,080.92	3/4	4,321.70	3/4	4,560.57	3/4	
6	174.73	6	524.72	6	874.69	6	1,224.71	6	1,574.77	6	1,924.82	6	2,274.88	6	2,624.93	6	2,974.98	6	3,324.98	6	3,603.00	6	3,845.06	6	4,085.94	6	4,326.72	6	4,565.21	6	
1/4	182.02	1/4	532.01	1/4	881.98	1/4	1,232.01	1/4	1,582.06	1/4	1,932.11	1/4	2,282.17	1/4	2,632.22	1/4	2,982.28	1/4	3,332.27	1/4	3,608.04	1/4	3,850.10	1/4	4,090.96	1/4	4,331.73	1/4	4,568.70	1/4	
1/2	189.30	1/2	539.30	1/2	889.27	1/2	1,239.30	1/2	1,589.35	1/2	1,939.41	1/2	2,289.46	1/2	2,639.52	1/2	2,989.57	1/2	3,339.56	1/2	3,613.09	1/2	3,855.14	1/2	4,095.97	1/2	4,336.75	1/2	4,572.20	1/2	
3/4	196.59	3/4	546.59	3/4	896.56	3/4	1,246.59	3/4	1,596.65	3/4	1,946.70	3/4	2,296.75	3/4	2,646.81	3/4	2,996.86	3/4	3,346.86	3/4	3,618.13	3/4	3,860.18	3/4	4,100.99	3/4	4,341.77	3/4	4,575.70	3/4	
7	203.87	7	553.88	7	903.85	7	1,253.88	7	1,603.94	7	1,953.99	7	2,304.05	7	2,654.10	7	3,004.16	7	3,354.15	7	3,623.17	7	3,865.23	7	4,106.00	7	4,346.78	7	4,579.20	7	
1/4	211.16	1/4	561.18	1/4	911.14	1/4	1,261.18	1/4	1,611.23	1/4	1,961.29	1/4	2,311.34	1/4	2,661.39	1/4	3,011.45	1/4	3,361.44	1/4	3,628.22	1/4	3,870.24	1/4	4,111.02	1/4	4,351.80	1/8	4,580.34	1/4	
1/2	218.45	1/2	568.47	1/2	918.43	1/2	1,268.47	1/2	1,618.52	1/2	1,968.58	1/2	2,318.63	1/2	2,668.69	1/2	3,018.74	1/2	3,368.73	1/2	3,633.26	1/2	3,875.26	1/2	4,116.04	1/2	4,356.81	1/2		1/2	
3/4	225.74	3/4	575.76	3/4	925.72	3/4	1,275.76	3/4	1,625.82	3/4	1,975.87	3/4	2,325.93	3/4	2,675.98	3/4	3,026.03	3/4	3,376.02	3/4	3,638.30	3/4	3,880.28	3/4	4,121.05	3/4	4,361.83	3/4		3/4	
8	233.03	8	583.05	8	933.02	8	1,283.05	8	1,633.11	8	1,983.16	8	2,333.22	8	2,683.27	8	3,033.33	8	3,383.31	8	3,643.34	8	3,885.29	8	4,126.07	8	4,366.85	8		8	
1/4	240.33	1/4	590.34	1/4	940.31	1/4	1,290.35	1/4	1,640.40	1/4	1,990.46	1/4	2,340.51	1/4	2,690.57	1/4	3,040.62	1/4	3,390.60	1/4	3,648.39	1/4	3,890.31	1/4	4,131.09	1/4	4,371.86	1/4		1/4	
1/2	247.62	1/2	597.63	1/2	947.60	1/2	1,297.64	1/2	1,647.69	1/2	1,997.75	1/2	2,347.80	1/2	2,697.86	1/2	3,047.91	1/2	3,397.89	1/2	3,653.43	1/2	3,895.32	1/2	4,136.10	1/2	4,376.88	1/2		1/2	
3/4	254.91	3/4	604.92	3/4	954.89	3/4	1,304.93	3/4	1,654.99	3/4	2,005.04	3/4	2,355.10	3/4	2,705.15	3/4	3,055.21	3/4	3,405.18	3/4	3,658.47	3/4	3,900.34	3/4	4,141.12	3/4	4,381.90	3/4		3/4	
9	262.20	9	612.21	9	962.18	9	1,312.23	9	1,662.28	9	2,012.33	9	2,362.39	9	2,712.44	9	3,062.50	9	3,412.47	9	3,663.51	9	3,905.36	9	4,146.13	9	4,386.91	9		9	
1/4	269.50	1/4	619.50	1/4	969.47	1/4	1,319.52	1/4	1,669.57	1/4	2,019.63	1/4																			



BARGE: NGL 3019
JEFFBOAT 14-2898

3 PORT
INNAGE 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	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.
0	15.21	0	349.84	0	699.97	0	1,049.29	0	1,398.88	0	1,748.69	0	2,098.78	0	2,448.97	0	2,799.16	0	3,149.36	0	3,481.47	0	3,723.67	0	3,965.33	0	4,206.25	0	4,447.18	0	
1/4	19.77	1/4	357.14	1/4	707.24	1/4	1,056.58	1/4	1,406.16	1/4	1,755.98	1/4	2,106.07	1/4	2,456.26	1/4	2,806.46	1/4	3,156.65	1/4	3,486.52	1/4	3,728.71	1/4	3,970.35	1/4	4,211.27	1/4	4,452.19	1/4	
1/2	24.33	1/2	364.43	1/2	714.52	1/2	1,063.87	1/2	1,413.44	1/2	1,763.27	1/2	2,113.37	1/2	2,463.56	1/2	2,813.75	1/2	3,163.94	1/2	3,491.57	1/2	3,733.76	1/2	3,975.37	1/2	4,216.29	1/2	4,457.20	1/2	
3/4	28.89	3/4	371.73	3/4	721.80	3/4	1,071.17	3/4	1,420.73	3/4	1,770.55	3/4	2,120.66	3/4	2,470.86	3/4	2,821.05	3/4	3,171.24	3/4	3,496.61	3/4	3,738.80	3/4	3,980.39	3/4	4,221.31	3/4	4,462.22	3/4	
1	33.45	1	379.02	1	729.08	1	1,078.46	1	1,428.01	1	1,777.84	1	2,127.96	1	2,478.15	1	2,828.35	1	3,178.53	1	3,501.66	1	3,743.85	1	3,985.41	1	4,226.33	1	4,467.23	1	
1/4	39.83	1/4	386.32	1/4	736.35	1/4	1,085.76	1/4	1,435.29	1/4	1,785.13	1/4	2,135.25	1/4	2,485.45	1/4	2,835.64	1/4	3,185.83	1/4	3,506.70	1/4	3,748.90	1/4	3,990.43	1/4	4,231.35	1/4	4,472.23	1/4	
1/2	46.20	1/2	393.61	1/2	743.63	1/2	1,093.05	1/2	1,442.57	1/2	1,792.42	1/2	2,142.55	1/2	2,492.74	1/2	2,842.94	1/2	3,193.12	1/2	3,511.75	1/2	3,753.94	1/2	3,995.45	1/2	4,236.37	1/2	4,477.24	1/2	
3/4	52.58	3/4	400.91	3/4	750.91	3/4	1,100.35	3/4	1,449.85	3/4	1,799.71	3/4	2,149.85	3/4	2,500.04	3/4	2,850.23	3/4	3,200.41	3/4	3,516.79	3/4	3,758.99	3/4	4,000.47	3/4	4,241.39	3/4	4,482.24	3/4	
2	58.96	2	408.20	2	758.19	2	1,107.64	2	1,457.13	2	1,807.00	2	2,157.14	2	2,507.33	2	2,857.53	2	3,207.71	2	3,521.84	2	3,764.03	2	4,005.48	2	4,246.41	2	4,487.25	2	
1/4	66.15	1/4	415.50	1/4	765.46	1/4	1,114.92	1/4	1,464.42	1/4	1,814.29	1/4	2,164.44	1/4	2,514.63	1/4	2,864.82	1/4	3,215.00	1/4	3,526.89	1/4	3,769.08	1/4	4,010.50	1/4	4,251.43	1/4	4,492.24	1/4	
1/2	73.34	1/2	422.79	1/2	772.74	1/2	1,122.20	1/2	1,471.72	1/2	1,821.57	1/2	2,171.73	1/2	2,521.93	1/2	2,872.12	1/2	3,222.29	1/2	3,531.93	1/2	3,774.12	1/2	4,015.52	1/2	4,256.44	1/2	4,497.22	1/2	
3/4	80.53	3/4	430.09	3/4	780.02	3/4	1,129.48	3/4	1,479.01	3/4	1,828.86	3/4	2,179.03	3/4	2,529.22	3/4	2,879.42	3/4	3,229.59	3/4	3,536.98	3/4	3,779.17	3/4	4,020.54	3/4	4,261.46	3/4	4,502.21	3/4	
