

GAUGE HEIGHT: 16'-4.58"

CAPACITIES GIVEN IN WHOLE GALLONS		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.	
M	H	M	H	M	H	M	H	M	H	M	H	M	H	M	H	M	H	M	H	M	H
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	176.997	1/4	164.979	1/4	151.429	1/4	137.879	1/4	124.330	1/4	110.780	1/4	97.230	1/4	83.680	1/4	70.130	1/4	56.581	1/4	43.031
1/2	176.927	1/2	164.697	1/2	151.147	1/2	137.597	1/2	124.047	1/2	110.497	1/2	96.947	1/2	83.397	1/2	69.847	1/2	56.298	1/2	42.748
3/4	176.807	3/4	164.414	3/4	150.865	3/4	137.315	3/4	123.765	3/4	110.215	3/4	96.665	3/4	83.115	3/4	69.598	3/4	56.016	3/4	42.499
1	176.687	1	164.132	1	150.592	1	137.033	1	123.503	1	109.963	1	96.383	1	82.833	1	69.263	1	55.734	1	42.250
1/4	176.567	1/4	163.850	1/4	150.300	1/4	136.750	1/4	123.200	1/4	109.651	1/4	96.101	1/4	82.551	1/4	69.001	1/4	55.451	1/4	41.970
1/2	176.447	1/2	163.569	1/2	150.018	1/2	136.468	1/2	122.918	1/2	109.368	1/2	95.819	1/2	82.269	1/2	68.719	1/2	55.169	1/2	41.726
3/4	176.270	3/4	163.285	3/4	149.735	3/4	136.186	3/4	122.636	3/4	109.086	3/4	95.536	3/4	81.986	3/4	68.437	3/4	54.805	3/4	41.482
2	176.094	2	163.003	2	149.453	2	135.903	2	122.354	2	108.804	2	95.254	2	81.704	2	68.154	2	54.522	2	41.238
1/4	175.918	1/4	162.721	1/4	149.171	1/4	135.621	1/4	122.071	1/4	108.521	1/4	94.972	1/4	81.421	1/4	67.872	1/4	54.260	1/4	40.994
1/2	175.741	1/2	162.439	1/2	148.889	1/2	135.339	1/2	121.789	1/2	108.239	1/2	94.689	1/2	81.140	1/2	67.590	1/2	53.998	1/2	40.750
3/4	175.508	3/4	162.156	3/4	148.606	3/4	135.056	3/4	121.507	3/4	107.957	3/4	94.407	3/4	80.857	3/4	67.307	3/4	53.738	3/4	40.506
3	175.275	3	161.874	3	148.324	3	134.774	3	121.224	3	107.675	3	94.125	3	80.575	3	67.025	3	53.475	3	40.262
1/4	175.043	1/4	161.592	1/4	148.042	1/4	134.492	1/4	120.942	1/4	107.392	1/4	93.843	1/4	80.293	1/4	66.743	1/4	53.213	1/4	40.018
1/2	174.810	1/2	161.309	1/2	147.759	1/2	134.210	1/2	120.660	1/2	107.110	1/2	93.560	1/2	80.010	1/2	66.461	1/2	52.951	1/2	39.774
