

**BARGE IB986**

**TANK GAUGE TABLE**

**I STAR.**

GAUGE HEIGHT 13'-11 5/8"

IN	0 FT	IN	1 FT	IN	2 FT	IN	3 FT	IN	4 FT	IN	5 FT	IN	6 FT	IN	7 FT	IN	8 FT	IN	9 FT	IN	10 FT	IN	11 FT	IN	12 FT	IN
0	1.08	0	1.2263	0	2.6793	0	4.0623	0	5.4452	0	6.8282	0	8.2112	0	9.5942	0	1.09772	0	1.23601	0	1.36627	0	1.47046	0	1.57394	0
1/4	1.22	1/4	1.1251	1/4	2.7081	1/4	4.0911	1/4	5.4741	1/4	6.8570	1/4	8.2400	1/4	9.6230	1/4	1.10060	1/4	1.23889	1/4	1.36913	1/4	1.47261	1/4	1.57609	1/4
1/2	1.00	1/2	1.1539	1/2	2.7369	1/2	4.1199	1/2	5.5029	1/2	6.8858	1/2	8.2688	1/2	9.6518	1/2	1.10348	1/2	1.24178	1/2	1.37128	1/2	1.47477	1/2	1.57825	1/2
3/4	1.32	3/4	1.1828	3/4	2.7657	3/4	4.1487	3/4	5.5317	3/4	6.9147	3/4	8.2976	3/4	9.6806	3/4	1.10636	3/4	1.24466	3/4	1.37344	3/4	1.47692	3/4	1.58041	3/4
1	1.88	1	1.4116	1	2.7945	1	4.1775	1	5.5605	1	6.9435	1	8.3264	1	9.7094	1	1.10924	1	1.24754	1	1.37560	1	1.47908	1	1.58256	1
1 1/4	1.67	1 1/4	1.4404	1 1/4	2.8234	1 1/4	4.2063	1 1/4	5.5893	1 1/4	6.9723	1 1/4	8.3553	1 1/4	9.7382	1 1/4	1.11212	1 1/4	1.25042	1 1/4	1.37775	1 1/4	1.48124	1 1/4	1.58472	1 1/4
1 1/2	1.71	1 1/2	1.4692	1 1/2	2.8522	1 1/2	4.2351	1 1/2	5.6181	1 1/2	7.0011	1 1/2	8.3841	1 1/2	9.7670	1 1/2	1.11500	1 1/2	1.25330	1 1/2	1.37991	1 1/2	1.48339	1 1/2	1.58687	1 1/2
1 3/4	1.99	1 3/4	1.4980	1 3/4	2.8810	1 3/4	4.2640	1 3/4	5.6469	1 3/4	7.0299	1 3/4	8.4129	1 3/4	9.7959	1 3/4	1.11788	1 3/4	1.25618	1 3/4	1.38206	1 3/4	1.48555	1 3/4	1.59031	1 3/4
2	1.43	2	1.5268	2	2.9098	2	4.2928	2	5.6757	2	7.0587	2	8.4417	2	9.8247	2	1.12076	2	1.25906	2	1.38422	2	1.48770	2	1.59119	2
2 1/4	1.72	2 1/4	1.5556	2 1/4	2.9386	2 1/4	4.3216	2 1/4	5.7046	2 1/4	7.0875	2 1/4	8.4705	2 1/4	9.8535	2 1/4	1.12365	2 1/4	1.26194	2 1/4	1.38638	2 1/4	1.49018	2 1/4	1.59326	2 1/4
2 1/2	2.01	2 1/2	1.5844	2 1/2	2.9674	2 1/2	4.3504	2 1/2	5.7334	2 1/2	7.1163	2 1/2	8.4993	2 1/2	9.8823	2 1/2	1.12653	2 1/2	1.26482	2 1/2	1.38853	2 1/2	1.49261	2 1/2	1.59535	2 1/2
2 3/4	2.10	2 3/4	1.6133	2 3/4	2.9962	2 3/4	4.3792	2 3/4	5.7622	2 3/4	7.1452	2 3/4	8.5281	2 3/4	9.9111	2 3/4	1.12941	2 3/4	1.26771	2 3/4	1.39069	2 3/4	1.49417	2 3/4	1.59686	2 3/4
3	2.59	3	1.6421	3	3.0250	3	4.4080	3	5.7910	3	7.1740	3	8.5569	3	9.9399	3	1.13229	3	1.27059	3	1.39284	3	1.49633	3	1.59838	3
3 1/4	2.87	3 1/4	1.6709	3 1/4	3.0539	3 1/4	4.4368	3 1/4	5.8198	3 1/4	7.2028	3 1/4	8.5858	3 1/4	9.9687	3 1/4	1.13517	3 1/4	1.27347	3 1/4	1.39500	3 1/4	1.49848	3 1/4	1.59973	3 1/4
3 1/2	1.79	3 1/2	1.6997	3 1/2	3.0827	3 1/2	4.4656	3 1/2	5.8486	3 1/2	7.2316	3 1/2	8.6146	3 1/2	9.9975	3 1/2	1.13805	3 1/2	1.27635	3 1/2	1.39716	3 1/2	1.50064	3 1/2	1.60090	3 1/2
3 3/4	1.45	3 3/4	1.7285	3 3/4	3.1115	3 3/4	4.4945	3 3/4	5.8774	3 3/4	7.2604	3 3/4	8.6434	3 3/4	1.00264	3 3/4	1.14093	3 3/4	1.27923	3 3/4	1.39931	3 3/4	1.50279	3 3/4	1.60188	3 3/4
4	1.74	4	1.7573	4	3.1403	4	4.5233	4	5.9062	4	7.2892	4	8.6722	4	1.00552	4	1.14381	4	1.28211	4	1.40147	4	1.50495	4	1.60269	4
4 1/4	4.03	4 1/4	1.7861	4 1/4	3.1691	4 1/4	4.5521	4 1/4	5.9351	4 1/4	7.3180	4 1/4	8.7010	4 1/4	1.00840	4 1/4	1.14670	4 1/4	1.28499	4 1/4	1.40362	4 1/4	1.50711	4 1/4	1.60332	4 1/4
4 1/2	4.20	4 1/2	1.8149	4 1/2	3.1979	4 1/2	4.5809	4 1/2	5.9639	4 1/2	7.3468	4 1/2	8.7298	4 1/2	1.01128	4 1/2	1.14958	4 1/2	1.28787	4 1/2	1.40578	4 1/2	1.50926	4 1/2	1.60377	4 1/2
4 3/4	4.68	4 3/4	1.8437	4 3/4	3.2267	4 3/4	4.6097	4 3/4	5.9927	4 3/4	7.3757	4 3/4	8.7586	4 3/4	1.01416	4 3/4	1.15246	4 3/4	1.29076	4 3/4	1.40793	4 3/4	1.51142	4 3/4	1.60404	4 3/4
5	4.96	5	1.8726	5	3.2555	5	4.6385	5	6.0215	5	7.4045	5	8.7874	5	1.01704	5	1.15534	5	1.29364	5	1.41009	5	1.51357	5	1.60413	5
5 1/4	5.14	5 1/4	1.9014	5 1/4	3.2843	5 1/4	4.6673	5 1/4	6.0503	5 1/4	7.4333	5 1/4	8.8143	5 1/4	1.01992	5 1/4	1.15822	5 1/4	1.29652	5 1/4	1.41225	5 1/4	1.51573	5 1/4		5 1/4
5 1/2	5.42	5 1/2	1.9302	5 1/2	3.3132	5 1/2	4.6961	5 1/2	6.0791	5 1/2	7.4621	5 1/2	8.8451	5 1/2	1.02280	5 1/2	1.16110	5 1/2	1.29940	5 1/2	1.41440	5 1/2	1.51789	5 1/2		5 1/2
5 3/4	2.70	5 3/4	1.9590	5 3/4	3.3420	5 3/4	4.7249	5 3/4	6.1079	5 3/4	7.4909	5 3/4	8.8739	5 3/4	1.02568	5 3/4	1.16398	5 3/4	1.30228	5 3/4	1.41656	5 3/4	1.52004	5 3/4		5 3/4
6	6.04	6	1.9878	6	3.3708	6	4.7538	6	6.1367	6	7.5197	6	8.9027	6	1.02857	6	1.16686	6	1.30516	6	1.41871	6	1.52220	6		6
6 1/4	6.32	6 1/4	2.0166	6 1/4	3.3996	6 1/4	4.7826	6 1/4	6.1655	6 1/4	7.5485	6 1/4	8.9315	6 1/4	1.03145	6 1/4	1.16975	6 1/4	1.30804	6 1/4	1.42087	6 1/4	1.52435	6 1/4		6 1/4
6 1/2	6.62	6 1/2	2.0454	6 1/2	3.4284	6 1/2	4.8114	6 1/2	6.1944	6 1/2	7.5773	6 1/2	8.9603	6 1/2	1.03433	6 1/2	1.17263	6 1/2	1.31092	6 1/2	1.42303	6 1/2	1.52651	6 1/2		6 1/2
6 3/4	6.91	6 3/4	2.0742	6 3/4	3.4572	6 3/4	4.8402	6 3/4	6.2232	6 3/4	7.6061	6 3/4	8.9891	6 3/4	1.03721	6 3/4	1.17551	6 3/4	1.31381	6 3/4	1.42518	6 3/4	1.52867	6 3/4		6 3/4
7	7.20	7	2.1031	7	3.4860	7	4.8690	7	6.2520	7	7.6350	7	9.0179	7	1.04009	7	1.17839	7	1.31669	7	1.42734	7	1.53082	7		7
7 1/4	7.48	7 1/4	2.1319	7 1/4	3.5148	7 1/4	4.8978	7 1/4	6.2808	7 1/4	7.6638	7 1/4	9.0467	7 1/4	1.04297	7 1/4	1.18127	7 1/4	1.31957	7 1/4	1.42949	7 1/4	1.53298	7 1/4		7 1/4
7 1/2	7.77	7 1/2	2.1607	7 1/2	3.5437	7 1/2	4.9266	7 1/2	6.3096	7 1/2	7.6926	7 1/2	9.0756	7 1/2	1.04585	7 1/2	1.18415	7 1/2	1.32245	7 1/2	1.43165	7 1/2	1.53513	7 1/2		7 1/2
7 3/4	8.05	7 3/4	2.1895	7 3/4	3.5725	7 3/4	4.9554	7 3/4	6.3384	7 3/4	7.7214	7 3/4	9.1044	7 3/4	1.04873	7 3/4	1.18703	7 3/4	1.32533	7 3/4	1.43381	7 3/4	1.53729	7 3/4		7 3/4
8	8.33	8	2.2183	8	3.6013	8	4.9843	8	6.3672	8	7.7502	8	9.1332	8	1.05162	8	1.18991	8	1.32821	8	1.43596	8	1.53944	8		8
8 1/4	8.61	8 1/4	2.2471	8 1/4	3.6301	8 1/4	5.0131	8 1/4	6.3960	8 1/4	7.7790	8 1/4	9.1620	8 1/4	1.05450	8 1/4	1.19279	8 1/4	1.33107	8 1/4	1.43812	8 1/4	1.54160	8 1/4		8 1/4
8 1/2	8.90	8 1/2	2.2759	8 1/2	3.6589	8 1/2	5.0419	8 1/2	6.4249	8 1/2	7.8078	8 1/2	9.1908	8 1/2	1.05738	8 1/2	1.19568	8 1/2	1.33372	8 1/2	1.44027	8 1/2	1.54376	8 1/2		8 1/2
8 3/4	9.18	8 3/4	2.3047	8 3/4	3.6877	8 3/4	5.0707	8 3/4	6.4537	8 3/4	7.8366	8 3/4	9.2196	8 3/4	1.06026	8 3/4	1.19856	8 3/4	1.33648	8 3/4	1.44243	8 3/4	1.54591	8 3/4		8 3/4
9	9.50	9	2.3336	9	3.7165	9	5.0995	9	6.4825	9	7.8655	9	9.2484	9	1.06314	9	1.20144	9	1.33924	9	1.44459	9	1.54807	9		9
9 1/4	9.79	9 1/4	2.3624	9 1/4	3.7453	9 1/4	5.1283	9 1/4	6.5113	9 1/4	7.8943	9 1/4	9.2772	9 1/4	1.06602	9 1/4	1.20432	9 1/4	1.34175	9 1/4	1.44674	9 1/4	1.55022	9 1/4		9 1/4
9 1/2	10.08	9 1/2	2.3912	9 1/2	3.7742	9 1/2	5.1571	9 1/2	6.5401	9 1/2	7.9231	9 1/2	9.3061	9 1/2	1.06890	9 1/2	1.20720	9 1/2	1.34426	9 1/2	1.44890	9 1/2	1.55238	9 1/2		9 1/2
9 3/4	10.37	9 3/4	2.4200	9 3/4	3.8030	9 3/4	5.1859	9 3/4	6.5689	9 3/4	7.9519	9 3/4	9.3349	9 3/4	1.07178	9 3/4	1.21008	9 3/4	1.34677	9 3/4	1.45105	9 3/4	1.55454	9 3/4		9 3/4
10	10.65	10	2.4488	10	3.8318	10	5.2148	10	6.5977	10	7.9807	10	9.3637	10	1.07467	10	1.21296	10	1.34928	10	1.45321	10	1.55669	10		10
10 1/4	10.94	10 1/4	2.4776	10 1/4	3.8606	10 1/4	5.2436	10 1/4	6.6265	10 1/4	8.0095	10 1/4	9.3925	10 1/4	1.07755	10 1/4	1.21584	10 1/4	1.35155	10 1/4	1.45536	10 1/4	1.55885	10 1/4		10 1/4
10 1/2	11.23	10 1/2	2.5064	10 1/2	3.8894	10 1/2	5.2724	10 1/2	6.6554	10 1/2	8.0383	10 1/2	9.4213	10 1/2	1.08043	10 1/2	1.21873	10 1/2	1.35382	10 1/2	1.45752	10 1/2	1.56100	10 1/2		10 1/2