3	87.72	3	437.39	3	787.30	3	1,136.77	3	1,486.31	3	1,836.15	3	2,186.32	3	2,536.52	3	2,886.71	3	3,236.88	3	3,542.02	3	3,784.22	3	4,025.56	3	4,266.48	3	4,507.20	3	
1/4	94.95	1/4	444.68	1/4	794.57	1/4	1,144.05	1/4	1,493.60	1/4	1,843.44	1/4	2,193.62	1/4	2,543.81	1/4	2,894.01	1/4	3,244.18	1/4	3,547.07	1/4	3,789.26	1/4	4,030.58	1/4	4,271.50	1/4	4,512.17	1/4	
1/2	102.18	1/2	451.98	1/2	801.85	1/2	1,151.33	1/2	1,500.90	1/2	1,850.73	1/2	2,200.92	1/2	2,551.11	1/2	2,901.30	1/2	3,251.47	1/2	3,552.11	1/2	3,794.31	1/2	4,035.60	1/2	4,276.52	1/2	4,517.14	1/2	
3/4	109.42	3/4	459.27	3/4	809.13	3/4	1,158.61	3/4	1,508.19	3/4	1,858.02	3/4	2,208.21	3/4	2,558.40	3/4	2,908.60	3/4	3,258.76	3/4	3,557.16	3/4	3,799.35	3/4	4,040.62	3/4	4,281.54	3/4	4,522.10	3/4	
4	116.65	4	466.57	4	816.41	4	1,165.89	4	1,515.49	4	1,865.31	4	2,215.51	4	2,565.70	4	2,915.89	4	3,266.06	4	3,562.21	4	3,804.40	4	4,045.64	4	4,286.56	4	4,527.07	4	
1/4	123.91	1/4	473.86	1/4	823.68	1/4	1,173.17	1/4	1,522.77	1/4	1,872.60	1/4	2,222.80	1/4	2,573.00	1/4	2,923.19	1/4	3,273.35	1/4	3,567.25	1/4	3,809.44	1/4	4,050.66	1/4	4,291.58	1/4	4,532.00	1/4	
1/2	131.17	1/2	481.15	1/2	830.96	1/2	1,180.45	1/2	1,530.06	1/2	1,879.90	1/2	2,230.10	1/2	2,580.29	1/2	2,930.49	1/2	3,280.64	1/2	3,572.30	1/2	3,814.49	1/2	4,055.68	1/2	4,296.60	1/2	4,536.94	1/2	
3/4	138.43	3/4	488.45	3/4	838.24	3/4	1,187.73	3/4	1,537.35	3/4	1,887.19	3/4	2,237.39	3/4	2,587.59	3/4	2,937.78	3/4	3,287.94	3/4	3,577.34	3/4	3,819.54	3/4	4,060.70	3/4	4,301.62	3/4	4,541.87	3/4	
5	145.69	5	495.74	5	845.52	5	1,195.01	5	1,544.64	5	1,894.49	5	2,244.69	5	2,594.88	5	2,945.08	5	3,295.23	5	3,582.39	5	3,824.58	5	4,065.72	5	4,306.64	5	4,546.80	5	
1/4	152.97	1/4	503.04	1/4	852.79	1/4	1,202.30	1/4	1,551.93	1/4	1,901.79	1/4	2,251.99	1/4	2,602.18	1/4	2,952.37	1/4	3,302.53	1/4	3,587.43	1/4	3,829.63	1/4	4,070.73	1/4	4,311.66	1/4	4,551.44	1/4	
1/2	160.24	1/2	510.33	1/2	860.07	1/2	1,209.58	1/2	1,559.22	1/2	1,909.08	1/2	2,259.28	1/2	2,609.47	1/2	2,959.67	1/2	3,309.82	1/2	3,592.48	1/2	3,834.67	1/2	4,075.75	1/2	4,316.68	1/2	4,556.08	1/2	
3/4	167.52	3/4	517.62	3/4	867.35	3/4	1,216.86	3/4	1,566.50	3/4	1,916.38	3/4	2,266.58	3/4	2,616.77	3/4	2,966.96	3/4	3,317.11	3/4	3,597.53	3/4	3,839.72	3/4	4,080.77	3/4	4,321.69	3/4	4,560.72	3/4	
6	174.80	6	524.92	6	874.63	6	1,224.14	6	1,573.79	6	1,923.67	6	2,273.87	6	2,624.07	6	2,974.26	6	3,324.41	6	3,602.57	6	3,844.76	6	4,085.79	6	4,326.71	6	4,565.36	6	
1/4	182.08	1/4	532.21	1/4	881.90	1/4	1,231.42	1/4	1,581.08	1/4	1,930.97	1/4	2,281.17	1/4	2,631.36	1/4	2,981.56	1/4	3,331.70	1/4	3,607.62	1/4	3,849.81	1/4	4,090.81	1/4	4,331.73	1/4	4,568.86	1/4	
1/2	189.37	1/2	539.51	1/2	889.18	1/2	1,238.70	1/2	1,588.37	1/2	1,938.27	1/2	2,288.46	1/2	2,638.66	1/2	2,988.85	1/2	3,339.00	1/2	3,612.66	1/2	3,854.86	1/2	4,095.83	1/2	4,336.75	1/2	4,572.36	1/2	
3/4	196.66	3/4	546.80	3/4	896.45	3/4	1,245.98	3/4	1,595.65	3/4	1,945.56	3/4	2,295.76	3/4	2,645.95	3/4	2,996.15	3/4	3,346.29	3/4	3,617.71	3/4	3,859.90	3/4	4,100.85	3/4	4,341.77	3/4	4,575.86	3/4	
7	203.95	7	554.09	7	903.73	7	1,253.26	7	1,602.94	7	1,952.86	7	2,303.06	7	2,653.25	7	3,003.44	7	3,353.58	7	3,622.75	7	3,864.95	7	4,105.87	7	4,346.79	7	4,579.36	7	
1/4	211.24	1/4	561.39	1/4	911.01	1/4	1,260.54	1/4	1,610.23	1/4	1,960.15	1/4	2,310.35	1/4	2,660.54	1/4	3,010.74	1/4	3,360.88	1/4	3,627.80	1/4	3,869.97	1/4	4,110.89	1/4	4,351.81	1/8	4,580.50	1/4	
1/2	218.53	1/2	568.68	1/2	918.28	1/2	1,267.83	1/2	1,617.51	1/2	1,967.45	1/2	2,317.65	1/2	2,667.84	1/2	3,018.03	1/2	3,368.17	1/2	3,632.84	1/2	3,874.99	1/2	4,115.91	1/2	4,356.83	1/2		1/2	
3/4	225.83	3/4	575.97	3/4	925.56	3/4	1,275.11	3/4	1,624.80	3/4	1,974.75	3/4	2,324.94	3/4	2,675.14	3/4	3,025.33	3/4	3,375.46	3/4	3,637.89	3/4	3,880.00	3/4	4,120.93	3/4	4,361.85	3/4		3/4	
8	233.12	8	583.27	8	932.84	8	1,282.39	8	1,632.09	8	1,982.04	8	2,332.24	8	2,682.43	8	3,032.63	8	3,382.76	8	3,642.94	8	3,885.02	8	4,125.95	8	4,366.87	8		8	
1/4	240.41	1/4	590.56	1/4	940.11	1/4	1,289.67	1/4	1,639.37	1/4	1,989.34	1/4	2,339.53	1/4	2,689.73	1/4	3,039.92	1/4	3,390.05	1/4	3,647.98	1/4	3,890.04	1/4	4,130.96	1/4	4,371.89	1/4		1/4	
1/2	247.71	1/2	597.86	1/2	947.39	1/2	1,296.95	1/2	1,646.66	1/2	1,996.63	1/2	2,346.83	1/2	2,697.02	1/2	3,047.22	1/2	3,397.35	1/2	3,653.03	1/2	3,895.06	1/2	4,135.98	1/2	4,376.91	1/2		1/2	
3/4	255.00	3/4	605.15	3/4	954.67	3/4	1,304.23	3/4	1,653.95	3/4	2,003.93	3/4	2,354.13	3/4	2,704.32	3/4	3,054.51	3/4	3,404.64	3/4	3,658.07	3/4	3,900.08	3/4	4,141.00	3/4	4,381.92	3/4		3/4	
9	262.30	9	612.44	9	961.94	9	1,311.51	9	1,661.24	9	2,011.23	9	2,361.42	9	2,711.61	9	3,061.81	9	3,411.93	9	3,663.12	9	3,905.10	9	4,146.02	9	4,386.94	9		9	
1/4	269.59	1/4	619.74	1/4	969.22	1/4	1,318.79	1/4	1,668.53	1/4	2,018.52</																				



BARGE: NGL 3019
JEFFBOAT 14-2898

2 STBD
INNAGE 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	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.