3/4	174.539	3/4	161.027	3/4	147.477	3/4	133.927	3/4	120.378	3/4	106.828	3/4	93.278	3/4	79.728	3/4	66.178	3/4	52.689	3/4	39.530
4	174.288	4	160.745	4	147.195	4	133.645	4	120.095	4	106.545	4	92.996	4	79.446	4	65.896	4	52.426	4	39.286
1/4	173.997	1/4	160.462	1/4	146.913	1/4	133.363	1/4	119.813	1/4	106.263	1/4	92.713	1/4	79.164	1/4	65.614	1/4	52.164	1/4	39.042
1/2	173.726	1/2	160.180	1/2	146.630	1/2	133.080	1/2	119.531	1/2	105.981	1/2	92.431	1/2	78.881	1/2	65.331	1/2	51.902	1/2	38.798
3/4	173.445	3/4	159.898	3/4	146.348	3/4	132.798	3/4	119.248	3/4	105.699	3/4	92.149	3/4	78.599	3/4	65.049	3/4	51.640	3/4	38.554
5	173.164	5	159.616	5	146.066	5	132.516	5	118.966	5	105.416	5	91.866	5	78.317	5	64.767	5	51.377	5	38.310
1/4	172.882	1/4	159.333	1/4	145.783	1/4	132.234	1/4	118.684	1/4	105.134	1/4	91.584	1/4	78.034	1/4	64.485	1/4	51.115	1/4	38.066
1/2	172.601	1/2	159.051	1/2	145.501	1/2	131.951	1/2	118.402	1/2	104.852	1/2	91.302	1/2	77.752	1/2	64.202	1/2	50.853	1/2	37.822
3/4	172.318	3/4	158.769	3/4	145.219	3/4	131.669	3/4	118.119	3/4	104.569	3/4	91.020	3/4	77.470	3/4	63.920	3/4	50.590	3/4	37.578
6	172.036	6	158.486	6	144.937	6	131.387	6	117.837	6	104.287	6	90.737	6	77.188	6	63.638	6	50.326	6	37.334
1/4	171.754	1/4	158.204	1/4	144.654	1/4	131.104	1/4	117.555	1/4	104.005	1/4	90.455	1/4	76.905	1/4	63.355	1/4	49.806	1/4	37.090
1/2	171.472	1/2	157.922	1/2	144.372	1/2	130.822	1/2	117.272	1/2	103.723	1/2	90.173	1/2	76.623	1/2	63.073	1/2	49.542	1/2	36.846
3/4	171.189	3/4	157.640	3/4	144.090	3/4	130.540	3/4	116.990	3/4	103.440	3/4	89.890	3/4	76.341	3/4	62.791	3/4	49.281	3/4	36.602
7	170.907	7	157.357	7	143.807	7	130.258	7	116.708	7	103.158	7	89.608	7	76.058	7	62.509	7	48.999	7	36.358
1/4	170.625	1/4	157.075	1/4	143.525	1/4	129.975	1/4	116.426	1/4	102.876	1/4	89.326	1/4	75.776	1/4	62.226	1/4	48.676	1/4	36.114
1/2	170.342	1/2	156.793	1/2	143.243	1/2	129.693	1/2	116.143	1/2	102.593	1/2	89.044	1/2	75.494	1/2	61.944	1/2	48.394	1/2	35.870
3/4	170.060	3/4	156.510	3/4	142.961	3/4	129.411	3/4	115.861	3/4	102.311	3/4	88.761	3/4	75.212	3/4	61.662	3/4	48.112	3/4	35.626