**BARGE IB986**

**TANK GAUGE TABLE**

**1 PORT**

GAUGE HEIGHT 13'-11 3/4"

IN	0 FT	IN	1 FT	IN	2 FT	IN	3 FT	IN	4 FT	IN	5 FT	IN	6 FT	IN	7 FT	IN	8 FT	IN	9 FT	IN	10 FT	IN	11 FT	IN	12 FT	IN
0	1.28	0	1.2974	0	2.6815	0	4.0656	0	5.4497	0	6.8337	0	8.2178	0	9.6019	0	1.09860	0	1.23701	0	1.36810	0	1.47169	0	1.57529	0
1/4	1.22	1/4	1.3262	1/4	2.7103	1/4	4.0944	1/4	5.4785	1/4	6.8626	1/4	8.2467	1/4	9.6307	1/4	1.10148	1/4	1.23989	1/4	1.37026	1/4	1.47385	1/4	1.57744	1/4
1/2	1.00	1/2	1.3351	1/2	2.7392	1/2	4.1232	1/2	5.5073	1/2	6.8914	1/2	8.2755	1/2	9.6496	1/2	1.10436	1/2	1.24277	1/2	1.37242	1/2	1.47601	1/2	1.57960	1/2
3/4	0.78	3/4	1.3839	3/4	2.7680	3/4	4.1521	3/4	5.5362	3/4	6.9203	3/4	8.3043	3/4	9.6784	3/4	1.10725	3/4	1.24566	3/4	1.37457	3/4	1.47817	3/4	1.58176	3/4
1	0.56	1	1.4128	1	2.7968	1	4.1809	1	5.5650	1	6.9491	1	8.3332	1	9.7172	1	1.11013	1	1.24854	1	1.37745	1	1.48105	1	1.58464	1
1 1/4	0.34	1 1/4	1.4416	1 1/4	2.8257	1 1/4	4.2098	1 1/4	5.5941	1 1/4	6.9779	1 1/4	8.3620	1 1/4	9.7461	1 1/4	1.11302	1 1/4	1.25142	1 1/4	1.38033	1 1/4	1.48393	1 1/4	1.58752	1 1/4
1 1/2	0.12	1 1/2	1.4704	1 1/2	2.8545	1 1/2	4.2386	1 1/2	5.6227	1 1/2	7.0067	1 1/2	8.3908	1 1/2	9.7749	1 1/2	1.11590	1 1/2	1.25431	1 1/2	1.38321	1 1/2	1.48681	1 1/2	1.59040	1 1/2
2	0.00	2	1.4993	2	2.8833	2	4.2674	2	5.6515	2	7.0356	2	8.4197	2	9.8037	2	1.11878	2	1.25719	2	1.38611	2	1.48971	2	1.59329	2
2 1/4	0.00	2 1/4	1.5281	2 1/4	2.9122	2 1/4	4.2963	2 1/4	5.6802	2 1/4	7.0644	2 1/4	8.4485	2 1/4	9.8326	2 1/4	1.12167	2 1/4	1.26007	2 1/4	1.38892	2 1/4	1.49252	2 1/4	1.59597	2 1/4
2 1/2	0.00	2 1/2	1.5569	2 1/2	2.9410	2 1/2	4.3251	2 1/2	5.7092	2 1/2	7.0933	2 1/2	8.4773	2 1/2	9.8614	2 1/2	1.12455	2 1/2	1.26296	2 1/2	1.39173	2 1/2	1.49533	2 1/2	1.59892	2 1/2
3	0.00	3	1.5858	3	2.9698	3	4.3539	3	5.7380	3	7.1221	3	8.5062	3	9.8902	3	1.12743	3	1.26584	3	1.39461	3	1.49821	3	1.60191	3
3 1/4	0.00	3 1/4	1.6146	3 1/4	2.9987	3 1/4	4.3828	3 1/4	5.7668	3 1/4	7.1509	3 1/4	8.5350	3 1/4	9.9191	3 1/4	1.13032	3 1/4	1.26872	3 1/4	1.39749	3 1/4	1.50070	3 1/4	1.60470	3 1/4
3 1/2	0.00	3 1/2	1.6434	3 1/2	3.0275	3 1/2	4.4116	3 1/2	5.7957	3 1/2	7.1798	3 1/2	8.5638	3 1/2	9.9479	3 1/2	1.13320	3 1/2	1.27161	3 1/2	1.40000	3 1/2	1.50350	3 1/2	1.60750	3 1/2
4	0.00	4	1.6723	4	3.0564	4	4.4404	4	5.8245	4	7.2086	4	8.5927	4	9.9768	4	1.13608	4	1.27449	4	1.40279	4	1.50629	4	1.61029	4
4 1/4	0.00	4 1/4	1.7011	4 1/4	3.0852	4 1/4	4.4693	4 1/4	5.8533	4 1/4	7.2374	4 1/4	8.6219	4 1/4	1.00056	4 1/4	1.13897	4 1/4	1.27737	4 1/4	1.40559	4 1/4	1.50909	4 1/4	1.61279	4 1/4
4 1/2	0.00	4 1/2	1.7299	4 1/2	3.1140	4 1/2	4.4981	4 1/2	5.8822	4 1/2	7.2663	4 1/2	8.6503	4 1/2	1.00344	4 1/2	1.14185	4 1/2	1.28026	4 1/2	1.40847	4 1/2	1.51179	4 1/2	1.61529	4 1/2
5	0.00	5	1.7588	5	3.1429	5	4.5269	5	5.9110	5	7.2951	5	8.6792	5	1.00631	5	1.14473	5	1.28314	5	1.41129	5	1.51469	5	1.61779	5
5 1/4	0.00	5 1/4	1.7876	5 1/4	3.1717	5 1/4	4.5558	5 1/4	5.9399	5 1/4	7.3239	5 1/4	8.7080	5 1/4	1.00921	5 1/4	1.14762	5 1/4	1.28603	5 1/4	1.41419	5 1/4	1.51759	5 1/4	1.62029	5 1/4
5 1/2	0.00	5 1/2	1.8164	5 1/2	3.2005	5 1/2	4.5846	5 1/2	5.9687	5 1/2	7.3528	5 1/2	8.7368	5 1/2	1.01209	5 1/2	1.15050	5 1/2	1.28891	5 1/2	1.41669	5 1/2	1.52009	5 1/2	1.62279	5 1/2
6	0.00	6	1.8453	6	3.2294	6	4.6134	6	5.9975	6	7.3816	6	8.7657	6	1.01498	6	1.15338	6	1.29179	6	1.41910	6	1.52259	6	1.62529	6
6 1/4	0.00	6 1/4	1.8741	6 1/4	3.2582	6 1/4	4.6423	6 1/4	6.0264	6 1/4	7.4104	6 1/4	8.7945	6 1/4	1.01786	6 1/4	1.15627	6 1/4	1.29468	6 1/4	1.42160	6 1/4	1.52509	6 1/4	1.62779	6 1/4
6 1/2	0.00	6 1/2	1.9030	6 1/2	3.2870	6 1/2	4.6711	6 1/2	6.0552	6 1/2	7.4393	6 1/2	8.8234	6 1/2	1.02074	6 1/2	1.15915	6 1/2	1.29756	6 1/2	1.42401	6 1/2	1.52759	6 1/2	1.63029	6 1/2
7	0.00	7	1.9318	7	3.3159	7	4.6999	7	6.0840	7	7.4681	7	8.8522	7	1.02363	7	1.16203	7	1.30044	7	1.42642	7	1.53009	7	1.63279	7
7 1/4	0.00	7 1/4	1.9606	7 1/4	3.3447	7 1/4	4.7288	7 1/4	6.1129	7 1/4	7.4969	7 1/4	8.8810	7 1/4	1.02651	7 1/4	1.16492	7 1/4	1.30333	7 1/4	1.42883	7 1/4	1.53259	7 1/4	1.63529	7 1/4
7 1/2	0.00	7 1/2	1.9895	7 1/2	3.3735	7 1/2	4.7576	7 1/2	6.1417	7 1/2	7.5258	7 1/2	8.9099	7 1/2	1.02939	7 1/2	1.16780	7 1/2	1.30621	7 1/2	1.43124	7 1/2	1.53509	7 1/2	1.63779	7 1/2
8	0.00	8	2.0183	8	3.4024	8	4.7865	8	6.1705	8	7.5546	8	8.9387	8	1.03228	8	1.17069	8	1.30909	8	1.43365	8	1.53759	8	1.64029	8
8 1/4	0.00	8 1/4	2.0471	8 1/4	3.4312	8 1/4	4.8153	8 1/4	6.1994	8 1/4	7.5834	8 1/4	8.9675	8 1/4	1.03516	8 1/4	1.17357	8 1/4	1.31198	8 1/4	1.43606	8 1/4	1.54009	8 1/4	1.64279	8 1/4
8 1/2	0.00	8 1/2	2.0760	8 1/2	3.4600	8 1/2	4.8441	8 1/2	6.2282	8 1/2	7.6123	8 1/2	8.9964	8 1/2	1.03804	8 1/2	1.17645	8 1/2	1.31486	8 1/2	1.43847	8 1/2	1.54259	8 1/2	1.64529	8 1/2
9	0.00	9	2.1048	9	3.4889	9	4.8730	9	6.2570	9	7.6411	9	9.0252	9	1.04093	9	1.17934	9	1.31774	9	1.44088	9	1.54509	9	1.64779	9
9 1/4	0.00	9 1/4	2.1336	9 1/4	3.5177	9 1/4	4.9018	9 1/4	6.2859	9 1/4	7.6700	9 1/4	9.0540	9 1/4	1.04381	9 1/4	1.18222	9 1/4	1.32063	9 1/4	1.44329	9 1/4	1.54759	9 1/4	1.65029	9 1/4
9 1/2	0.00	9 1/2	2.1625	9 1/2	3.5465	9 1/2	4.9306	9 1/2	6.3147	9 1/2	7.6988	9 1/2	9.0829	9 1/2	1.04669	9 1/2	1.18510	9 1/2	1.32351	9 1/2	1.44570	9 1/2	1.55009	9 1/2	1.65279	9 1/2
10	0.00	10	2.1913	10	3.5754	10	4.9595	10	6.3435	10	7.7276	10	9.1117	10	1.04958	10	1.18799	10	1.32639	10	1.44811	10	1.55259	10	1.65529	10
10 1/4	0.00	10 1/4	2.2201	10 1/4	3.6042	10 1/4	4.9883	10 1/4	6.3724	10 1/4	7.7565	10 1/4	9.1405	10 1/4	1.05246	10 1/4	1.19087	10 1/4	1.32928	10 1/4	1.45052	10 1/4	1.55509	10 1/4	1.65779	10 1/4
10 1/2	0.00	10 1/2	2.2490	10 1/2	3.6331	10 1/2	5.0171	10 1/2	6.4012	10 1/2	7.7853	10 1/2	9.1694	10 1/2	1.05535	10 1/2	1.19375	10 1/2	1.33216	10 1/2	1.45293	10 1/2	1.55759	10 1/2	1.66029	10 1/2
11	0.00	11	2.2778	11	3.6619	11	5.0460	11	6.4300	11	7.8141	11	9.1982	11	1.05823	11	1.19664	11	1.33504	11	1.45534	11	1.56009	11	1.66279	11
11 1/4	0.00	11 1/4	2.3066	11 1/4	3.6907	11 1/4	5.0748	11 1/4	6.4588	11 1/4	7.8430	11 1/4	9.2270	11 1/4	1.06111	11 1/4	1.19952	11 1/4	1.33792	11 1/4	1.45775	11 1/4	1.56259	11 1/4	1.66529	11 1/4
11 1/2	0.00	11 1/2	2.3355	11 1/2	3.7196	11 1/2	5.1036	11 1/2	6.4877	11 1/2	7.8718	11 1/2	9.2559	11 1/2	1.06400	11 1/2	1.20240	11 1/2	1.34080	11 1/2	1.46016	11 1/2	1.56509	11 1/2	1.66779	11 1/2
12	0.00	12	2.3643	12	3.7484	12	5.1325	12	6.5166	12	7.9006	12	9.2847	12	1.06688	12	1.20529	12	1.34368	12	1.46257	12	1.56759	12	1.67029	12
12 1/4	0.00	12 1/4	2.3931	12 1/4	3.7772	12 1/4	5.1613	12 1/4	6.5454	12 1/4	7.9295	12 1/4	9.3135	12 1/4	1.06976	12 1/4	1.20817	12 1/4	1.34656	12 1/4	1.46498	12 1/4	1.57009	12 1/4	1.67279	12 1/4
12 1/2	0.00	12 1/2																								