0	15.25	0	350.64	0	701.61	0	1,052.52	0	1,403.51	0	1,754.52	0	2,105.52	0	2,456.53	0	2,807.53	0	3,158.54	0	3,509.45	0	3,860.36	0	4,210.73	0	4,560.36	0	4,909.99	0	
1/4	19.82	1/4	357.96	1/4	708.93	1/4	1,059.83	1/4	1,410.83	1/4	1,761.83	1/4	2,112.84	1/4	2,463.84	1/4	2,814.85	1/4	3,165.85	1/4	3,516.76	1/4	3,867.67	1/4	4,218.02	1/4	4,567.65	1/4	4,917.27	1/4	
1/2	24.39	1/2	365.27	1/2	716.24	1/2	1,067.14	1/2	1,418.14	1/2	1,769.14	1/2	2,120.15	1/2	2,471.15	1/2	2,822.16	1/2	3,173.16	1/2	3,524.07	1/2	3,874.98	1/2	4,225.30	1/2	4,574.93	1/2	4,924.55	1/2	
3/4	28.96	3/4	372.58	3/4	723.55	3/4	1,074.45	3/4	1,425.45	3/4	1,776.46	3/4	2,127.46	3/4	2,478.47	3/4	2,829.47	3/4	3,180.47	3/4	3,531.38	3/4	3,882.29	3/4	4,232.58	3/4	4,582.22	3/4	4,931.83	3/4	
1	33.53	1	379.89	1	730.86	1	1,081.76	1	1,432.76	1	1,783.77	1	2,134.77	1	2,485.78	1	2,836.78	1	3,187.78	1	3,538.69	1	3,889.60	1	4,239.87	1	4,589.50	1	4,939.11	1	
1/4	39.92	1/4	387.20	1/4	738.17	1/4	1,089.07	1/4	1,440.08	1/4	1,791.08	1/4	2,142.09	1/4	2,493.09	1/4	2,844.10	1/4	3,195.09	1/4	3,546.00	1/4	3,896.91	1/4	4,247.15	1/4	4,596.78	1/4	4,946.38	1/4	
1/2	46.31	1/2	394.52	1/2	745.49	1/2	1,096.39	1/2	1,447.39	1/2	1,798.39	1/2	2,149.40	1/2	2,500.40	1/2	2,851.41	1/2	3,202.40	1/2	3,553.31	1/2	3,904.22	1/2	4,254.44	1/2	4,604.07	1/2	4,953.64	1/2	
3/4	52.70	3/4	401.83	3/4	752.80	3/4	1,103.70	3/4	1,454.70	3/4	1,805.71	3/4	2,156.71	3/4	2,507.72	3/4	2,858.72	3/4	3,209.71	3/4	3,560.62	3/4	3,911.53	3/4	4,261.72	3/4	4,611.35	3/4	4,960.91	3/4	
2	59.09	2	409.14	2	760.11	2	1,111.01	2	1,462.01	2	1,813.02	2	2,164.02	2	2,515.03	2	2,866.03	2	3,217.02	2	3,567.93	2	3,918.84	2	4,269.00	2	4,618.64	2	4,968.18	2	
1/4	66.30	1/4	416.45	1/4	767.42	1/4	1,118.32	1/4	1,469.33	1/4	1,820.33	1/4	2,171.34	1/4	2,522.34	1/4	2,873.35	1/4	3,224.33	1/4	3,575.24	1/4	3,926.15	1/4	4,276.29	1/4	4,625.92	1/4	4,975.44	1/4	
1/2	73.51	1/2	423.76	1/2	774.73	1/2	1,125.63	1/2	1,476.64	1/2	1,827.64	1/2	2,178.65	1/2	2,529.65	1/2	2,880.66	1/2	3,231.64	1/2	3,582.55	1/2	3,933.46	1/2	4,283.57	1/2	4,633.20	1/2	4,982.69	1/2	
3/4	80.71	3/4	431.07	3/4	782.05	3/4	1,132.95	3/4	1,483.95	3/4	1,834.96	3/4	2,185.96	3/4	2,536.97	3/4	2,887.97	3/4	3,238.95	3/4	3,589.86	3/4	3,940.77	3/4	4,290.86	3/4	4,640.49	3/4	4,989.94	3/4	
3	87.92	3	438.39	3	789.36	3	1,140.26	3	1,491.26	3	1,842.27	3	2,193.27	3	2,544.28	3	2,895.28	3	3,246.26	3	3,597.17	3	3,948.08	3	4,298.14	3	4,647.77	3	4,997.20	3	
1/4	95.17	1/4	445.70	1/4	796.67	1/4	1,147.57	1/4	1,498.58	1/4	1,849.58	1/4	2,200.59	1/4	2,551.59	1/4	2,902.60	1/4	3,253.58	1/4	3,604.48	1/4	3,955.39	1/4	4,305.42	1/4	4,655.06	1/4	5,004.43	1/4	
1/2	102.42	1/2	453.01	1/2	803.98	1/2	1,154.89	1/2	1,505.89	1/2	1,856.89	1/2	2,207.90	1/2	2,558.90	1/2	2,909.91	1/2	3,260.89	1/2	3,611.79	1/2	3,962.70	1/2	4,312.71	1/2	4,662.34	1/2	5,011.66	1/2	
3/4	109.67	3/4	460.32	3/4	811.29	3/4	1,162.20	3/4	1,513.20	3/4	1,864.21	3/4	2,215.21	3/4	2,566.22	3/4	2,917.22	3/4	3,268.20	3/4	3,619.11	3/4	3,970.01	3/4	4,319.99	3/4	4,669.62	3/4	5,018.89	3/4	
4	116.92	4	467.63	4	818.60	4	1,169.51	4	1,520.52	4	1,871.52	4	2,222.52	4	2,573.53	4	2,924.53	4	3,275.51	4	3,626.42	4	3,977.32	4	4,327.28	4	4,676.91	4	5,026.12	4	
1/4	124.20	1/4	474.95	1/4	825.91	1/4	1,176.82	1/4	1,527.83	1/4	1,878.83	1/4	2,229.84	1/4	2,580.84	1/4	2,931.85	1/4	3,282.82	1/4	3,633.73	1/4	3,984.64	1/4	4,334.56	1/4	4,684.19	1/4	5,033.32	1/4	
1/2	131.47	1/2	482.26	1/2	833.22	1/2	1,184.14	1/2	1,535.14	1/2	1,886.15	1/2	2,237.15	1/2	2,588.15	1/2	2,939.16	1/2	3,290.13	1/2	3,641.04	1/2	3,991.95	1/2	4,341.84	1/2	4,691.48	1/2	5,040.52	1/2	
3/4	138.75	3/4	489.57	3/4	840.53	3/4	1,191.45	3/4	1,542.45	3/4	1,893.46	3/4	2,244.46	3/4	2,595.47	3/4	2,946.47	3/4	3,297.44	3/4	3,648.35	3/4	3,999.26	3/4	4,349.13	3/4	4,698.76	3/4	5,047.72	3/4	
5	146.03	5	496.88	5	847.84	5	1,198.76	5	1,549.77	5	1,900.77	5	2,251.78	5	2,602.78	5	2,953.78	5	3,304.75	5	3,655.66	5	4,006.57	5	4,356.41	5	4,706.04	5	5,054.91	5	
1/4	153.32	1/4	504.19	1/4	855.15	1/4	1,206.07	1/4	1,557.08	1/4	1,908.08	1/4	2,259.09	1/4	2,610.09	1/4	2,961.10	1/4	3,312.06	1/4	3,662.97	1/4	4,013.88	1/4	4,363.70	1/4	4,713.33	1/4	5,061.82	1/4	
1/2	160.61	1/2	511.51	1/2	862.46	1/2	1,213.39	1/2	1,564.39	1/2	1,915.40	1/2	2,266.40	1/2	2,617.41	1/2	2,968.41	1/2	3,319.37	1/2	3,670.28	1/2	4,021.19	1/2	4,370.98	1/2	4,720.61	1/2	5,068.72	1/2	
3/4	167.90	3/4	518.82	3/4	869.77	3/4	1,220.70	3/4	1,571.70	3/4	1,922.71	3/4	2,273.71	3/4	2,624.72	3/4	2,975.72	3/4	3,326.68	3/4	3,677.59	3/4	4,028.50	3/4	4,378.26	3/4	4,727.90	3/4	5,075.62	3/4	
6	175.20	6	526.13	6	877.08	6	1,228.01	6	1,579.02	6	1,930.02	6	2,281.03	6	2,632.03	6	2,983.04	6	3,333.99	6	3,684.90	6	4,035.81	6	4,385.55	6	4,735.18	6	5,082.52	6	