8	169.778	8	156.228	8	142.678	8	129.128	8	115.579	8	102.029	8	88.479	8	74.929	8	61.379	8	47.830	8	35.382
1/4	169.496	1/4	155.946	1/4	142.396	1/4	128.846	1/4	115.296	1/4	101.747	1/4	88.197	1/4	74.647	1/4	61.097	1/4	47.547	1/4	35.138
1/2	169.213	1/2	155.663	1/2	142.114	1/2	128.564	1/2	115.014	1/2	101.464	1/2	87.914	1/2	74.365	1/2	60.815	1/2	47.265	1/2	34.894
3/4	168.931	3/4	155.381	3/4	141.831	3/4	128.282	3/4	114.732	3/4	101.182	3/4	87.632	3/4	74.082	3/4	60.533	3/4	46.983	3/4	34.650
9	168.649	9	155.099	9	141.549	9	127.999	9	114.449	9	100.900	9	87.350	9	73.800	9	60.250	9	46.700	9	34.406
1/4	168.366	1/4	154.817	1/4	141.267	1/4	127.717	1/4	114.167	1/4	100.617	1/4	87.068	1/4	73.518	1/4	60.000	1/4	46.418	1/4	34.162
1/2	168.084	1/2	154.534	1/2	140.985	1/2	127.435	1/2	113.885	1/2	100.335	1/2	86.785	1/2	73.236	1/2	59.718	1/2	46.136	1/2	33.918
3/4	167.802	3/4	154.252	3/4	140.702	3/4	127.152	3/4	113.603	3/4	100.053	3/4	86.503	3/4	72.953	3/4	59.433	3/4	45.854	3/4	33.674
10	167.520	10	153.970	10	140.420	10	126.870	10	113.320	10	99.771	10	86.221	10	72.671	10	59.151	10	45.571	10	33.430
1/4	167.237	1/4	153.687	1/4	140.138	1/4	126.588	1/4	113.038	1/4	99.489	1/4	85.938	1/4	72.390	1/4	58.869	1/4	45.289	1/4	33.186
1/2	166.955	1/2	153.405	1/2	139.855	1/2	126.306	1/2	112.756	1/2	99.206	1/2	85.656	1/2	72.106	1/2	58.587	1/2	45.007	1/2	32.942
3/4	166.673	3/4	153.123	3/4	139.573	3/4	126.023	3/4	112.473	3/4	98.924	3/4	85.374	3/4	71.824	3/4	58.304	3/4	44.724	3/4	32.698
11	166.390	11	152.841	11	139.291	11	125.741	11	112.191	11	98.641	11	85.092	11	71.541	11	58.022	11	44.442	11	32.454
1/4	166.108	1/4	152.558	1/4	139.009	1/4	125.459	1/4	111.909	1/4	98.359	1/4	84.811	1/4	71.259	1/4	57.741	1/4	44.160	1/4	32.210
1/2	165.826	1/2	152.276	1/2	138.726	1/2	125.176	1/2	111.627	1/2	98.077	1/2	84.527	1/2	70.977	1/2	57.457	1/2	43.878	1/2	31.966
3/4	165.544	3/4	151.994	3/4	138.444	3/4	124.894	3/4	111.344	3/4	97.795	3/4	84.245	3/4	70.695	3/4	57.175	3/4	43.595	3/4	31.722