**BARGE IB986**

**TANK GAUGE TABLE**

**2 STAR.**

GAUGE HEIGHT 14'-0 1/8"

IN	0 FT	IN	1 FT	IN	2 FT	IN	3 FT	IN	4 FT	IN	5 FT	IN	6 FT	IN	7 FT	IN	8 FT	IN	9 FT	IN	10 FT	IN	11 FT	IN	12 FT	IN
0	1.08	0	1.2252	0	2.6769	0	4.0585	0	5.4401	0	6.8218	0	8.2034	0	9.5850	0	1.09667	0	1.21483	0	1.37299	0	1.51115	0	1.64932	0
1/4	1.92	1/4	1.3240	1/4	2.7056	1/4	4.0873	1/4	5.4689	1/4	6.8505	1/4	8.2322	1/4	9.6138	1/4	1.09954	1/4	1.23771	1/4	1.37587	1/4	1.51403	1/4	1.65220	1/4
1/2	3.00	1/2	1.3528	1/2	2.7344	1/2	4.1161	1/2	5.4977	1/2	6.8793	1/2	8.2610	1/2	9.6426	1/2	1.10242	1/2	1.24059	1/2	1.37875	1/2	1.51691	1/2	1.65507	1/2
3/4	4.32	3/4	1.3816	3/4	2.7632	3/4	4.1448	3/4	5.5263	3/4	6.9081	3/4	8.2827	3/4	9.6714	3/4	1.10530	3/4	1.24346	3/4	1.38163	3/4	1.51979	3/4	1.65795	3/4
1	5.88	1	1.4104	1	2.7920	1	4.1736	1	5.5553	1	6.9369	1	8.3185	1	9.7002	1	1.10818	1	1.24634	1	1.38451	1	1.52267	1	1.66083	1
1 1/4	7.68	1 1/4	1.4391	1 1/4	2.8208	1 1/4	4.2024	1 1/4	5.5840	1 1/4	6.9657	1 1/4	8.3473	1 1/4	9.7289	1 1/4	1.11106	1 1/4	1.24922	1 1/4	1.38738	1 1/4	1.52555	1 1/4	1.66371	1 1/4
1 1/2	9.72	1 1/2	1.4679	1 1/2	2.8496	1 1/2	4.2312	1 1/2	5.6128	1 1/2	6.9945	1 1/2	8.3761	1 1/2	9.7577	1 1/2	1.11394	1 1/2	1.25210	1 1/2	1.39026	1 1/2	1.52843	1 1/2	1.66659	1 1/2
1 3/4	12.00	1 3/4	1.4967	1 3/4	2.8783	1 3/4	4.2600	1 3/4	5.6416	1 3/4	7.0232	1 3/4	8.4049	1 3/4	9.7865	1 3/4	1.11681	1 3/4	1.25498	1 3/4	1.39314	1 3/4	1.53130	1 3/4	1.66947	1 3/4
2	14.22	2	1.5255	2	2.9071	2	4.2888	2	5.6704	2	7.0220	2	8.4337	2	9.8153	2	1.11969	2	1.25786	2	1.39602	2	1.53418	2	1.67235	2
2 1/4	17.27	2 1/4	1.5543	2 1/4	2.9359	2 1/4	4.3175	2 1/4	5.6992	2 1/4	7.0808	2 1/4	8.4624	2 1/4	9.8441	2 1/4	1.12257	2 1/4	1.26073	2 1/4	1.39890	2 1/4	1.53706	2 1/4	1.67510	2 1/4
2 1/2	20.14	2 1/2	1.5831	2 1/2	2.9647	2 1/2	4.3463	2 1/2	5.7280	2 1/2	7.1096	2 1/2	8.4912	2 1/2	9.8729	2 1/2	1.12545	2 1/2	1.26361	2 1/2	1.40178	2 1/2	1.53994	2 1/2	1.67762	2 1/2
2 3/4	23.02	2 3/4	1.6119	2 3/4	2.9935	2 3/4	4.3751	2 3/4	5.7567	2 3/4	7.1384	2 3/4	8.5200	2 3/4	9.9016	2 3/4	1.12833	2 3/4	1.26649	2 3/4	1.40465	2 3/4	1.54282	2 3/4	1.67990	2 3/4
3	25.90	3	1.6406	3	3.0223	3	4.4039	3	5.7855	3	7.1672	3	8.5488	3	9.9304	3	1.13121	3	1.26937	3	1.40753	3	1.54570	3	1.68194	3
3 1/4	28.78	3 1/4	1.6694	3 1/4	3.0511	3 1/4	4.4327	3 1/4	5.8143	3 1/4	7.1959	3 1/4	8.5774	3 1/4	9.9520	3 1/4	1.13408	3 1/4	1.27225	3 1/4	1.41041	3 1/4	1.54857	3 1/4	1.68374	3 1/4
3 1/2	31.66	3 1/2	1.6982	3 1/2	3.0798	3 1/2	4.4612	3 1/2	5.8431	3 1/2	7.2247	3 1/2	8.6064	3 1/2	9.9880	3 1/2	1.13696	3 1/2	1.27513	3 1/2	1.41329	3 1/2	1.55145	3 1/2	1.68530	3 1/2
3 3/4	34.54	3 3/4	1.7270	3 3/4	3.1086	3 3/4	4.4900	3 3/4	5.8719	3 3/4	7.2535	3 3/4	8.6351	3 3/4	1.00168	3 3/4	1.13984	3 3/4	1.27800	3 3/4	1.41617	3 3/4	1.55433	3 3/4	1.68662	3 3/4
4	37.41	4	1.7558	4	3.1374	4	4.5190	4	5.9007	4	7.2823	4	8.6639	4	1.00456	4	1.14272	4	1.28088	4	1.41905	4	1.55721	4	1.68770	4
4 1/4	40.29	4 1/4	1.7846	4 1/4	3.1662	4 1/4	4.5478	4 1/4	5.9295	4 1/4	7.3111	4 1/4	8.6927	4 1/4	1.00743	4 1/4	1.14560	4 1/4	1.28376	4 1/4	1.42192	4 1/4	1.56009	4 1/4	1.68854	4 1/4
4 1/2	43.17	4 1/2	1.8133	4 1/2	3.1950	4 1/2	4.5766	4 1/2	5.9582	4 1/2	7.3399	4 1/2	8.7215	4 1/2	1.01031	4 1/2	1.14848	4 1/2	1.28664	4 1/2	1.42480	4 1/2	1.56297	4 1/2	1.68914	4 1/2
4 3/4	46.02	4 3/4	1.8421	4 3/4	3.2238	4 3/4	4.6054	4 3/4	5.9870	4 3/4	7.3687	4 3/4	8.7503	4 3/4	1.01319	4 3/4	1.15135	4 3/4	1.28952	4 3/4	1.42768	4 3/4	1.56584	4 3/4	1.68950	4 3/4
5	48.93	5	1.8709	5	3.2525	5	4.6342	5	6.0158	5	7.3974	5	8.7791	5	1.01607	5	1.15423	5	1.29240	5	1.43056	5	1.56872	5	1.68962	5