1/4	182.50	1/4	533.44	1/4	884.39	1/4	1,235.32	1/4	1,586.33	1/4	1,937.33	1/4	2,288.34	1/4	2,639.34	1/4	2,990.35	1/4	3,341.30	1/4	3,692.21	1/4	4,043.12	1/4	4,392.83	1/4	4,742.46	1/4	5,088.29	1/4	
1/2	189.81	1/2	540.75	1/2	891.70	1/2	1,242.64	1/2	1,593.64	1/2	1,944.65	1/2	2,295.65	1/2	2,646.66	1/2	2,997.66	1/2	3,348.61	1/2	3,699.52	1/2	4,050.43	1/2	4,400.12	1/2	4,749.75	1/2	5,094.05	1/2	
3/4	197.11	3/4	548.07	3/4	899.01	3/4	1,249.95	3/4	1,600.95	3/4	1,951.96	3/4	2,302.96	3/4	2,653.97	3/4	3,004.97	3/4	3,355.92	3/4	3,706.83	3/4	4,057.74	3/4	4,407.40	3/4	4,757.03	3/4	5,099.81	3/4	
7	204.41	7	555.38	7	906.32	7	1,257.26	7	1,608.27	7	1,959.27	7	2,310.28	7	2,661.28	7	3,012.29	7	3,363.23	7	3,714.14	7	4,065.05	7	4,414.68	7	4,764.32	7	5,105.57	7	
1/4	211.72	1/4	562.69	1/4	913.63	1/4	1,264.57	1/4	1,615.58	1/4	1,966.58	1/4	2,317.59	1/4	2,668.59	1/4	3,019.60	1/4	3,370.55	1/4	3,721.45	1/4	4,072.34	1/4	4,421.97	1/4	4,771.60	1/8	5,107.85	1/4	
1/2	219.03	1/2	570.00	1/2	920.94	1/2	1,271.89	1/2	1,622.89	1/2	1,973.90	1/2	2,324.90	1/2	2,675.91	1/2	3,026.91	1/2	3,377.86	1/2	3,728.76	1/2	4,079.62	1/2	4,429.25	1/2	4,778.88	1/2		1/2	
3/4	226.34	3/4	577.31	3/4	928.25	3/4	1,279.20	3/4	1,630.20	3/4	1,981.21	3/4	2,332.21	3/4	2,683.22	3/4	3,034.22	3/4	3,385.17	3/4	3,736.08	3/4	4,086.90	3/4	4,436.54	3/4	4,786.17	3/4		3/4	
8	233.65	8	584.62	8	935.56	8	1,286.51	8	1,637.52	8	1,988.52	8	2,339.53	8	2,690.53	8	3,041.54	8	3,392.48	8	3,743.39	8	4,094.19	8	4,443.82	8	4,793.45	8		8	
1/4	240.97	1/4	591.94	1/4	942.87	1/4	1,293.82	1/4	1,644.83	1/4	1,995.83	1/4	2,346.84	1/4	2,697.84	1/4	3,048.85	1/4	3,399.79	1/4	3,750.70	1/4	4,101.47	1/4	4,451.10	1/4	4,800.74	1/4		1/4	
1/2	248.28	1/2	599.25	1/2	950.18	1/2	1,301.14	1/2	1,652.14	1/2	2,003.15	1/2	2,354.15	1/2	2,705.16	1/2	3,056.16	1/2	3,407.10	1/2	3,758.01	1/2	4,108.76	1/2	4,458.39	1/2	4,808.02	1/2		1/2	
3/4	255.59	3/4	606.56	3/4	957.49	3/4	1,308.45	3/4	1,659.45	3/4	2,010.46	3/4	2,361.46	3/4	2,712.47	3/4	3,063.47	3/4	3,414.41	3/4	3,765.32	3/4	4,116.04	3/4	4,465.67	3/4	4,815.30	3/4		3/4	
9	262.90	9	613.87	9	964.80	9	1,315.76	9	1,666.77	9	2,017.77	9	2,368.78	9	2,719.78	9	3,070.79	9	3,421.72	9	3,772.63	9	4,123.32	9	4,472.96	9	4,822.59	9		9	
1/4																															



BARGE: NGL 3019 JEFFBOAT 14-2898

2 PORT INNAGE 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	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.
0	15.25	0	350.76	0	701.85	0	1,052.22	0	1,402.62	0	1,753.46	0	2,104.58	0	2,455.70	0	2,806.83	0	3,157.95	0	3,508.97	0	3,859.99	0	4,210.48	0	4,560.23	0	4,909.99	0	
1/4	19.82	1/4	358.07	1/4	709.16	1/4	1,059.52	1/4	1,409.92	1/4	1,760.77	1/4	2,111.89	1/4	2,463.02	1/4	2,814.14	1/4	3,165.26	1/4	3,516.28	1/4	3,867.30	1/4	4,217.77	1/4	4,567.52	1/4	4,917.27	1/4	
1/2	24.40	1/2	365.39	1/2	716.47	1/2	1,066.82	1/2	1,417.22	1/2	1,768.08	1/2	2,119.21	1/2	2,470.33	1/2	2,821.46	1/2	3,172.58	1/2	3,523.60	1/2	3,874.62	1/2	4,225.05	1/2	4,574.81	1/2	4,924.55	1/2	
3/4	28.97	3/4	372.70	3/4	723.79	3/4	1,074.12	3/4	1,424.52	3/4	1,775.40	3/4	2,126.52	3/4	2,477.65	3/4	2,828.77	3/4	3,179.89	3/4	3,530.91	3/4	3,881.93	3/4	4,232.34	3/4	4,582.09	3/4	4,931.83	3/4	
1	33.54	1	380.02	1	731.10	1	1,081.42	1	1,431.82	1	1,782.71	1	2,133.84	1	2,484.96	1	2,836.09	1	3,187.20	1	3,538.22	1	3,889.24	1	4,239.63	1	4,589.38	1	4,939.11	1	
1/4	39.93	1/4	387.33	1/4	738.42	1/4	1,088.72	1/4	1,439.12	1/4	1,790.03	1/4	2,141.15	1/4	2,492.28	1/4	2,843.40	1/4	3,194.52	1/4	3,545.54	1/4	3,896.55	1/4	4,246.91	1/4	4,596.67	1/4	4,946.38	1/4	
1/2	46.32	1/2	394.65	1/2	745.73	1/2	1,096.02	1/2	1,446.42	1/2	1,797.34	1/2	2,148.47	1/2	2,499.59	1/2	2,850.72	1/2	3,201.83	1/2	3,552.85	1/2	3,903.87	1/2	4,254.20	1/2	4,603.95	1/2	4,953.65	1/2	
3/4	52.72	3/4	401.96	3/4	753.05	3/4	1,103.31	3/4	1,453.72	3/4	1,804.66	3/4	2,155.78	3/4	2,506.91	3/4	2,858.03	3/4	3,209.14	3/4	3,560.16	3/4	3,911.18	3/4	4,261.49	3/4	4,611.24	3/4	4,960.92	3/4	
2	59.11	2	409.27	2	760.36	2	1,110.61	2	1,461.02	2	1,811.97	2	2,163.10	2	2,514.22	2	2,865.35	2	3,216.46	2	3,567.47	2	3,918.49	2	4,268.77	2	4,618.53	2	4,968.19	2	
1/4	66.32	1/4	416.59	1/4	767.66	1/4	1,117.91	1/4	1,468.32	1/4	1,819.29	1/4	2,170.41	1/4	2,521.54	1/4	2,872.66	1/4	3,223.77	1/4	3,574.79	1/4	3,925.81	1/4	4,276.06	1/4	4,625.81	1/4	4,975.45	1/4	
1/2	73.53	1/2	423.90	1/2	774.96	1/2	1,125.21	1/2	1,475.62	1/2	1,826.60	1/2	2,177.73	1/2	2,528.85	1/2	2,879.98	1/2	3,231.08	1/2	3,582.10	1/2	3,933.12	1/2	4,283.35	1/2	4,633.10	1/2	4,982.71	1/2	
3/4	80.74	3/4	431.22	3/4	782.26	3/4	1,132.51	3/4	1,482.92	3/4	1,833.92	3/4	2,185.04	3/4	2,536.17	3/4	2,887.29	3/4	3,238.39	3/4	3,589.41	3/4	3,940.43	3/4	4,290.63	3/4	4,640.39	3/4	4,989.96	3/4	
3	87.95	3	438.53	3	789.56	3	1,139.81	3	1,490.22	3	1,841.23	3	2,192.36	3	2,543.48	3	2,894.61	3	3,245.71	3	3,596.73	3	3,947.75	3	4,297.92	3	4,647.67	3	4,997.22	3	