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.

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
NOTE: CAPACITY TABLE APPLIES ONLY TO ULLAGE GAUGES OBTAINED WITH "MMWC" GAUGING DEVICE.
LOCATED 1'-7" OFF CENTERLINE AND 20" - 1" FORWARD OF AFT. BULKHEAD.

NOTE: CAPACITY TABLE APPLIES ONLY WHEN BARGE IS ON EVEN KEEL.
NOTE: CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

DATE STRAPPED: 5/11/04 BY: KS:KH
DATE COMPUTED: 5/13/04 BY: KS
DATE ISSUED: 5/13/04/04

CERTIFIED TANK CALIBRATION, INC.

Paul S. Row

CAPACITIES GIVEN IN WHOLE GALLONS		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		20 FT.		21 FT.		22 FT.	
M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N
0	43,313	0	29,763	0	16,213	0	2,731	0	2,468	0	0	0	0	0	0	0	0	0	0	0	0
1/4	43,031	1/4	29,481	1/4	15,931	1/4	2,468	1/4	2,205	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	42,748	1/2	29,199	1/2	15,651	1/2	2,205	1/2	1,987	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	42,466	3/4	28,916	3/4	15,367	3/4	1,987	3/4	1,769	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	42,184	1	28,634	1	15,084	1	1,769	1	1,551	1	1	1	1	1	1	1	1	1	1	1	1
1/4	41,902	1/4	28,352	1/4	14,802	1/4	1,551	1/4	1,333	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	41,619	1/2	28,069	1/2	14,520	1/2	1,333	1/2	1,171	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	41,337	3/4	27,787	3/4	14,237	3/4	1,171	3/4	1,009	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	41,055	2	27,505	2	13,955	2	1,009	2	846	2	2	2	2	2	2	2	2	2	2	2	2
1/4	40,772	1/4	27,223	1/4	13,673	1/4	846	1/4	684	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	40,490	1/2	26,940	1/2	13,391	1/2	684	1/2	578	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	40,208	3/4	26,658	3/4	13,108	3/4	578	3/4	472	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	39,926	3	26,376	3	12,826	3	472	3	366	3	3	3	3	3	3	3	3	3	3	3	3
1/4	39,643	1/4	26,093	1/4	12,544	1/4	366	1/4	261	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	39,361	1/2	25,811	1/2	12,261	1/2	261	1/2	211	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	39,079	3/4	25,529	3/4	11,979	3/4	211	3/4	162	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	38,796	4	25,247	4	11,697	4	162	4	112	4	4	4	4	4	4	4	4	4	4	4	4
1/4	38,514	1/4	24,964	1/4	11,415	1/4	112	1/4	63	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	38,232	1/2	24,682	1/2	11,132	1/2	63	1/2	42	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	37,950	3/4	24,400	3/4	10,850	3/4	42	3/4	42	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	37,667	5	24,117	5	10,568	5	42	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	37,385	1/4	23,835	1/4	10,285	1/4	5	1/4	4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	37,103	1/2	23,553	1/2	10,003	1/2	4	1/2	3	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	36,820	3/4	23,271	3/4	9,722	3/4	3	3/4	3	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	36,538	6	22,988	6	9,440	6	3	6	2	6	6	6	6	6	6	6	6	6	6	6	6
1/4	36,256	1/4	22,706	1/4	9,159	1/4	2	1/4	1	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	35,974	1/2	22,424	1/2	8,877	1/2	1	1/2	1	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	35,691	3/4	22,141	3/4	8,596	3/4	1	3/4	1	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	35,409	7	21,859	7	8,315	7	1	7	1	7	7	7	7	7	7	7	7	7	7	7	7
1/4	35,127	1/4	21,577	1/4	8,034	1/4	1	1/4	1	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	34,844	1/2	21,295	1/2	7,753	1/2	1	1/2	1	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	34,562	3/4	21,012	3/4	7,472	3/4	1	3/4	1	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	34,280	8	20,730	8	7,191	8	1	8	1	8	8	8	8	8	8	8	8	8	8	8	8
1/4	33,998	1/4	20,448	1/4	6,910	1/4	1	1/4	1	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	33,715	1/2	20,165	1/2	6,629	1/2	1	1/2	1	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	33,433	3/4	19,883	3/4	6,349	3/4	1	3/4	1	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	33,151	9	19,601	9	6,068	9	1	9	1	9	9	9	9	9	9	9	9	9	9	9	9
1/4	32,868	1/4	19,319	1/4	5,787	1/4	1	1/4	1	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	32,586	1/2	19,036	1/2	5,506	1/2	1	1/2	1	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	32,304	3/4	18,754	3/4	5,225	3/4	1	3/4	1	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	32,022	10	18,472	10	4,944	10	1	10	1	10	10	10	10	10	10	10	10	10	10	10	10
1/4	31,739	1/4	18,189	1/4	4,663	1/4	1	1/4	1	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	31,457	1/2	17,907	1/2	4,382	1/2	1	1/2	1	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	31,175	3/4	17,625	3/4	4,101	3/4	1	3/4	1	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	30,892	11	17,343	11	3,820	11	1	11	1	11	11	11	11	11	11	11	11	11	11	11	11
1/4	30,610	1/4	17,060	1/4	3,539	1/4	1	1/4	1	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	30,328	1/2	16,778	1/2	3,258	1/2	1	1/2	1	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	30,046	3/4	16,496	3/4	2,975	3/4	1	3/4	1	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

DATE STRAPPED: 5/11/94 BY: KS:KH
DATE COMPUTED: 5/13/94 BY: KS
DATE ISSUED: 5/13/94

CERTIFIED TANK CALIBRATION, INC.