5 1/4	51.81	5 1/4	1.8997	5 1/4	3.2813	5 1/4	4.6630	5 1/4	6.0446	5 1/4	7.4262	5 1/4	8.8079	5 1/4	1.01895	5 1/4	1.15711	5 1/4	1.29527	5 1/4	1.43344	5 1/4	1.57160	5 1/4		5 1/4
5 1/2	54.68	5 1/2	1.9285	5 1/2	3.3101	5 1/2	4.6917	5 1/2	6.0734	5 1/2	7.4550	5 1/2	8.8366	5 1/2	1.02183	5 1/2	1.15999	5 1/2	1.29815	5 1/2	1.43632	5 1/2	1.57448	5 1/2		5 1/2
5 3/4	57.56	5 3/4	1.9573	5 3/4	3.3389	5 3/4	4.7205	5 3/4	6.1022	5 3/4	7.4838	5 3/4	8.8654	5 3/4	1.02471	5 3/4	1.16287	5 3/4	1.30103	5 3/4	1.43919	5 3/4	1.57736	5 3/4		5 3/4
6	60.44	6	1.9860	6	3.3677	6	4.7493	6	6.1309	6	7.5126	6	8.8942	6	1.02758	6	1.16575	6	1.30391	6	1.44207	6	1.58024	6		6
6 1/4	63.32	6 1/4	2.0148	6 1/4	3.3965	6 1/4	4.7781	6 1/4	6.1597	6 1/4	7.5414	6 1/4	8.9230	6 1/4	1.03046	6 1/4	1.16863	6 1/4	1.30679	6 1/4	1.44495	6 1/4	1.58311	6 1/4		6 1/4
6 1/2	66.20	6 1/2	2.0436	6 1/2	3.4253	6 1/2	4.8069	6 1/2	6.1885	6 1/2	7.5701	6 1/2	8.9518	6 1/2	1.03334	6 1/2	1.17150	6 1/2	1.30967	6 1/2	1.44783	6 1/2	1.58599	6 1/2		6 1/2
6 3/4	69.08	6 3/4	2.0724	6 3/4	3.4540	6 3/4	4.8357	6 3/4	6.2173	6 3/4	7.5989	6 3/4	8.9806	6 3/4	1.03622	6 3/4	1.17438	6 3/4	1.31255	6 3/4	1.45071	6 3/4	1.58887	6 3/4		6 3/4
7	71.95	7	2.1012	7	3.4828	7	4.8644	7	6.2461	7	7.6277	7	9.0093	7	1.03910	7	1.17726	7	1.31542	7	1.45359	7	1.59175	7		7
7 1/4	74.83	7 1/4	2.1300	7 1/4	3.5116	7 1/4	4.8932	7 1/4	6.2749	7 1/4	7.6565	7 1/4	9.0381	7 1/4	1.04198	7 1/4	1.18014	7 1/4	1.31830	7 1/4	1.45647	7 1/4	1.59463	7 1/4		7 1/4
7 1/2	77.71	7 1/2	2.1587	7 1/2	3.5404	7 1/2	4.9220	7 1/2	6.3036	7 1/2	7.6853	7 1/2	9.0669	7 1/2	1.04485	7 1/2	1.18302	7 1/2	1.32118	7 1/2	1.45934	7 1/2	1.59751	7 1/2		7 1/2
7 3/4	80.59	7 3/4	2.1875	7 3/4	3.5692	7 3/4	4.9508	7 3/4	6.3324	7 3/4	7.7141	7 3/4	9.0957	7 3/4	1.04773	7 3/4	1.18590	7 3/4	1.32406	7 3/4	1.46222	7 3/4	1.60039	7 3/4		7 3/4
8	83.47	8	2.2163	8	3.5979	8	4.9796	8	6.3612	8	7.7428	8	9.1245	8	1.05061	8	1.18877	8	1.32694	8	1.46510	8	1.60326	8		8
8 1/4	86.35	8 1/4	2.2451	8 1/4	3.6267	8 1/4	5.0084	8 1/4	6.3900	8 1/4	7.7716	8 1/4	9.1533	8 1/4	1.05349	8 1/4	1.19165	8 1/4	1.32982	8 1/4	1.46798	8 1/4	1.60614	8 1/4		8 1/4
8 1/2	89.23	8 1/2	2.2739	8 1/2	3.6555	8 1/2	5.0371	8 1/2	6.4188	8 1/2	7.8004	8 1/2	9.1820	8 1/2	1.05637	8 1/2	1.19453	8 1/2	1.33270	8 1/2	1.47086	8 1/2	1.60902	8 1/2		8 1/2
8 3/4	92.10	8 3/4	2.3027	8 3/4	3.6843	8 3/4	5.0659	8 3/4	6.4476	8 3/4	7.8292	8 3/4	9.2108	8 3/4	1.05925	8 3/4	1.19741	8 3/4	1.33557	8 3/4	1.47374	8 3/4	1.61190	8 3/4		8 3/4
9	94.98	9	2.3315	9	3.7131	9	5.0947	9	6.4763	9	7.8580	9	9.2396	9	1.06212	9	1.20029	9	1.33845	9	1.47661	9	1.61478	9		9
9 1/4	97.86	9 1/4	2.3602	9 1/4	3.7419	9 1/4	5.1235	9 1/4	6.5051	9 1/4	7.8868	9 1/4	9.2684	9 1/4	1.06500	9 1/4	1.20317	9 1/4	1.34133	9 1/4	1.47949	9 1/4	1.61766	9 1/4		9 1/4
9 1/2	100.74	9 1/2	2.3890	9 1/2	3.7707	9 1/2	5.1523	9 1/2	6.5339	9 1/2	7.9155	9 1/2	9.2972	9 1/2	1.06788	9 1/2	1.20604	9 1/2	1.34421	9 1/2	1.48237	9 1/2	1.62051	9 1/2		9 1/2
9 3/4	103.62	9 3/4	2.4178	9 3/4	3.7994	9 3/4	5.1811	9 3/4	6.5627	9 3/4	7.9443	9 3/4	9.3260	9 3/4	1.07076	9 3/4	1.20892	9 3/4	1.34709	9 3/4	1.48525	9 3/4	1.62341	9 3/4		9 3/4
10	106.50	10	2.4466	10	3.8282	10	5.2099	10	6.5915	10	7.9731	10	9.3547	10	1.07364	10	1.21180	10	1.34996	10	1.48813	10	1.62629	10		10
10 1/4	109.37	10 1/4	2.4754	10 1/4	3.8570	10 1/4	5.2386	10 1/4	6.6203	10 1/4	8.0019	10 1/4	9.3835	10 1/4	1.07652	10 1/4	1.21468	10 1/4	1.35284	10 1/4	1.49101	10 1/4	1.62917	10 1/4		10 1/4
10 1/2	112.25	10 1/2	2.5042	10 1/2	3.8858	10 1/2	5.2674	10 1/2	6.6491	10 1/2	8.0307	10 1/2	9.4123	10 1/2	1.07939	10 1/2	1.21756	10 1/2	1.35572	10 1/2	1.49388	10 1/2	1.63205	10 1/2		

**BARGE IB986**

**TANK GAUGE TABLE**

**2 PORT**

GAUGE HEIGHT 13'-11 7/8"