1/4	95.20	1/4	445.85	1/4	796.86	1/4	1,147.11	1/4	1,497.52	1/4	1,848.55	1/4	2,199.67	1/4	2,550.80	1/4	2,901.92	1/4	3,253.02	1/4	3,604.04	1/4	3,955.06	1/4	4,305.21	1/4	4,654.96	1/4	5,004.45	1/4	
1/2	102.45	1/2	453.16	1/2	804.16	1/2	1,154.41	1/2	1,504.82	1/2	1,855.86	1/2	2,206.99	1/2	2,558.11	1/2	2,909.24	1/2	3,260.33	1/2	3,611.35	1/2	3,962.37	1/2	4,312.49	1/2	4,662.24	1/2	5,011.69	1/2	
3/4	109.71	3/4	460.47	3/4	811.46	3/4	1,161.71	3/4	1,512.12	3/4	1,863.18	3/4	2,214.30	3/4	2,565.43	3/4	2,916.55	3/4	3,267.65	3/4	3,618.66	3/4	3,969.68	3/4	4,319.78	3/4	4,669.53	3/4	5,018.92	3/4	
4	116.96	4	467.79	4	818.76	4	1,169.01	4	1,519.42	4	1,870.49	4	2,221.62	4	2,572.74	4	2,923.87	4	3,274.96	4	3,625.98	4	3,977.00	4	4,327.07	4	4,676.82	4	5,026.16	4	
1/4	124.24	1/4	475.10	1/4	826.05	1/4	1,176.31	1/4	1,526.74	1/4	1,877.81	1/4	2,228.93	1/4	2,580.06	1/4	2,931.18	1/4	3,282.27	1/4	3,633.29	1/4	3,984.31	1/4	4,334.35	1/4	4,684.10	1/4	5,033.36	1/4	
1/2	131.52	1/2	482.42	1/2	833.35	1/2	1,183.61	1/2	1,534.05	1/2	1,885.12	1/2	2,236.25	1/2	2,587.37	1/2	2,938.50	1/2	3,289.58	1/2	3,640.60	1/2	3,991.62	1/2	4,341.64	1/2	4,691.39	1/2	5,040.56	1/2	
3/4	138.79	3/4	489.73	3/4	840.64	3/4	1,190.91	3/4	1,541.37	3/4	1,892.44	3/4	2,243.56	3/4	2,594.69	3/4	2,945.81	3/4	3,296.90	3/4	3,647.92	3/4	3,998.94	3/4	4,348.93	3/4	4,698.68	3/4	5,047.76	3/4	
5	146.07	5	497.05	5	847.93	5	1,198.21	5	1,548.68	5	1,899.75	5	2,250.88	5	2,602.00	5	2,953.13	5	3,304.21	5	3,655.23	5	4,006.25	5	4,356.21	5	4,705.96	5	5,054.96	5	
1/4	153.37	1/4	504.36	1/4	855.23	1/4	1,205.51	1/4	1,556.00	1/4	1,907.07	1/4	2,258.19	1/4	2,609.32	1/4	2,960.44	1/4	3,311.52	1/4	3,662.54	1/4	4,013.56	1/4	4,363.50	1/4	4,713.25	1/4	5,061.86	1/4	
1/2	160.66	1/2	511.67	1/2	862.52	1/2	1,212.81	1/2	1,563.31	1/2	1,914.39	1/2	2,265.51	1/2	2,616.63	1/2	2,967.76	1/2	3,318.84	1/2	3,669.85	1/2	4,020.87	1/2	4,370.78	1/2	4,720.54	1/2	5,068.77	1/2	
3/4	167.96	3/4	518.99	3/4	869.82	3/4	1,220.12	3/4	1,570.63	3/4	1,921.70	3/4	2,272.82	3/4	2,623.95	3/4	2,975.07	3/4	3,326.15	3/4	3,677.17	3/4	4,028.19	3/4	4,378.07	3/4	4,727.82	3/4	5,075.67	3/4	
6	175.26	6	526.30	6	877.11	6	1,227.42	6	1,577.94	6	1,929.02	6	2,280.14	6	2,631.26	6	2,982.39	6	3,333.46	6	3,684.48	6	4,035.50	6	4,385.36	6	4,735.11	6	5,082.58	6	
1/4	182.56	1/4	533.62	1/4	884.41	1/4	1,234.72	1/4	1,585.26	1/4	1,936.33	1/4	2,287.46	1/4	2,638.58	1/4	2,989.70	1/4	3,340.77	1/4	3,691.79	1/4	4,042.81	1/4	4,392.64	1/4	4,742.40	1/4	5,088.34	1/4	
1/2	189.87	1/2	540.93	1/2	891.70	1/2	1,242.02	1/2	1,592.57	1/2	1,943.65	1/2	2,294.77	1/2	2,645.89	1/2	2,997.02	1/2	3,348.09	1/2	3,699.11	1/2	4,050.13	1/2	4,399.93	1/2	4,749.68	1/2	5,094.10	1/2	
3/4	197.17	3/4	548.25	3/4	898.99	3/4	1,249.32	3/4	1,599.89	3/4	1,950.96	3/4	2,302.09	3/4	2,653.21	3/4	3,004.33	3/4	3,355.40	3/4	3,706.42	3/4	4,057.44	3/4	4,407.22	3/4	4,756.97	3/4	5,099.87	3/4	
7	204.48	7	555.56	7	906.29	7	1,256.62	7	1,607.20	7	1,958.28	7	2,309.40	7	2,660.53	7	3,011.65	7	3,362.71	7	3,713.73	7	4,064.75	7	4,414.50	7	4,764.26	7		7	
1/4	211.79	1/4	562.87	1/4	913.58	1/4	1,263.92	1/4	1,614.52	1/4	1,965.59	1/4	2,316.72	1/4	2,667.84	1/4	3,018.97	1/4	3,370.03	1/4	3,721.05	1/4	4,072.04	1/4	4,421.79	1/4	4,771.54	1/4		1/4	
1/2	219.11	1/2	570.19	1/2	920.88	1/2	1,271.22	1/2	1,621.83	1/2	1,972.91	1/2	2,324.03	1/2	2,675.16	1/2	3,026.28	1/2	3,377.34	1/2	3,728.36	1/2	4,079.32	1/2	4,429.08	1/2	4,778.83	1/2		1/2	
3/4	226.42	3/4	577.50	3/4	928.18	3/4	1,278.52	3/4	1,629.14	3/4	1,980.22	3/4	2,331.35	3/4	2,682.47	3/4	3,033.60	3/4	3,384.65	3/4	3,735.67	3/4	4,086.61	3/4	4,436.36	3/4	4,786.12	3/4		3/4	
8	233.73	8	584.82	8	935.48	8	1,285.82	8	1,636.46	8	1,987.54	8	2,338.66	8	2,689.79	8	3,040.91	8	3,391.96	8	3,742.98	8	4,093.90	8	4,443.65	8	4,793.40	8		8	
1/4	241.04	1/4	592.13	1/4	942.77	1/4	1,293.12	1/4	1,643.77	1/4	1,994.85	1/4	2,345.98	1/4	2,697.10	1/4	3,048.23	1/4	3,399.28	1/4	3,750.30	1/4	4,101.18	1/4	4,450.94	1/4	4,800.69	1/4		1/4	
1/2	248.36	1/2	599.45	1/2	950.07	1/2	1,300.42	1/2	1,651.09	1/2	2,002.17	1/2	2,353.29	1/2	2,704.42	1/2	3,055.54	1/2	3,406.59	1/2	3,757.61	1/2	4,108.47	1/2	4,458.22	1/2	4,807.97	1/2		1/2	
3/4	255.67	3/4	606.76	3/4	957.37	3/4	1,307.72	3/4	1,658.40	3/4	2,009.48	3/4	2,360.61	3/4	2,711.73	3/4	3,062.86	3/4	3,413.90	3/4	3,764.92	3/4	4,115.76	3/4	4,465.51	3/4	4,815.26	3/4		3/4	
9	262.99	9	614.07	9	964.66	9	1,315.02	9	1,665.71	9	2,016.80	9	2,367.92	9	2,719.05	9	3,070.17	9	3,421.22	9	3,772.24	9	4,123.04	9	4,472.80	9	4,822.55	9		9	
1/4	270.30	1/4	621.39	1/4	971.96	1/4	1,322.32	1/4	1,673.03	1/4	2,024.11	1/4	2,375.24	1/4	2,726.36	1/4	3,077														



BARGE: NGL 3019
JEFFBOAT 14-2898

1 STBD
INNAGE 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	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.