Bill A. Row

CAPACITIES GIVEN IN WHOLE GALLONS		GAUGE HEIGHT 15" - 11 3/8"																	
M	3 FT.	M	4 FT.	M	5 FT.	M	6 FT.	M	7 FT.	M	8 FT.	M	9 FT.	M	10 FT.	M	11 FT.	M	12 FT.
0	82,029	0	82,029	0	75,164	0	68,298	0	61,432	0	54,566	0	47,700	0	40,834	0	33,968	0	27,103
1/4	81,886	1/4	81,886	1/4	75,020	1/4	68,155	1/4	61,289	1/4	54,423	1/4	47,557	1/4	40,691	1/4	33,826	1/4	26,960
1/2	81,743	1/2	81,743	1/2	74,877	1/2	68,012	1/2	61,146	1/2	54,280	1/2	47,414	1/2	40,548	1/2	33,683	1/2	26,817
3/4	81,600	3/4	81,600	3/4	74,734	3/4	67,869	3/4	61,003	3/4	54,137	3/4	47,271	3/4	40,405	3/4	33,540	3/4	26,674
1	81,457	1	81,457	1	74,591	1	67,726	1	60,860	1	53,994	1	47,128	1	40,262	1	33,397	1	26,531
1/4	81,314	1/4	81,314	1/4	74,448	1/4	67,583	1/4	60,717	1/4	53,851	1/4	46,985	1/4	40,119	1/4	33,254	1/4	26,388
1/2	81,171	1/2	81,171	1/2	74,305	1/2	67,439	1/2	60,574	1/2	53,708	1/2	46,842	1/2	39,976	1/2	33,110	1/2	26,245
3/4	81,028	3/4	81,028	3/4	74,162	3/4	67,296	3/4	60,431	3/4	53,565	3/4	46,699	3/4	39,833	3/4	32,967	3/4	26,102
2	80,885	2	80,885	2	74,019	2	67,153	2	60,288	2	53,422	2	46,556	2	39,690	2	32,824	2	25,959
1/4	80,742	1/4	80,742	1/4	73,876	1/4	67,010	1/4	60,145	1/4	53,279	1/4	46,413	1/4	39,547	1/4	32,681	1/4	25,816
1/2	80,599	1/2	80,599	1/2	73,733	1/2	66,867	1/2	60,002	1/2	53,136	1/2	46,270	1/2	39,404	1/2	32,538	1/2	25,673
3/4	80,456	3/4	80,456	3/4	73,590	3/4	66,724	3/4	59,858	3/4	52,993	3/4	46,127	3/4	39,261	3/4	32,395	3/4	25,529
3	80,313	3	80,313	3	73,447	3	66,581	3	59,715	3	52,850	3	45,984	3	39,118	3	32,252	3	25,386
1/4	80,170	1/4	80,170	1/4	73,304	1/4	66,438	1/4	59,572	1/4	52,707	1/4	45,841	1/4	38,975	1/4	32,109	1/4	25,243
1/2	80,027	1/2	80,027	1/2	73,161	1/2	66,295	1/2	59,429	1/2	52,564	1/2	45,698	1/2	38,832	1/2	31,966	1/2	25,100
3/4	79,884	3/4	79,884	3/4	73,018	3/4	66,152	3/4	59,286	3/4	52,421	3/4	45,555	3/4	38,689	3/4	31,823	3/4	24,957
4	79,741	4	79,741	4	72,875	4	66,009	4	59,143	4	52,278	4	45,412	4	38,546	4	31,680	4	24,814
1/4	79,598	1/4	79,598	1/4	72,732	1/4	65,866	1/4	59,000	1/4	52,134	1/4	45,269	1/4	38,403	1/4	31,537	1/4	24,671
1/2	79,455	1/2	79,455	1/2	72,589	1/2	65,723	1/2	58,857	1/2	51,991	1/2	45,126	1/2	38,260	1/2	31,394	1/2	24,528
3/4	79,312	3/4	79,312	3/4	72,446	3/4	65,580	3/4	58,714	3/4	51,848	3/4	44,983	3/4	38,117	3/4	31,251	3/4	24,385
5	79,169	5	79,169	5	72,303	5	65,437	5	58,571	5	51,705	5	44,840	5	37,974	5	31,108	5	24,242
1/4	79,026	1/4	79,026	1/4	72,160	1/4	65,294	1/4	58,428	1/4	51,562	1/4	44,697	1/4	37,831	1/4	30,965	1/4	24,099
1/2	78,883	1/2	78,883	1/2	72,017	1/2	65,151	1/2	58,285	1/2	51,415	1/2	44,554	1/2	37,688	1/2	30,822	1/2	23,956