IN	0 FT	IN	1 FT	IN	2 FT	IN	3 FT	IN	4 FT	IN	5 FT	IN	6 FT	IN	7 FT	IN	8 FT	IN	9 FT	IN	10 FT	IN	11 FT	IN	12 FT	IN
0	1.08	0	1.29.67	0	2.68.01	0	4.06.35	0	5.44.68	0	6.83.02	0	8.21.35	0	9.59.69	0	1.09.03	0	1.23.36	0	1.37.70	0	1.51.03	0	1.65.37	0
1/4	1.92	1/4	1.32.56	1/4	2.73.77	1/4	4.09.23	1/4	5.47.56	1/4	6.85.90	1/4	8.24.24	1/4	9.62.57	1/4	1.10.09	1/4	1.23.92	1/4	1.37.58	1/4	1.51.92	1/4	1.65.42	1/4
1/2	3.00	1/2	1.35.44	1/2	2.73.77	1/2	4.12.11	1/2	5.50.45	1/2	6.88.78	1/2	8.27.12	1/2	9.65.45	1/2	1.10.3.79	1/2	1.24.13	1/2	1.38.06	1/2	1.51.80	1/2	1.65.73	1/2
3/4	4.12	3/4	1.38.32	3/4	2.76.66	3/4	4.14.99	3/4	5.53.33	3/4	6.91.66	3/4	8.30.00	3/4	9.68.34	3/4	1.10.6.67	3/4	1.24.50	3/4	1.38.34	3/4	1.52.16	3/4	1.66.00	3/4
1	5.88	1	1.41.20	1	2.79.54	1	4.17.87	1	5.56.21	1	6.94.55	1	8.32.88	1	9.71.22	1	1.10.9.59	1	1.24.89	1	1.38.62	1	1.52.45	1	1.66.25	1
1/4	7.68	1/4	1.44.08	1/4	2.82.42	1/4	4.20.76	1/4	5.59.09	1/4	6.97.43	1/4	8.35.76	1/4	9.74.10	1/4	1.11.2.44	1/4	1.25.07	1/4	1.38.91	1/4	1.52.74	1/4	1.66.57	1/4
1/2	9.72	1/2	1.46.97	1/2	2.85.30	1/2	4.23.64	1/2	5.61.97	1/2	7.00.31	1/2	8.38.65	1/2	9.76.98	1/2	1.11.5.32	1/2	1.25.35	1/2	1.39.19	1/2	1.53.03	1/2	1.66.86	1/2
3/4	1.200	3/4	1.49.85	3/4	2.88.18	3/4	4.26.52	3/4	5.64.86	3/4	7.03.19	3/4	8.41.53	3/4	9.79.86	3/4	1.11.8.20	3/4	1.25.65	3/4	1.39.47	3/4	1.53.31	3/4	1.67.15	3/4
2	1.452	2	1.52.73	2	2.91.07	2	4.29.40	2	5.67.74	2	7.06.07	2	8.44.41	2	9.82.75	2	1.12.1.08	2	1.25.94	2	1.39.75	2	1.53.60	2	1.67.43	2
1/4	1.728	1/4	1.55.61	1/4	2.93.95	1/4	4.32.28	1/4	5.70.62	1/4	7.08.96	1/4	8.47.29	1/4	9.85.63	1/4	1.12.3.96	1/4	1.26.23	1/4	1.40.04	1/4	1.53.87	1/4	1.67.71	1/4
1/2	2.016	1/2	1.58.49	1/2	2.96.83	1/2	4.35.17	1/2	5.73.50	1/2	7.11.84	1/2	8.50.17	1/2	9.88.51	1/2	1.12.6.85	1/2	1.26.51	1/2	1.40.32	1/2	1.54.18	1/2	1.67.97	1/2
3/4	2.304	3/4	1.61.38	3/4	2.99.71	3/4	4.38.05	3/4	5.76.38	3/4	7.14.72	3/4	8.53.06	3/4	9.91.39	3/4	1.12.9.73	3/4	1.26.80	3/4	1.40.60	3/4	1.54.47	3/4	1.68.19	3/4
3	2.592	3	1.64.26	3	3.02.59	3	4.40.93	3	5.79.27	3	7.17.60	3	8.55.94	3	9.94.27	3	1.13.2.61	3	1.27.09	3	1.40.92	3	1.54.72	3	1.68.40	3
1/4	2.880	1/4	1.67.14	1/4	3.05.48	1/4	4.43.81	1/4	5.82.15	1/4	7.20.48	1/4	8.58.82	1/4	9.97.16	1/4	1.13.5.49	1/4	1.27.38	1/4	1.41.21	1/4	1.55.05	1/4	1.68.58	1/4
1/2	3.168	1/2	1.70.02	1/2	3.08.36	1/2	4.46.69	1/2	5.85.03	1/2	7.23.37	1/2	8.61.70	1/2	1.00.00	1/2	1.13.8.37	1/2	1.27.67	1/2	1.41.50	1/2	1.55.38	1/2	1.68.73	1/2
3/4	3.457	3/4	1.72.90	3/4	3.11.24	3/4	4.49.58	3/4	5.87.91	3/4	7.26.25	3/4	8.64.58	3/4	1.00.29	3/4	1.14.1.26	3/4	1.27.95	3/4	1.41.79	3/4	1.55.62	3/4	1.68.71	3/4
4	3.745	4	1.75.79	4	3.14.12	4	4.52.46	4	5.90.79	4	7.29.12	4	8.67.47	4	1.00.58	4	1.14.4.14	4	1.28.24	4	1.42.01	4	1.55.95	4	1.68.97	4
1/4	4.033	1/4	1.78.67	1/4	3.17.00	1/4	4.55.34	1/4	5.93.68	1/4	7.32.01	1/4	8.70.35	1/4	1.00.86	1/4	1.14.7.02	1/4	1.28.53	1/4	1.42.26	1/4	1.56.20	1/4	1.69.03	1/4
1/2	4.321	1/2	1.81.55	1/2	3.19.89	1/2	4.58.22	1/2	5.96.56	1/2	7.34.89	1/2	8.73.23	1/2	1.01.15	1/2	1.14.9.90	1/2	1.28.82	1/2	1.42.65	1/2	1.56.49	1/2	1.69.12	1/2
3/4	4.610	3/4	1.84.43	3/4	3.22.77	3/4	4.61.10	3/4	5.99.44	3/4	7.37.78	3/4	8.76.11	3/4	1.01.44	3/4	1.15.2.78	3/4	1.29.12	3/4	1.42.94	3/4	1.56.79	3/4	1.69.15	3/4
5	4.898	5	1.87.31	5	3.25.65	5	4.63.99	5	6.02.32	5	7.40.66	5	8.78.99	5	1.01.73	5	1.15.5.67	5	1.29.40	5	1.43.23	5	1.57.07	5	1.69.17	5
1/4	5.186	1/4	1.90.20	1/4	3.28.53	1/4	4.66.87	1/4	6.05.20	1/4	7.43.54	1/4	8.81.88	1/4	1.02.02	1/4	1.15.8.55	1/4	1.29.68	1/4	1.43.52	1/4	1.57.35	1/4	1.69.17	1/4
1/2	5.474	1/2	1.93.08	1/2	3.31.41	1/2	4.69.75	1/2	6.08.09	1/2	7.46.42	1/2	8.84.76	1/2	1.02.30	1/2	1.16.1.43	1/2	1.29.97	1/2	1.43.81	1/2	1.57.64	1/2	1.69.17	1/2
3/4	5.762	3/4	1.95.96	3/4	3.34.30	3/4	4.72.63	3/4	6.10.97	3/4	7.49.30	3/4	8.87.64	3/4	1.02.59	3/4	1.16.4.31	3/4	1.30.25	3/4	1.44.09	3/4	1.57.92	3/4	1.69.17	3/4
6	6.051	6	1.98.84	6	3.37.18	6	4.75.51	6	6.13.85	6	7.52.19	6	8.90.52	6	1.02.88	6	1.16.7.19	6	1.30.53	6	1.44.38	6	1.58.20	6	1.69.17	6
1/4	6.339	1/4	2.01.72	1/4	3.40.06	1/4	4.78.40	1/4	6.16.73	1/4	7.55.07	1/4	8.93.40	1/4	1.03.17	1/4	1.17.0.08	1/4	1.30.81	1/4	1.44.67	1/4	1.58.50	1/4	1.69.17	1/4
1/2	6.627	1/2	2.04.61	1/2	3.42.94	1/2	4.81.28	1/2	6.19.61	1/2	7.57.95	1/2	8.96.29	1/2	1.03.46	1/2	1.17.2.96	1/2	1.31.12	1/2	1.44.96	1/2	1.58.79	1/2	1.69.17	1/2
3/4	6.915	3/4	2.07.49	3/4	3.45.82	3/4	4.84.16	3/4	6.22.50	3/4	7.60.83	3/4	8.99.17	3/4	1.03.75	3/4	1.17.5.84	3/4	1.31.41	3/4	1.45.25	3/4	1.59.05	3/4	1.69.17	3/4
7	7.203	7	2.10.37	7	3.48.71	7	4.87.04	7	6.24.38	7	7.63.71	7	9.02.05	7	1.04.04	7	1.17.8.72	7	1.31.70	7	1.45.53	7	1.59.33	7	1.69.17	7
1/4	7.492	1/4	2.13.25	1/4	3.51.59	1/4	4.89.92	1/4	6.28.26	1/4	7.66.60	1/4	9.04.93	1/4	1.04.32	1/4	1.18.1.60	1/4	1.31.99	1/4	1.45.82	1/4	1.59.61	1/4	1.69.17	1/4
1/2	7.780	1/2	2.16.13	1/2	3.54.47	1/2	4.92.81	1/2	6.31.14	1/2	7.69.48	1/2	9.07.81	1/2	1.04.61	1/2	1.18.4.49	1/2	1.32.28	1/2	1.46.16	1/2	1.59.90	1/2	1.69.17	1/2
3/4	8.068	3/4	2.19.02	3/4	3.57.35	3/4	4.95.69	3/4	6.34.02	3/4	7.72.36	3/4	9.10.70	3/4	1.04.90	3/4	1.18.7.37	3/4	1.32.57	3/4	1.46.40	3/4	1.60.28	3/4	1.69.17	3/4
8	8.356	8	2.21.90	8	3.60.23	8	4.98.57	8	6.36.91	8	7.75.24	8	9.13.58	8	1.05.19	8	1.19.0.25	8	1.32.85	8	1.46.62	8	1.60.56	8	1.69.17	8
1/4	8.644	1/4	2.24.78	1/4	3.63.12	1/4	5.01.45	1/4	6.39.79	1/4	7.78.12	1/4	9.16.46	1/4	1.05.48	1/4	1.19.3.13	1/4	1.33.14	1/4	1.46.90	1/4	1.60.81	1/4	1.69.17	1/4
1/2	8.933	1/2	2.27.66	1/2	3.66.00	1/2	5.04.33	1/2	6.42.67	1/2	7.81.01	1/2	9.19.34	1/2	1.05.76	1/2	1.19.6.01	1/2	1.33.43	1/2	1.47.26	1/2	1.61.02	1/2	1.69.17	1/2
3/4	9.221	3/4	2.30.54	3/4	3.68.88	3/4	5.07.22	3/4	6.45.55	3/4	7.83.89	3/4	9.22.22	3/4	1.06.05	3/4	1.19.8.90	3/4	1.33.72	3/4	1.47.55	3/4	1.61.30	3/4	1.69.17	3/4
9	9.509	9	2.33.43	9	3.71.76	9	5.10.10	9	6.48.43	9	7.86.77	9	9.25.11	9	1.06.34	9	1.20.1.78	9	1.34.01	9	1.47.84	9	1.61.67	9	1.69.17	9
1/4	9.797	1/4	2.36.31	1/4	3.74.64	1/4	5.12.98	1/4	6.51.32	1/4	7.89.65	1/4	9.27.99	1/4	1.06.63	1/4	1.20.4.66	1/4	1.34.30	1/4	1.48.13	1/4	1.61.96	1/4	1.69.17	1/4
1/2	10.085	1/2	2.39.19	1/2	3.77.53	1/2	5.15.86	1/2	6.54.20	1/2	7.92.53	1/2	9.30.87	1/2	1.06.92	1/2	1.20.7.54	1/2	1.34.58	1/2	1.48.42	1/2	1.62.25	1/2	1.69.17	1/2
3/4	10.374	3/4	2.42.07	3/4	3.80.41	3/4	5.18.74	3/4	6.57.08	3/4	7.95.42	3/4	9.33.75	3/4	1.07.20	3/4	1.21.0.42	3/4	1.34.87	3/4	1.48.71	3/4	1.62.53	3/4	1.69.17	3/4
10	10.662	10	2.44.95	10	3.83.29	10	5.21.62	10	6.59.96	10	7.98.30	10	9.36.63	10	1.07.49	10	1.21.3.31	10	1.35.14	10	1.48.98	10	1.62.81	10	1.69.17	10
1/4	10.950	1/4	2.47.84	1/4	3.86.17	1/4	5.24.51	1/4	6.62.84	1/4	8.01.18	1/4	9.39.52	1/4	1.07.78	1/4	1.21.6.19	1/4	1.35.43	1/4	1.49.26	1/4	1.63.10	1/4	1.69.17	1/4
1/2	11.238	1/2	2.50.72	1/2	3.89.05	1/2	5.27.39	1/2	6.65.72	1/2	8.04.06	1/2	9.42.40	1/2	1.08.07	1/2	1.21.9.07	1/2	1.35.71	1/2	1.49.54	1/2	1.63.40	1/2	1.69.17	1/2
3/4	11.526	3/4	2.53.60	3/4	3.91.94	3/4	5.30.27	3/4	6.68.61	3/4	8.06.94	3/4	9.45.28	3/4	1.08.36	3/4	1.22.1.95	3/4	1.36.02	3/4	1.49.82	3/4	1.63.69	3/4	1.69.17	3/4