0	14.36	0	278.10	0	598.79	0	928.36	0	1,257.89	0	1,587.42	0	1,917.02	0	2,246.62	0	2,576.21	0	2,905.81	0	3,235.30	0	3,564.79	0	3,893.76	0	4,221.98	0	4,550.20	0	
1/4	17.15	1/4	284.41	1/4	605.65	1/4	935.23	1/4	1,264.75	1/4	1,594.29	1/4	1,923.89	1/4	2,253.48	1/4	2,583.08	1/4	2,912.67	1/4	3,242.17	1/4	3,571.66	1/4	3,900.59	1/4	4,228.82	1/4	4,557.03	1/4	
1/2	19.94	1/2	290.73	1/2	612.52	1/2	942.10	1/2	1,271.62	1/2	1,601.16	1/2	1,930.75	1/2	2,260.35	1/2	2,589.95	1/2	2,919.54	1/2	3,249.03	1/2	3,578.52	1/2	3,907.43	1/2	4,235.66	1/2	4,563.87	1/2	
3/4	22.73	3/4	297.04	3/4	619.39	3/4	948.96	3/4	1,278.48	3/4	1,608.02	3/4	1,937.62	3/4	2,267.22	3/4	2,596.81	3/4	2,926.40	3/4	3,255.89	3/4	3,585.39	3/4	3,914.27	3/4	4,242.49	3/4	4,570.70	3/4	
1	25.52	1	303.35	1	626.25	1	955.83	1	1,285.34	1	1,614.89	1	1,944.49	1	2,274.08	1	2,603.68	1	2,933.27	1	3,262.76	1	3,592.25	1	3,921.11	1	4,249.33	1	4,577.53	1	
1/4	30.09	1/4	309.74	1/4	633.12	1/4	962.70	1/4	1,292.21	1/4	1,621.76	1/4	1,951.35	1/4	2,280.95	1/4	2,610.55	1/4	2,940.13	1/4	3,269.62	1/4	3,599.11	1/4	3,927.95	1/4	4,256.17	1/4	4,584.36	1/4	
1/2	34.67	1/2	316.14	1/2	639.98	1/2	969.56	1/2	1,299.07	1/2	1,628.62	1/2	1,958.22	1/2	2,287.82	1/2	2,617.41	1/2	2,947.00	1/2	3,276.49	1/2	3,605.98	1/2	3,934.78	1/2	4,263.01	1/2	4,591.18	1/2	
3/4	39.25	3/4	322.53	3/4	646.85	3/4	976.43	3/4	1,305.94	3/4	1,635.49	3/4	1,965.09	3/4	2,294.68	3/4	2,624.28	3/4	2,953.86	3/4	3,283.35	3/4	3,612.84	3/4	3,941.62	3/4	4,269.85	3/4	4,598.00	3/4	
2	43.83	2	328.92	2	653.72	2	983.29	2	1,312.80	2	1,642.36	2	1,971.95	2	2,301.55	2	2,631.15	2	2,960.73	2	3,290.22	2	3,619.71	2	3,948.46	2	4,276.68	2	4,604.83	2	
1/4	49.26	1/4	335.39	1/4	660.58	1/4	990.16	1/4	1,319.66	1/4	1,649.22	1/4	1,978.82	1/4	2,308.42	1/4	2,638.01	1/4	2,967.59	1/4	3,297.08	1/4	3,626.57	1/4	3,955.30	1/4	4,283.52	1/4	4,611.64	1/4	
1/2	54.68	1/2	341.86	1/2	667.45	1/2	997.03	1/2	1,326.53	1/2	1,656.09	1/2	1,985.69	1/2	2,315.28	1/2	2,644.88	1/2	2,974.45	1/2	3,303.95	1/2	3,633.44	1/2	3,962.14	1/2	4,290.36	1/2	4,618.45	1/2	
3/4	60.10	3/4	348.33	3/4	674.31	3/4	1,003.89	3/4	1,333.39	3/4	1,662.96	3/4	1,992.55	3/4	2,322.15	3/4	2,651.75	3/4	2,981.32	3/4	3,310.81	3/4	3,640.30	3/4	3,968.97	3/4	4,297.20	3/4	4,625.26	3/4	
3	65.53	3	354.80	3	681.18	3	1,010.76	3	1,340.25	3	1,669.82	3	1,999.42	3	2,329.02	3	2,658.61	3	2,988.18	3	3,317.67	3	3,647.17	3	3,975.81	3	4,304.04	3	4,632.07	3	
1/4	71.07	1/4	361.35	1/4	688.05	1/4	1,017.62	1/4	1,347.12	1/4	1,676.69	1/4	2,006.29	1/4	2,335.88	1/4	2,665.48	1/4	2,995.05	1/4	3,324.54	1/4	3,654.03	1/4	3,982.65	1/4	4,310.87	1/4	4,638.86	1/4	
1/2	76.62	1/2	367.90	1/2	694.91	1/2	1,024.49	1/2	1,353.98	1/2	1,683.56	1/2	2,013.15	1/2	2,342.75	1/2	2,672.35	1/2	3,001.91	1/2	3,331.40	1/2	3,660.89	1/2	3,989.49	1/2	4,317.71	1/2	4,645.64	1/2	
3/4	82.16	3/4	374.46	3/4	701.78	3/4	1,031.36	3/4	1,360.85	3/4	1,690.42	3/4	2,020.02	3/4	2,349.62	3/4	2,679.21	3/4	3,008.78	3/4	3,338.27	3/4	3,667.76	3/4	3,996.33	3/4	4,324.55	3/4	4,652.43	3/4	
4	87.71	4	381.01	4	708.65	4	1,038.22	4	1,367.71	4	1,697.29	4	2,026.89	4	2,356.48	4	2,686.08	4	3,015.64	4	3,345.13	4	3,674.62	4	4,003.16	4	4,331.39	4	4,659.22	4	
1/4	93.35	1/4	387.63	1/4	715.51	1/4	1,045.09	1/4	1,374.57	1/4	1,704.15	1/4	2,033.75	1/4	2,363.35	1/4	2,692.95	1/4	3,022.50	1/4	3,352.00	1/4	3,681.49	1/4	4,010.00	1/4	4,338.23	1/4	4,665.98	1/4	
1/2	99.00	1/2	394.26	1/2	722.38	1/2	1,051.96	1/2	1,381.44	1/2	1,711.02	1/2	2,040.62	1/2	2,370.22	1/2	2,699.81	1/2	3,029.37	1/2	3,358.86	1/2	3,688.35	1/2	4,016.84	1/2	4,345.06	1/2	4,672.74	1/2	
3/4	104.65	3/4	400.89	3/4	729.24	3/4	1,058.82	3/4	1,388.31	3/4	1,717.89	3/4	2,047.48	3/4	2,377.08	3/4	2,706.68	3/4	3,036.23	3/4	3,365.72	3/4	3,695.22	3/4	4,023.68	3/4	4,351.90	3/4	4,679.49	3/4	
5	110.29	5	407.52	5	736.11	5	1,065.69	5	1,395.17	5	1,724.75	5	2,054.35	5	2,383.95	5	2,713.55	5	3,043.10	5	3,372.59	5	3,702.08	5	4,030.52	5	4,358.74	5	4,686.25	5	
1/4	116.04	1/4	414.23	1/4	742.98	1/4	1,072.55	1/4	1,402.04	1/4	1,731.62	1/4	2,061.22	1/4	2,390.81	1/4	2,720.41	1/4	3,049.96	1/4	3,379.45	1/4	3,708.94	1/4	4,037.35	1/4	4,365.58	1/4	4,692.73	1/4	
1/2	121.78	1/2	420.94	1/2	749.84	1/2	1,079.42	1/2	1,408.90	1/2	1,738.49	1/2	2,068.08	1/2	2,397.68	1/2	2,727.28	1/2	3,056.83	1/2	3,386.32	1/2	3,715.81	1/2	4,044.19	1/2	4,372.42	1/2	4,699.21	1/2	
3/4	127.52	3/4	427.65	3/4	756.71	3/4	1,086.28	3/4	1,415.77	3/4	1,745.35	3/4	2,074.95	3/4	2,404.55	3/4	2,734.14	3/4	3,063.69	3/4	3,393.18	3/4	3,722.67	3/4	4,051.03	3/4	4,379.25	3/4	4,705.69	3/4	
6	133.26	6	434.35	6	763.58	6	1,093.15	6	1,422.63	6	1,752.22	6	2,081.82	6	2,411.41	6	2,741.01	6	3,070.56	6	3,400.05	6	3,729.54	6	4,057.87	6	4,386.09	6	4,712.17	6	