3/4	78,740	3/4	78,740	3/4	71,874	3/4	65,008	3/4	58,142	3/4	51,272	3/4	44,410	3/4	37,545	3/4	30,679	3/4	23,813
6	78,597	6	78,597	6	71,731	6	64,865	6	57,999	6	51,133	6	44,267	6	37,402	6	30,536	6	23,670
1/4	78,454	1/4	78,454	1/4	71,588	1/4	64,722	1/4	57,856	1/4	50,990	1/4	44,124	1/4	37,259	1/4	30,393	1/4	23,527
1/2	78,311	1/2	78,311	1/2	71,445	1/2	64,579	1/2	57,713	1/2	50,847	1/2	43,981	1/2	37,116	1/2	30,250	1/2	23,384
3/4	78,168	3/4	78,168	3/4	71,302	3/4	64,436	3/4	57,570	3/4	50,704	3/4	43,838	3/4	36,974	3/4	30,107	3/4	23,241
7	78,025	7	78,025	7	71,158	7	64,293	7	57,427	7	50,561	7	43,695	7	36,829	7	30,064	7	23,098
1/4	77,882	1/4	77,882	1/4	71,015	1/4	64,150	1/4	57,284	1/4	50,418	1/4	43,552	1/4	36,686	1/4	29,921	1/4	22,955
1/2	77,739	1/2	77,739	1/2	70,872	1/2	64,007	1/2	57,141	1/2	50,275	1/2	43,409	1/2	36,543	1/2	29,778	1/2	22,812
3/4	77,596	3/4	77,596	3/4	70,729	3/4	63,864	3/4	56,998	3/4	50,132	3/4	43,266	3/4	36,400	3/4	29,635	3/4	22,669
8	77,452	8	77,452	8	70,586	8	63,721	8	56,855	8	49,989	8	43,123	8	36,257	8	29,491	8	22,526
1/4	77,309	1/4	77,309	1/4	70,443	1/4	63,577	1/4	56,712	1/4	49,846	1/4	42,980	1/4	36,114	1/4	29,348	1/4	22,383
1/2	77,166	1/2	77,166	1/2	70,300	1/2	63,434	1/2	56,569	1/2	49,703	1/2	42,837	1/2	35,971	1/2	29,205	1/2	22,240
3/4	77,023	3/4	77,023	3/4	70,157	3/4	63,291	3/4	56,426	3/4	49,560	3/4	42,694	3/4	35,828	3/4	29,062	3/4	22,097
9	76,880	9	76,880	9	70,014	9	63,148	9	56,283	9	49,417	9	42,551	9	35,685	9	28,919	9	21,954
1/4	76,737	1/4	76,737	1/4	69,871	1/4	63,005	1/4	56,140	1/4	49,274	1/4	42,408	1/4	35,542	1/4	28,776	1/4	21,811
1/2	76,594	1/2	76,594	1/2	69,728	1/2	62,862	1/2	55,996	1/2	49,131	1/2	42,265	1/2	35,399	1/2	28,633	1/2	21,667
3/4	76,451	3/4	76,451	3/4	69,585	3/4	62,719	3/4	55,853	3/4	48,988	3/4	42,122	3/4	35,256	3/4	28,490	3/4	21,524
10	76,308	10	76,308	10	69,442	10	62,576	10	55,710	10	48,845	10	41,979	10	35,113	10	28,347	10	21,381
1/4	76,165	1/4	76,165	1/4	69,299	1/4	62,433	1/4	55,567	1/4	48,702	1/4	41,836	1/4	34,970	1/4	28,204	1/4	21,238
1/2	76,022	1/2	76,022	1/2	69,156	1/2	62,290	1/2	55,424	1/2	48,559	1/2	41,693	1/2	34,827	1/2	28,061	1/2	21,095
3/4	75,879	3/4	75,879	3/4	69,013	3/4	62,147	3/4	55,281	3/4	48,415	3/4	41,550	3/4	34,684	3/4	27,918	3/4	20,952
11	75,736	11	75,736	11	68,870	11	62,004	11	55,138	11	48,272	11	41,407	11	34,541	11	27,775	11	20,809
1/4	75,593	1/4	75,593	1/4	68,727	1/4	61,861	1/4	54,995	1/4	48,129	1/4	41,264	1/4	34,398	1/4	27,632	1/4	20,666
1/2	75,450	1/2	75,450	1/2	68,584	1/2	61,718	1/2	54,852	1/2	47,986	1/2	41,121	1/2	34,255	1/2	27,489	1/2	20,523
3/4	75,307	3/4	75,307	3/4	68,441	3/4	61,575	3/4	54,709	3/4	47,843	3/4	40,978	3/4	34,112	3/4	27,346	3/4	20,380