**BARGE IB986**

**TANK GAUGE TABLE**  
**3 STAR.**

GAUGE HEIGHT 14'-0"

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
0	1.08	0	1.2257	0	2.67.78	0	4.06.00	0	5.44.21	0	6.82.43	0	8.20.65	0	9.58.86	0	1.09.70.8	0	1.235.29	0	1.373.51	0	1.511.73	0	1.649.94	0
1/4	1.92	1/4	1.3245	1/4	2.70.66	1/4	4.08.88	1/4	5.47.09	1/4	6.85.31	1/4	8.23.53	1/4	9.61.74	1/4	1.09.99.6	1/4	1.238.17	1/4	1.376.39	1/4	1.514.61	1/4	1.652.82	1/4
1/2	3.00	1/2	1.3532	1/2	2.73.54	1/2	4.11.76	1/2	5.49.97	1/2	6.88.19	1/2	8.26.40	1/2	9.64.62	1/2	1.10.28.4	1/2	1.241.05	1/2	1.379.27	1/2	1.517.48	1/2	1.655.70	1/2
3/4	4.32	3/4	1.3820	3/4	2.76.42	3/4	4.14.64	3/4	5.52.85	3/4	6.91.07	3/4	8.29.28	3/4	9.67.50	3/4	1.10.97.2	3/4	1.243.92	3/4	1.382.15	3/4	1.520.36	3/4	1.658.98	3/4
1	5.88	1	1.4108	1	2.79.30	1	4.17.52	1	5.55.73	1	6.93.95	1	8.32.16	1	9.70.38	1	1.10.86.0	1	1.246.81	1	1.385.03	1	1.523.24	1	1.661.46	1
1 1/4	7.68	1 1/4	1.4396	1 1/4	2.82.18	1 1/4	4.20.40	1 1/4	5.58.61	1 1/4	6.96.83	1 1/4	8.35.04	1 1/4	9.73.26	1 1/4	1.11.14.8	1 1/4	1.249.69	1 1/4	1.387.91	1 1/4	1.526.12	1 1/4	1.664.34	1 1/4
1 1/2	9.72	1 1/2	1.4684	1 1/2	2.85.06	1 1/2	4.23.27	1 1/2	5.61.49	1 1/2	6.99.71	1 1/2	8.37.92	1 1/2	9.76.14	1 1/2	1.11.43.5	1 1/2	1.252.57	1 1/2	1.390.79	1 1/2	1.529.00	1 1/2	1.667.22	1 1/2
1 3/4	12.00	1 3/4	1.4972	1 3/4	2.87.94	1 3/4	4.26.15	1 3/4	5.64.37	1 3/4	7.02.59	1 3/4	8.40.80	1 3/4	9.79.02	1 3/4	1.11.72.3	1 3/4	1.255.45	1 3/4	1.393.67	1 3/4	1.531.88	1 3/4	1.670.10	1 3/4
2	14.52	2	1.5260	2	2.90.82	2	4.29.03	2	5.67.25	2	7.03.47	2	8.41.68	2	9.81.90	2	1.12.01.1	2	1.258.33	2	1.396.55	2	1.534.76	2	1.672.98	2
2 1/4	17.27	2 1/4	1.5548	2 1/4	2.93.70	2 1/4	4.31.91	2 1/4	5.70.13	2 1/4	7.06.32	2 1/4	8.46.54	2 1/4	9.84.78	2 1/4	1.12.29.9	2 1/4	1.261.21	2 1/4	1.399.43	2 1/4	1.537.64	2 1/4	1.675.73	2 1/4
2 1/2	20.14	2 1/2	1.5836	2 1/2	2.96.58	2 1/2	4.34.79	2 1/2	5.73.01	2 1/2	7.11.22	2 1/2	8.49.44	2 1/2	9.87.66	2 1/2	1.12.58.7	2 1/2	1.264.09	2 1/2	1.402.30	2 1/2	1.540.52	2 1/2	1.678.25	2 1/2
2 3/4	23.02	2 3/4	1.6124	2 3/4	2.99.46	2 3/4	4.37.67	2 3/4	5.75.89	2 3/4	7.14.10	2 3/4	8.52.32	2 3/4	9.90.54	2 3/4	1.12.87.5	2 3/4	1.266.97	2 3/4	1.405.18	2 3/4	1.543.40	2 3/4	1.680.52	2 3/4
3	25.90	3	1.6412	3	3.02.34	3	4.40.55	3	5.78.77	3	7.16.98	3	8.55.20	3	9.93.42	3	1.13.16.3	3	1.269.85	3	1.408.06	3	1.546.28	3	1.682.57	3
3 1/4	28.78	3 1/4	1.6700	3 1/4	3.05.22	3 1/4	4.43.43	3 1/4	5.81.65	3 1/4	7.19.86	3 1/4	8.58.08	3 1/4	9.96.30	3 1/4	1.13.45.1	3 1/4	1.272.73	3 1/4	1.410.94	3 1/4	1.549.16	3 1/4	1.684.37	3 1/4
3 1/2	31.66	3 1/2	1.6988	3 1/2	3.08.09	3 1/2	4.46.31	3 1/2	5.84.53	3 1/2	7.22.74	3 1/2	8.60.96	3 1/2	9.99.17	3 1/2	1.13.73.9	3 1/2	1.275.61	3 1/2	1.413.82	3 1/2	1.552.04	3 1/2	1.685.93	3 1/2
3 3/4	34.54	3 3/4	1.7276	3 3/4	3.10.97	3 3/4	4.49.19	3 3/4	5.87.41	3 3/4	7.25.62	3 3/4	8.63.84	3 3/4	1.00.20.5	3 3/4	1.14.02.7	3 3/4	1.278.49	3 3/4	1.416.70	3 3/4	1.554.92	3 3/4	1.687.25	3 3/4
4	37.42	4	1.7564	4	3.13.85	4	4.52.07	4	5.90.29	4	7.28.50	4	8.66.72	4	1.00.49.3	4	1.14.31.5	4	1.281.37	4	1.419.58	4	1.557.80	4	1.688.33	4
4 1/4	40.30	4 1/4	1.7852	4 1/4	3.16.73	4 1/4	4.54.95	4 1/4	5.93.17	4 1/4	7.31.38	4 1/4	8.69.60	4 1/4	1.00.78.1	4 1/4	1.14.60.3	4 1/4	1.284.25	4 1/4	1.422.46	4 1/4	1.560.68	4 1/4	1.689.17	4 1/4
4 1/2	43.18	4 1/2	1.8140	4 1/2	3.19.61	4 1/2	4.57.83	4 1/2	5.96.04	4 1/2	7.34.26	4 1/2	8.72.48	4 1/2	1.01.06.9	4 1/2	1.14.89.1	4 1/2	1.287.12	4 1/2	1.425.34	4 1/2	1.563.56	4 1/2	1.689.77	4 1/2
4 3/4	46.06	4 3/4	1.8428	4 3/4	3.22.49	4 3/4	4.60.71	4 3/4	5.98.92	4 3/4	7.37.14	4 3/4	8.75.36	4 3/4	1.01.35.7	4 3/4	1.15.17.9	4 3/4	1.290.00	4 3/4	1.428.22	4 3/4	1.566.44	4 3/4	1.690.13	4 3/4
5	48.94	5	1.8716	5	3.25.37	5	4.63.59	5	6.01.80	5	7.40.02	5	8.78.24	5	1.01.64.5	5	1.15.46.7	5	1.292.88	5	1.431.10	5	1.569.32	5	1.690.55	5
5 1/4	51.82	5 1/4	1.9004	5 1/4	3.28.25	5 1/4	4.66.47	5 1/4	6.04.68	5 1/4	7.42.90	5 1/4	8.81.12	5 1/4	1.01.93.3	5 1/4	1.15.75.9	5 1/4	1.295.76	5 1/4	1.433.98	5 1/4	1.572.20	5 1/4	1.690.97	5 1/4
5 1/2	54.70	5 1/2	1.9291	5 1/2	3.31.13	5 1/2	4.69.35	5 1/2	6.07.56	5 1/2	7.45.78	5 1/2	8.83.99	5 1/2	1.02.22.1	5 1/2	1.16.04.3	5 1/2	1.298.64	5 1/2	1.436.86	5 1/2	1.575.07	5 1/2	1.691.39	5 1/2
5 3/4	57.58	5 3/4	1.9579	5 3/4	3.34.01	5 3/4	4.72.23	5 3/4	6.10.44	5 3/4	7.48.66	5 3/4	8.86.87	5 3/4	1.02.50.9	5 3/4	1.16.33.1	5 3/4	1.301.52	5 3/4	1.439.74	5 3/4	1.577.95	5 3/4	1.691.81	5 3/4
6	60.46	6	1.9867	6	3.36.89	6	4.75.11	6	6.13.32	6	7.51.54	6	8.89.75	6	1.02.79.7	6	1.16.61.9	6	1.304.40	6	1.442.62	6	1.580.83	6	1.692.23	6
6 1/4	63.34	6 1/4	2.0155	6 1/4	3.39.77	6 1/4	4.77.99	6 1/4	6.16.20	6 1/4	7.54.42	6 1/4	8.92.63	6 1/4	1.03.08.5	6 1/4	1.16.90.7	6 1/4	1.307.28	6 1/4	1.445.50	6 1/4	1.583.71	6 1/4	1.692.65	6 1/4
6 1/2	66.22	6 1/2	2.0443	6 1/2	3.42.65	6 1/2	4.80.86	6 1/2	6.19.08	6 1/2	7.57.30	6 1/2	8.95.51	6 1/2	1.03.37.3	6 1/2	1.17.19.4	6 1/2	1.310.16	6 1/2	1.448.38	6 1/2	1.586.59	6 1/2	1.693.07	6 1/2