1/4	139.09	1/4	441.14	1/4	770.44	1/4	1,100.01	1/4	1,429.50	1/4	1,759.09	1/4	2,088.68	1/4	2,418.28	1/4	2,747.88	1/4	3,077.42	1/4	3,406.91	1/4	3,736.40	1/4	4,064.71	1/4	4,392.93	1/4	4,717.58	1/4	
1/2	144.93	1/2	447.93	1/2	777.31	1/2	1,106.88	1/2	1,436.36	1/2	1,765.95	1/2	2,095.55	1/2	2,425.15	1/2	2,754.74	1/2	3,084.28	1/2	3,413.78	1/2	3,743.27	1/2	4,071.54	1/2	4,399.77	1/2	4,722.99	1/2	
3/4	150.76	3/4	454.72	3/4	784.17	3/4	1,113.74	3/4	1,443.23	3/4	1,772.82	3/4	2,102.42	3/4	2,432.01	3/4	2,761.61	3/4	3,091.15	3/4	3,420.64	3/4	3,750.13	3/4	4,078.38	3/4	4,406.61	3/4	4,728.40	3/4	
7	156.59	7	461.50	7	791.04	7	1,120.61	7	1,450.10	7	1,779.69	7	2,109.28	7	2,438.88	7	2,768.48	7	3,098.01	7	3,427.50	7	3,757.00	7	4,085.22	7	4,413.44	7	4,733.81	7	
1/4	162.50	1/4	468.36	1/4	797.91	1/4	1,127.48	1/4	1,456.96	1/4	1,786.55	1/4	2,116.15	1/4	2,445.75	1/4	2,775.34	1/4	3,104.88	1/4	3,434.37	1/4	3,763.83	1/4	4,092.06	1/4	4,420.28	1/4		1/4	
1/2	168.42	1/2	475.21	1/2	804.77	1/2	1,134.34	1/2	1,463.83	1/2	1,793.42	1/2	2,123.02	1/2	2,452.61	1/2	2,782.21	1/2	3,111.74	1/2	3,441.23	1/2	3,770.67	1/2	4,098.90	1/2	4,427.12	1/2		1/2	
3/4	174.34	3/4	482.07	3/4	811.64	3/4	1,141.21	3/4	1,470.69	3/4	1,800.29	3/4	2,129.88	3/4	2,459.48	3/4	2,789.08	3/4	3,118.61	3/4	3,448.10	3/4	3,777.51	3/4	4,105.73	3/4	4,433.96	3/4		3/4	
8	180.25	8	488.93	8	818.51	8	1,148.07	8	1,477.56	8	1,807.15	8	2,136.75	8	2,466.35	8	2,795.94	8	3,125.47	8	3,454.96	8	3,784.35	8	4,112.57	8	4,440.80	8		8	
1/4	186.25	1/4	495.79	1/4	825.37	1/4	1,154.93	1/4	1,484.42	1/4	1,814.02	1/4	2,143.62	1/4	2,473.21	1/4	2,802.81	1/4	3,132.34	1/4	3,461.83	1/4	3,791.19	1/4	4,119.41	1/4	4,447.63	1/4		1/4	
1/2	192.25	1/2	502.66	1/2	832.24	1/2	1,161.80	1/2	1,491.29	1/2	1,820.89	1/2	2,150.48	1/2	2,480.88	1/2	2,809.68	1/2	3,139.20	1/2	3,468.69	1/2	3,798.02	1/2	4,126.25	1/2	4,454.47	1/2		1/2	
3/4	198.24	3/4	509.53	3/4	839.10	3/4	1,168.66	3/4	1,498.16	3/4	1,827.75	3/4	2,157.35	3/4	2,486.95	3/4	2,816.54	3/4	3,146.06	3/4	3,475.56	3/4	3,804.86	3/4	4,133.09	3/4	4,461.31	3/4		3/4	
9	204.24	9	516.39	9	845.97	9	1,175.53	9	1,505.02	9	1,834.62	9	2,164.22	9	2,493.81	9	2,823.41	9	3,152.93	9	3,482.42	9	3,811.70	9	4,139.92	9	4,468.15	9		9	
1/4	210.32	1/4	523.26	1/4	852.84	1/4	1,182.39	1/4	1,511.89	1/4	1,841.49	1/4	2,171.08	1/4																	



BARGE: NGL 3019
JEFFBOAT 14-2898

1 PORT
INNAGE 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	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.
0	14.36	0	278.10	0	598.79	0	928.36	0	1,257.78	0	1,587.07	0	1,916.66	0	2,246.26	0	2,575.86	0	2,905.45	0	3,234.95	0	3,564.44	0	3,893.40	0	4,221.62	0	4,549.85	0	
1/4	17.15	1/4	284.41	1/4	605.65	1/4	935.23	1/4	1,264.64	1/4	1,593.93	1/4	1,923.53	1/4	2,253.13	1/4	2,582.72	1/4	2,912.32	1/4	3,241.81	1/4	3,571.30	1/4	3,900.24	1/4	4,228.46	1/4	4,556.68	1/4	
1/2	19.94	1/2	290.73	1/2	612.52	1/2	942.10	1/2	1,271.49	1/2	1,600.80	1/2	1,930.40	1/2	2,259.99	1/2	2,589.59	1/2	2,919.18	1/2	3,248.67	1/2	3,578.17	1/2	3,907.08	1/2	4,235.30	1/2	4,563.51	1/2	
3/4	22.73	3/4	297.04	3/4	619.39	3/4	948.96	3/4	1,278.35	3/4	1,607.67	3/4	1,937.26	3/4	2,266.86	3/4	2,596.46	3/4	2,926.05	3/4	3,255.54	3/4	3,585.03	3/4	3,913.91	3/4	4,242.14	3/4	4,570.34	3/4	
1	25.52	1	303.35	1	626.25	1	955.83	1	1,285.21	1	1,614.53	1	1,944.13	1	2,273.73	1	2,603.32	1	2,932.91	1	3,262.40	1	3,591.89	1	3,920.75	1	4,248.98	1	4,577.18	1	
1/4	30.09	1/4	309.74	1/4	633.12	1/4	962.70	1/4	1,292.07	1/4	1,621.40	1/4	1,951.00	1/4	2,280.59	1/4	2,610.19	1/4	2,939.78	1/4	3,269.27	1/4	3,598.76	1/4	3,927.59	1/4	4,255.81	1/4	4,584.00	1/4	
1/2	34.67	1/2	316.14	1/2	639.98	1/2	969.56	1/2	1,298.92	1/2	1,628.27	1/2	1,957.86	1/2	2,287.46	1/2	2,617.06	1/2	2,946.64	1/2	3,276.13	1/2	3,605.62	1/2	3,934.43	1/2	4,262.65	1/2	4,590.82	1/2	
3/4	39.25	3/4	322.53	3/4	646.85	3/4	976.43	3/4	1,305.78	3/4	1,635.13	3/4	1,964.73	3/4	2,294.33	3/4	2,623.92	3/4	2,953.51	3/4	3,283.00	3/4	3,612.49	3/4	3,941.27	3/4	4,269.49	3/4	4,597.65	3/4	
2	43.83	2	328.92	2	653.72	2	983.29	2	1,312.64	2	1,642.00	2	1,971.60	2	2,301.19	2	2,630.79	2	2,960.37	2	3,289.86	2	3,619.35	2	3,948.10	2	4,276.33	2	4,604.47	2	
1/4	49.26	1/4	335.39	1/4	660.58	1/4	990.16	1/4	1,319.49	1/4	1,648.87	1/4	1,978.46	1/4	2,308.06	1/4	2,637.66	1/4	2,967.23	1/4	3,296.73	1/4	3,626.22	1/4	3,954.94	1/4	4,283.17	1/4	4,611.28	1/4	
1/2	54.68	1/2	341.86	1/2	667.45	1/2	997.03	1/2	1,326.35	1/2	1,655.73	1/2	1,985.33	1/2	2,314.93	1/2	2,644.52	1/2	2,974.10	1/2	3,303.59	1/2	3,633.08	1/2	3,961.78	1/2	4,290.00	1/2	4,618.09	1/2	
3/4	60.10	3/4	348.33	3/4	674.31	3/4	1,003.89	3/4	1,333.21	3/4	1,662.60	3/4	1,992.20	3/4	2,321.79	3/4	2,651.39	3/4	2,980.96	3/4	3,310.45	3/4	3,639.95	3/4	3,968.62	3/4	4,296.84	3/4	4,624.90	3/4	