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 NOTE: CAPACITY TABLE APPLIES ONLY TO ULLAGE GAUGES OBTAINED WITH "MIMIC" GAUGING DEVICE.
 LOCATED 13'-3" OFF CENTERLINE AND 21'-10" FORWARD OF AFT BULKHEAD.
 NOTE: CAPACITY TABLE APPLIES ONLY WHEN BARGE IS ON EVEN KEEL.
 NOTE: CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

DATE STRAPPED: 5/1/84 BY: KSKH
 DATE COMPUTED: 5/13/84 BY: KS
 DATE ISSUED: 5/13/84/84

CERTIFIED TANK CALIBRATION, INC.

Bill A. Brown

M	CAPACITIES GIVEN IN WHOLE GALLONS										GAUGE HEIGHT 15-11 3/8"	
	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.	20 FT.	21 FT.	22 FT.	M	M
0	20,227	0	13,371	0	6,505	0						
1/4	20,094	1/4	13,228	1/4	6,362	1/4						
1/2	19,961	1/2	13,085	1/2	6,219	1/2						
3/4	19,808	3/4	12,942	3/4	6,076	3/4						
1	19,665	1	12,799	1	5,933	1						
1/4	19,522	1/4	12,656	1/4	5,790	1/4						
1/2	19,379	1/2	12,513	1/2	5,647	1/2						
3/4	19,236	3/4	12,370	3/4	5,504	3/4						
1	19,093	2	12,227	2	5,361	2						
1/4	18,950	1/4	12,084	1/4	5,218	1/4						
1/2	18,807	1/2	11,941	1/2	5,075	1/2						
3/4	18,664	3/4	11,798	3/4	4,933	3/4						
1	18,521	3	11,655	3	4,790	3						
1/4	18,378	1/4	11,512	1/4	4,647	1/4						
1/2	18,235	1/2	11,369	1/2	4,505	1/2						
3/4	18,092	3/4	11,226	3/4	4,362	3/4						
1	17,948	4	11,083	4	4,220	4						
1/4	17,805	1/4	10,940	1/4	4,078	1/4						
1/2	17,662	1/2	10,797	1/2	3,935	1/2						
3/4	17,519	3/4	10,654	3/4	3,793	3/4						
1	17,376	5	10,511	5	3,650	5						
1/4	17,233	1/4	10,367	1/4	3,508	1/4						
1/2	17,090	1/2	10,224	1/2	3,366	1/2						
3/4	16,947	3/4	10,081	3/4	3,223	3/4						
1	16,804	6	9,938	6	3,081	6						
1/4	16,661	1/4	9,795	1/4	2,939	1/4						
1/2	16,518	1/2	9,652	1/2	2,796	1/2						
3/4	16,375	3/4	9,509	3/4	2,654	3/4						
1	16,232	7	9,366	7	2,512	7						
1/4	16,089	1/4	9,223	1/4	2,369	1/4						
1/2	15,946	1/2	9,080	1/2	2,227	1/2						
3/4	15,803	3/4	8,937	3/4	2,085	3/4						
1	15,660	8	8,794	8	1,942	8						
1/4	15,517	1/4	8,651	1/4	1,800	1/4						
1/2	15,374	1/2	8,508	1/2	1,658	1/2						
3/4	15,231	3/4	8,365	3/4	1,527	3/4						
1	15,088	9	8,222	9	1,391	9						
1/4	14,945	1/4	8,079	1/4	1,254	1/4						
1/2	14,802	1/2	7,936	1/2	1,137	1/2						
3/4	14,659	3/4	7,793	3/4	1,020	3/4						
1	14,516	10	7,650	10	903	10						
1/4	14,373	1/4	7,507	1/4	786	1/4						
1/2	14,230	1/2	7,364	1/2	697	1/2						
3/4	14,086	3/4	7,221	3/4	607	3/4						
1	13,943	11	7,078	11	518	11						
1/4	13,800	1/4	6,935	1/4	428	1/4						
1/2	13,657	1/2	6,792	1/2	385	1/2						
3/4	13,514	3/4	6,649	3/4	342	3/4						

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DATE STRAPPED: 5/11/84 BY: KS:KH
 DATE COMPUTED: 5/13/84 BY: KS
 DATE ISSUED: 5/13/84/84

CERTIFIED TANK CALIBRATION, INC.