6 3/4	69.10	6 3/4	2.0731	6 3/4	3.45.53	6 3/4	4.83.74	6 3/4	6.21.96	6 3/4	7.60.18	6 3/4	8.98.39	6 3/4	1.03.66.1	6 3/4	1.17.48.2	6 3/4	1.313.04	6 3/4	1.451.26	6 3/4	1.589.47	6 3/4	1.693.49	6 3/4
7	71.98	7	2.1019	7	3.48.41	7	4.86.62	7	6.24.84	7	7.63.06	7	9.01.27	7	1.03.94.9	7	1.17.77.0	7	1.315.92	7	1.454.14	7	1.592.35	7	1.693.91	7
7 1/4	74.86	7 1/4	2.1307	7 1/4	3.51.29	7 1/4	4.89.50	7 1/4	6.27.72	7 1/4	7.65.94	7 1/4	9.04.13	7 1/4	1.04.23.7	7 1/4	1.18.05.8	7 1/4	1.318.80	7 1/4	1.457.02	7 1/4	1.595.23	7 1/4	1.694.33	7 1/4
7 1/2	77.74	7 1/2	2.1595	7 1/2	3.54.17	7 1/2	4.92.38	7 1/2	6.30.60	7 1/2	7.68.81	7 1/2	9.07.03	7 1/2	1.04.52.5	7 1/2	1.18.34.6	7 1/2	1.321.68	7 1/2	1.459.89	7 1/2	1.598.11	7 1/2	1.694.75	7 1/2
7 3/4	80.61	7 3/4	2.1883	7 3/4	3.57.05	7 3/4	4.95.26	7 3/4	6.33.48	7 3/4	7.71.69	7 3/4	9.09.91	7 3/4	1.04.81.3	7 3/4	1.18.63.4	7 3/4	1.324.56	7 3/4	1.462.77	7 3/4	1.600.99	7 3/4	1.695.17	7 3/4
8	83.49	8	2.2171	8	3.59.93	8	4.98.14	8	6.36.36	8	7.74.57	8	9.12.79	8	1.05.10.1	8	1.18.92.2	8	1.327.44	8	1.465.65	8	1.603.87	8	1.695.59	8
8 1/4	86.37	8 1/4	2.2459	8 1/4	3.62.81	8 1/4	5.01.02	8 1/4	6.39.24	8 1/4	7.77.45	8 1/4	9.15.67	8 1/4	1.05.38.9	8 1/4	1.19.21.0	8 1/4	1.330.32	8 1/4	1.468.53	8 1/4	1.606.75	8 1/4	1.696.01	8 1/4
8 1/2	89.25	8 1/2	2.2747	8 1/2	3.65.68	8 1/2	5.03.90	8 1/2	6.42.12	8 1/2	7.80.33	8 1/2	9.18.55	8 1/2	1.05.67.6	8 1/2	1.19.49.8	8 1/2	1.333.20	8 1/2	1.471.41	8 1/2	1.609.63	8 1/2	1.696.43	8 1/2
8 3/4	92.13	8 3/4	2.3035	8 3/4	3.68.56	8 3/4	5.06.78	8 3/4	6.45.00	8 3/4	7.83.21	8 3/4	9.21.43	8 3/4	1.05.96.4	8 3/4	1.19.78.6	8 3/4	1.336.08	8 3/4	1.474.29	8 3/4	1.612.51	8 3/4	1.696.85	8 3/4
9	95.01	9	2.3323	9	3.71.44	9	5.09.66	9	6.47.88	9	7.86.09	9	9.24.31	9	1.06.25.2	9	1.20.07.4	9	1.338.96	9	1.477.17	9	1.615.39	9	1.697.27	9
9 1/4	97.89	9 1/4	2.3611	9 1/4	3.74.32	9 1/4	5.12.54	9 1/4	6.50.76	9 1/4	7.88.97	9 1/4	9.27.19	9 1/4	1.06.54.0	9 1/4	1.20.36.2	9 1/4	1.341.84	9 1/4	1.480.05	9 1/4	1.618.27	9 1/4	1.697.69	9 1/4
9 1/2	100.77	9 1/2	2.3899	9 1/2	3.77.20	9 1/2	5.15.42	9 1/2	6.53.63	9 1/2	7.91.85	9 1/2	9.30.07	9 1/2	1.06.82.8	9 1/2	1.20.65.0	9 1/2	1.344.71	9 1/2	1.482.93	9 1/2	1.621.15	9 1/2	1.698.11	9 1/2
9 3/4	103.65	9 3/4	2.4187	9 3/4	3.80.08	9 3/4	5.18.30	9 3/4	6.56.51	9 3/4	7.94.73	9 3/4	9.32.95	9 3/4	1.07.11.6	9 3/4	1.20.93.8	9 3/4	1.347.59	9 3/4	1.485.81	9 3/4	1.624.03	9 3/4	1.698.53	9 3/4
10	106.53	10	2.4475	10	3.82.96	10	5.21.18	10	6.59.39	10	7.97.61	10	9.35.83	10	1.07.40.4	10	1.21.22.6	10	1.350.47	10	1.488.69	10	1.626.91	10	1.698.95	10
10 1/4	109.41	10 1/4	2.4763	10 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
0	1.08	0	1.2972	0	2.5812	0	4.0622	0	5.4496	0	6.8336	0	8.2176	0	9.6017	0	1.09857	0	1.23697	0	1.37538	0	1.51378	0	1.65218	0
1/4	1.92	1/4	1.3261	1/4	2.7102	1/4	4.1232	1/4	5.4784	1/4	6.8624	1/4	8.2465	1/4	9.6305	1/4	1.10434	1/4	1.23986	1/4	1.37826	1/4	1.51666	1/4	1.65507	1/4
1/2	3.00	1/2	1.5551	1/2	2.7392	1/2	4.1232	1/2	5.5072	1/2	6.8913	1/2	8.2753	1/2	9.6593	1/2	1.10434	1/2	1.24274	1/2	1.38114	1/2	1.51955	1/2	1.65795	1/2
3/4	4.32	3/4	1.3840	3/4	2.7680	3/4	4.1520	3/4	5.5361	3/4	6.9201	3/4	8.3041	3/4	9.6882	3/4	1.10722	3/4	1.24562	3/4	1.38403	3/4	1.52243	3/4	1.66083	3/4
1	5.88	1	1.4128	1	2.7968	1	4.1809	1	5.5649	1	6.9489	1	8.3330	1	9.7170	1	1.11010	1	1.24851	1	1.38691	1	1.52531	1	1.66372	1
1 1/4	7.69	1 1/4	1.4416	1 1/4	2.8257	1 1/4	4.2097	1 1/4	5.5937	1 1/4	6.9778	1 1/4	8.3618	1 1/4	9.7458	1 1/4	1.11299	1 1/4	1.25139	1 1/4	1.38979	1 1/4	1.52820	1 1/4	1.66650	1 1/4
1 1/2	9.73	1 1/2	1.4705	1 1/2	2.8545	1 1/2	4.2385	1 1/2	5.6226	1 1/2	7.0066	1 1/2	8.3906	1 1/2	9.7747	1 1/2	1.11587	1 1/2	1.25427	1 1/2	1.39268	1 1/2	1.53108	1 1/2	1.66948	1 1/2
1 3/4	12.01	1 3/4	1.4993	1 3/4	2.8833	1 3/4	4.2674	1 3/4	5.6514	1 3/4	7.0354	1 3/4	8.4195	1 3/4	9.8035	1 3/4	1.11875	1 3/4	1.25716	1 3/4	1.39556	1 3/4	1.53396	1 3/4	1.67237	1 3/4
2	14.33	2	1.5281	2	2.9122	2	4.2962	2	5.6802	2	7.0643	2	8.4483	2	9.8323	2	1.12164	2	1.26004	2	1.39844	2	1.53685	2	1.67525	2
2 1/4	17.10	2 1/4	1.5570	2 1/4	2.9410	2 1/4	4.3250	2 1/4	5.7091	2 1/4	7.0931	2 1/4	8.4771	2 1/4	9.8612	2 1/4	1.12452	2 1/4	1.26292	2 1/4	1.40133	2 1/4	1.53973	2 1/4	1.67802	2 1/4
2 1/2	20.18	2 1/2	1.5858	2 1/2	2.9698	2 1/2	4.3539	2 1/2	5.7379	2 1/2	7.1219	2 1/2	8.5060	2 1/2	9.8900	2 1/2	1.12740	2 1/2	1.26581	2 1/2	1.40421	2 1/2	1.54261	2 1/2	1.68084	2 1/2
2 3/4	23.06	2 3/4	1.6147	2 3/4	2.9987	2 3/4	4.3827	2 3/4	5.7667	2 3/4	7.1508	2 3/4	8.5348	2 3/4	9.9188	2 3/4	1.13029	2 3/4	1.26869	2 3/4	1.40709	2 3/4	1.54550	2 3/4	1.68382	2 3/4
3	25.95	3	1.6435	3	3.0275	3	4.4115	3	5.7956	3	7.1796	3	8.5636	3	9.9477	3	1.13317	3	1.27157	3	1.40998	3	1.54838	3	1.68686	3
3 1/4	28.83	3 1/4	1.6723	3 1/4	3.0564	3 1/4	4.4404	3 1/4	5.8244	3 1/4	7.2084	3 1/4	8.5923	3 1/4	9.9765	3 1/4	1.13605	3 1/4	1.27446	3 1/4	1.41286	3 1/4	1.55126	3 1/4	1.68967	3 1/4