3	65.53	3	354.80	3	681.18	3	1,010.76	3	1,340.06	3	1,669.47	3	1,999.06	3	2,328.66	3	2,658.26	3	2,987.83	3	3,317.32	3	3,646.81	3	3,975.46	3	4,303.68	3	4,631.71	3	
1/4	71.07	1/4	361.35	1/4	688.05	1/4	1,017.62	1/4	1,346.92	1/4	1,676.33	1/4	2,005.93	1/4	2,335.53	1/4	2,665.12	1/4	2,994.69	1/4	3,324.18	1/4	3,653.67	1/4	3,982.29	1/4	4,310.52	1/4	4,638.50	1/4	
1/2	76.62	1/2	367.90	1/2	694.91	1/2	1,024.49	1/2	1,353.78	1/2	1,683.20	1/2	2,012.80	1/2	2,342.39	1/2	2,671.99	1/2	3,001.56	1/2	3,331.05	1/2	3,660.54	1/2	3,989.13	1/2	4,317.36	1/2	4,645.29	1/2	
3/4	82.16	3/4	374.46	3/4	701.78	3/4	1,031.36	3/4	1,360.63	3/4	1,690.07	3/4	2,019.66	3/4	2,349.26	3/4	2,678.86	3/4	3,008.42	3/4	3,337.91	3/4	3,667.40	3/4	3,995.97	3/4	4,324.19	3/4	4,652.08	3/4	
4	87.71	4	381.01	4	708.65	4	1,038.22	4	1,367.49	4	1,696.93	4	2,026.53	4	2,356.13	4	2,685.72	4	3,015.29	4	3,344.78	4	3,674.27	4	4,002.81	4	4,331.03	4	4,658.87	4	
1/4	93.35	1/4	387.63	1/4	715.51	1/4	1,045.09	1/4	1,374.35	1/4	1,703.80	1/4	2,033.40	1/4	2,362.99	1/4	2,692.59	1/4	3,022.15	1/4	3,351.64	1/4	3,681.13	1/4	4,009.65	1/4	4,337.87	1/4	4,665.62	1/4	
1/2	99.00	1/2	394.26	1/2	722.38	1/2	1,051.96	1/2	1,381.21	1/2	1,710.67	1/2	2,040.26	1/2	2,369.86	1/2	2,699.46	1/2	3,029.01	1/2	3,358.51	1/2	3,688.00	1/2	4,016.48	1/2	4,344.71	1/2	4,672.38	1/2	
3/4	104.65	3/4	400.89	3/4	729.24	3/4	1,058.82	3/4	1,388.07	3/4	1,717.53	3/4	2,047.13	3/4	2,376.73	3/4	2,706.32	3/4	3,035.88	3/4	3,365.37	3/4	3,694.86	3/4	4,023.32	3/4	4,351.55	3/4	4,679.14	3/4	
5	110.29	5	407.52	5	736.11	5	1,065.69	5	1,394.93	5	1,724.40	5	2,054.00	5	2,383.59	5	2,713.19	5	3,042.74	5	3,372.23	5	3,701.73	5	4,030.16	5	4,358.38	5	4,685.89	5	
1/4	116.04	1/4	414.23	1/4	742.98	1/4	1,072.55	1/4	1,401.79	1/4	1,731.27	1/4	2,060.86	1/4	2,390.46	1/4	2,720.06	1/4	3,049.61	1/4	3,379.10	1/4	3,708.59	1/4	4,037.00	1/4	4,365.22	1/4	4,692.37	1/4	
1/2	121.78	1/2	420.94	1/2	749.84	1/2	1,079.42	1/2	1,408.64	1/2	1,738.13	1/2	2,067.73	1/2	2,397.33	1/2	2,726.92	1/2	3,056.47	1/2	3,385.96	1/2	3,715.45	1/2	4,043.84	1/2	4,372.06	1/2	4,698.85	1/2	
3/4	127.52	3/4	427.65	3/4	756.71	3/4	1,086.28	3/4	1,415.50	3/4	1,745.00	3/4	2,074.60	3/4	2,404.19	3/4	2,733.79	3/4	3,063.34	3/4	3,392.83	3/4	3,722.32	3/4	4,050.67	3/4	4,378.90	3/4	4,705.33	3/4	
6	133.26	6	434.35	6	763.58	6	1,093.15	6	1,422.36	6	1,751.87	6	2,081.46	6	2,411.06	6	2,740.66	6	3,070.20	6	3,399.69	6	3,729.18	6	4,057.51	6	4,385.74	6	4,711.81	6	
1/4	139.09	1/4	441.14	1/4	770.44	1/4	1,100.01	1/4	1,429.22	1/4	1,758.73	1/4	2,088.33	1/4	2,417.93	1/4	2,747.52	1/4	3,077.06	1/4	3,406.56	1/4	3,736.05	1/4	4,064.35	1/4	4,392.57	1/4	4,717.22	1/4	
1/2	144.93	1/2	447.93	1/2	777.31	1/2	1,106.88	1/2	1,436.08	1/2	1,765.60	1/2	2,095.20	1/2	2,424.79	1/2	2,754.39	1/2	3,083.93	1/2	3,413.42	1/2	3,742.91	1/2	4,071.19	1/2	4,399.41	1/2	4,722.63	1/2	
3/4	150.76	3/4	454.72	3/4	784.17	3/4	1,113.74	3/4	1,442.94	3/4	1,772.47	3/4	2,102.06	3/4	2,431.66	3/4	2,761.26	3/4	3,090.79	3/4	3,420.28	3/4	3,749.78	3/4	4,078.03	3/4	4,406.25	3/4	4,728.04	3/4	
7	156.59	7	461.50	7	791.04	7	1,120.61	7	1,449.80	7	1,779.33	7	2,108.93	7	2,438.53	7	2,768.12	7	3,097.66	7	3,427.15	7	3,756.64	7	4,084.86	7	4,413.09	7		7	
1/4	162.50	1/4	468.36	1/4	797.91	1/4	1,127.48	1/4	1,456.65	1/4	1,786.20	1/4	2,115.80	1/4	2,445.39	1/4	2,774.99	1/4	3,104.52	1/4	3,434.01	1/4	3,763.48	1/4	4,091.70	1/4	4,419.93	1/4		1/4	
1/2	168.42	1/2	475.21	1/2	804.77	1/2	1,134.34	1/2	1,463.51	1/2	1,793.07	1/2	2,122.66	1/2	2,452.26	1/2	2,781.86	1/2	3,111.39	1/2	3,440.88	1/2	3,770.32	1/2	4,098.54	1/2	4,426.76	1/2		1/2	
3/4	174.34	3/4	482.07	3/4	811.64	3/4	1,141.21	3/4	1,470.37	3/4	1,799.93	3/4	2,129.53	3/4	2,459.13	3/4	2,788.72	3/4	3,118.25	3/4	3,447.74	3/4	3,777.15	3/4	4,105.38	3/4	4,433.60	3/4		3/4	
8	180.25	8	488.93	8	818.51	8	1,148.07	8	1,477.23	8	1,806.80	8	2,136.40	8	2,465.99	8	2,795.59	8	3,125.12	8	3,454.61	8	3,783.99	8	4,112.22	8	4,440.44	8		8	
1/4	186.25	1/4	495.79	1/4	825.37	1/4	1,154.93	1/4	1,484.09	1/4	1,813.67	1/4	2,143.26	1/4	2,472.86	1/4	2,802.46	1/4	3,131.98	1/4	3,461.47	1/4	3,790.83	1/4	4,119.05	1/4	4,447.28	1/4		1/4	
1/2	192.25	1/2	502.66	1/2	832.24	1/2	1,161.78	1/2	1,490.96	1/2	1,820.53	1/2	2,150.13	1/2	2,479.73	1/2	2,809.32	1/2	3,138.84	1/2	3,468.34	1/2	3,797.67	1/2	4,125.89	1/2	4,454.12	1/2		1/2	
3/4	198.24	3/4	509.53	3/4	839.10	3/4	1,168.64	3/4	1,497.82	3/4	1,827.40	3/4	2,157.00	3/4	2,486.59	3/4	2,816.19	3/4	3,145.71	3/4	3,475.20	3/4	3,804.51	3/4	4,132.73	3/4	4,460.95	3/4		3/4	
9	204.24	9	516.39	9	845.97	9	1,175.50	9	1,504.68	9	1,834.27	9	2,163.86	9	2,493.46	9	2,823.06	9	3,152.57	9	3,482.06	9	3,811.34	9	4,139.57	9	4,467.79	9		9	
1/4	210.32	1/4	523.26	1/4	852.84	1/4	1,182.36	1/4	1,511.55	1/4	1,841.13	1/4	2,170.73	1/4	2,500.33	1/4	2,829.92	1/4													