3 1/2	31.71	3 1/2	1.7012	3 1/2	3.0852	3 1/2	4.4692	3 1/2	5.8532	3 1/2	7.2373	3 1/2	8.6213	3 1/2	1.00053	3 1/2	1.13894	3 1/2	1.27734	3 1/2	1.41574	3 1/2	1.55415	3 1/2	1.68823	3 1/2
3 3/4	34.60	3 3/4	1.7300	3 3/4	3.1140	3 3/4	4.4981	3 3/4	5.8821	3 3/4	7.2661	3 3/4	8.6501	3 3/4	1.00342	3 3/4	1.14182	3 3/4	1.28022	3 3/4	1.41863	3 3/4	1.55703	3 3/4	1.68955	3 3/4
4	37.48	4	1.7588	4	3.1429	4	4.5269	4	5.9109	4	7.2949	4	8.6790	4	1.00630	4	1.14470	4	1.28311	4	1.42151	4	1.55991	4	1.69063	4
4 1/4	40.36	4 1/4	1.7877	4 1/4	3.1717	4 1/4	4.5557	4 1/4	5.9398	4 1/4	7.3238	4 1/4	8.7078	4 1/4	1.00918	4 1/4	1.14759	4 1/4	1.28599	4 1/4	1.42439	4 1/4	1.56280	4 1/4	1.69147	4 1/4
4 1/2	43.25	4 1/2	1.8165	4 1/2	3.2005	4 1/2	4.5846	4 1/2	5.9686	4 1/2	7.3526	4 1/2	8.7358	4 1/2	1.01207	4 1/2	1.15047	4 1/2	1.28887	4 1/2	1.42728	4 1/2	1.56568	4 1/2	1.69207	4 1/2
4 3/4	46.13	4 3/4	1.8453	4 3/4	3.2294	4 3/4	4.6134	4 3/4	5.9974	4 3/4	7.3815	4 3/4	8.7639	4 3/4	1.01495	4 3/4	1.15335	4 3/4	1.29176	4 3/4	1.43016	4 3/4	1.56856	4 3/4	1.69243	4 3/4
5	49.01	5	1.8742	5	3.2582	5	4.6422	5	6.0263	5	7.4103	5	8.7921	5	1.01783	5	1.15624	5	1.29464	5	1.43304	5	1.57145	5	1.69255	5
5 1/4	51.90	5 1/4	1.9030	5 1/4	3.2870	5 1/4	4.6711	5 1/4	6.0551	5 1/4	7.4391	5 1/4	8.8202	5 1/4	1.02072	5 1/4	1.15912	5 1/4	1.29752	5 1/4	1.43593	5 1/4	1.57433	5 1/4		5 1/4
5 1/2	54.78	5 1/2	1.9318	5 1/2	3.3159	5 1/2	4.6999	5 1/2	6.0839	5 1/2	7.4680	5 1/2	8.8483	5 1/2	1.02360	5 1/2	1.16200	5 1/2	1.30041	5 1/2	1.43881	5 1/2	1.57721	5 1/2		5 1/2
5 3/4	57.66	5 3/4	1.9607	5 3/4	3.3447	5 3/4	4.7287	5 3/4	6.1128	5 3/4	7.4968	5 3/4	8.8768	5 3/4	1.02649	5 3/4	1.16489	5 3/4	1.30329	5 3/4	1.44169	5 3/4	1.58010	5 3/4		5 3/4
6	60.55	6	1.9895	6	3.3735	6	4.7576	6	6.1416	6	7.5256	6	8.9047	6	1.02937	6	1.16777	6	1.30617	6	1.44458	6	1.58298	6		6
6 1/4	63.43	6 1/4	2.0183	6 1/4	3.4024	6 1/4	4.7864	6 1/4	6.1704	6 1/4	7.5545	6 1/4	8.9333	6 1/4	1.03225	6 1/4	1.17066	6 1/4	1.30906	6 1/4	1.44746	6 1/4	1.58586	6 1/4		6 1/4
6 1/2	66.31	6 1/2	2.0472	6 1/2	3.4312	6 1/2	4.8152	6 1/2	6.1993	6 1/2	7.5833	6 1/2	8.9621	6 1/2	1.03514	6 1/2	1.17354	6 1/2	1.31194	6 1/2	1.45034	6 1/2	1.58875	6 1/2		6 1/2
6 3/4	69.20	6 3/4	2.0760	6 3/4	3.4600	6 3/4	4.8441	6 3/4	6.2281	6 3/4	7.6121	6 3/4	8.9902	6 3/4	1.03802	6 3/4	1.17642	6 3/4	1.31483	6 3/4	1.45323	6 3/4	1.59163	6 3/4		6 3/4
7	72.08	7	2.1048	7	3.4889	7	4.8729	7	6.2569	7	7.6410	7	9.0250	7	1.04090	7	1.17931	7	1.31771	7	1.45611	7	1.59451	7		7
7 1/4	74.96	7 1/4	2.1337	7 1/4	3.5177	7 1/4	4.9017	7 1/4	6.2858	7 1/4	7.6698	7 1/4	9.0538	7 1/4	1.04379	7 1/4	1.18219	7 1/4	1.32059	7 1/4	1.45900	7 1/4	1.59740	7 1/4		7 1/4
7 1/2	77.85	7 1/2	2.1625	7 1/2	3.5465	7 1/2	4.9306	7 1/2	6.3146	7 1/2	7.6986	7 1/2	9.0827	7 1/2	1.04667	7 1/2	1.18507	7 1/2	1.32348	7 1/2	1.46188	7 1/2	1.60028	7 1/2		7 1/2
7 3/4	80.73	7 3/4	2.1913	7 3/4	3.5754	7 3/4	4.9594	7 3/4	6.3434	7 3/4	7.7275	7 3/4	9.1115	7 3/4	1.04955	7 3/4	1.18796	7 3/4	1.32636	7 3/4	1.46476	7 3/4	1.60317	7 3/4		7 3/4
8	83.61	8	2.2202	8	3.6042	8	4.9882	8	6.3723	8	7.7563	8	9.1403	8	1.05244	8	1.19084	8	1.32924	8	1.46765	8	1.60605	8		8
8 1/4	86.50	8 1/4	2.2490	8 1/4	3.6330	8 1/4	5.0171	8 1/4	6.4011	8 1/4	7.7851	8 1/4	9.1692	8 1/4	1.05532	8 1/4	1.19372	8 1/4	1.33213	8 1/4	1.47053	8 1/4	1.60893	8 1/4		8 1/4
8 1/2	89.38	8 1/2	2.2778	8 1/2	3.6619	8 1/2	5.0459	8 1/2	6.4299	8 1/2	7.8140	8 1/2	9.1980	8 1/2	1.05820	8 1/2	1.19661	8 1/2	1.33501	8 1/2	1.47341	8 1/2	1.61182	8 1/2		8 1/2
8 3/4	92.26	8 3/4	2.3067	8 3/4	3.6907	8 3/4	5.0747	8 3/4	6.4588	8 3/4	7.8428	8 3/4	9.2268	8 3/4	1.06109	8 3/4	1.19949	8 3/4	1.33789	8 3/4	1.47630	8 3/4	1.61470	8 3/4		8 3/4
9	95.15	9	2.3355	9	3.7195	9	5.1036	9	6.4876	9	7.8716	9	9.2557	9	1.06397	9	1.20237	9	1.34078	9	1.47918	9	1.61758	9		9
9 1/4	98.03	9 1/4	2.3643	9 1/4	3.7484	9 1/4	5.1324	9 1/4	6.5164	9 1/4	7.9005	9 1/4	9.2845	9 1/4	1.06685	9 1/4	1.20526	9 1/4	1.34366	9 1/4	1.48206	9 1/4	1.62047	9 1/4		9 1/4
9 1/2	100.91	9 1/2	2.3932	9 1/2	3.7772	9 1/2	5.1612	9 1/2	6.5453	9 1/2	7.9293	9 1/2	9.3133	9 1/2	1.06974	9 1/2	1.20814	9 1/2	1.34654	9 1/2	1.48495	9 1/2	1.62335	9 1/2		9 1/2
9 3/4	103.80	9 3/4	2.4220	9 3/4	3.8060	9 3/4	5.1901	9 3/4	6.5741	9 3/4	7.9581	9 3/4	9.3422	9 3/4	1.07262	9 3/4	1.21102	9 3/4	1.34943	9 3/4	1.48783	9 3/4	1.62623	9 3/4		9 3/4
10	106.68	10	2.4508	10	3.8349	10	5.2189	10	6.6029	10	7.9870	10	9.3710	10	1.07550	10	1.21391	10	1.35231	10	1.49071	10	1.62912	10		10
10 1/4	109.56	10 1/4	2.4797	10 1/4	3.8637	10 1/4	5.2477	10 1/4	6.6318	10 1/4	8.0158	10 1/4	9.3998	10 1/4	1.07839	10 1/4	1.21679	10 1/4	1.35519	10 1/4	1.49360	10 1/4	1.63200	10 1/4		10 1/4
10 1/2	112.45	10 1/2	2.5085	10 1/2	3.8925	10 1/2	5.2766	10 1/2	6.6606	10 1/2	8.0446	10 1/2	9.4287	10 1/2	1.08127	10 1/2	1.21967	10 1/2	1.35808	10 1/2	1.49648	10 1/2	1.63488	10 1/2		10 1/2
10 3/4	115.33	10 3/4	2.5373	10 3/4	3.9214	10 3/4	5.3054	10 3/4	6.6894	10 3/																