Bill G. Rose

CAPACITIES GIVEN IN WHOLE GALLONS		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.	
M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N
0	91,812	0	85,131	0	78,067	0	71,003	0	63,939	0	56,876	0	49,812	0	42,748	0	35,684	0	28,620	0	21,556
1/4	91,724	1/4	84,984	1/4	77,920	1/4	70,856	1/4	63,792	1/4	56,728	1/4	49,665	1/4	42,601	1/4	35,537	1/4	28,473	1/4	21,409
1/2	91,610	1/2	84,689	1/2	77,626	1/2	70,562	1/2	63,498	1/2	56,434	1/2	49,370	1/2	42,307	1/2	35,243	1/2	28,179	1/2	21,115
3/4	91,496	3/4	84,542	3/4	77,478	3/4	70,415	3/4	63,351	3/4	56,287	3/4	49,223	3/4	42,159	3/4	35,096	3/4	28,032	3/4	20,968
1	91,367	1	84,395	1	77,331	1	70,267	1	63,204	1	56,140	1	49,076	1	42,012	1	34,948	1	27,884	1	20,804
1/4	91,267	1/4	84,248	1/4	77,184	1/4	70,120	1/4	63,056	1/4	55,993	1/4	48,929	1/4	41,865	1/4	34,801	1/4	27,737	1/4	20,650
1/2	91,130	1/2	84,101	1/2	77,037	1/2	69,973	1/2	62,909	1/2	55,845	1/2	48,782	1/2	41,718	1/2	34,654	1/2	27,590	1/2	20,502
3/4	90,986	3/4	83,954	3/4	76,890	3/4	69,826	3/4	62,762	3/4	55,698	3/4	48,635	3/4	41,571	3/4	34,507	3/4	27,443	3/4	20,354
1	90,856	1	83,806	1	76,743	1	69,679	1	62,615	1	55,551	1	48,487	1	41,424	1	34,360	1	27,296	1	20,206
1/4	90,719	1/4	83,659	1/4	76,595	1/4	69,532	1/4	62,468	1/4	55,404	1/4	48,340	1/4	41,276	1/4	34,213	1/4	27,149	1/4	20,058
1/2	90,573	1/2	83,512	1/2	76,448	1/2	69,394	1/2	62,321	1/2	55,257	1/2	48,193	1/2	41,129	1/2	34,065	1/2	27,002	1/2	19,910
3/4	90,427	3/4	83,365	3/4	76,301	3/4	69,237	3/4	62,173	3/4	55,110	3/4	48,046	3/4	40,982	3/4	33,918	3/4	26,854	3/4	19,762
1	90,281	1	83,218	1	76,154	1	69,090	1	62,029	1	54,962	1	47,899	1	40,835	1	33,771	1	26,707	1	19,614
1/4	90,134	1/4	83,071	1/4	76,007	1/4	68,943	1/4	61,879	1/4	54,815	1/4	47,752	1/4	40,689	1/4	33,624	1/4	26,560	1/4	19,466
1/2	90,034	1/2	82,923	1/2	75,860	1/2	68,796	1/2	61,732	1/2	54,668	1/2	47,604	1/2	40,541	1/2	33,477	1/2	26,413	1/2	19,318
3/4	89,840	3/4	82,776	3/4	75,712	3/4	68,649	3/4	61,595	3/4	54,521	3/4	47,457	3/4	40,393	3/4	33,330	3/4	26,266	3/4	19,170
1	89,693	1	82,629	1	75,565	1	68,501	1	61,438	1	54,374	1	47,310	1	40,246	1	33,182	1	26,119	1	19,022
1/4	89,546	1/4	82,482	1/4	75,418	1/4	68,354	1/4	61,290	1/4	54,227	1/4	47,163	1/4	40,099	1/4	33,035	1/4	25,971	1/4	18,874
1/2	89,399	1/2	82,335	1/2	75,271	1/2	68,207	1/2	61,143	1/2	54,080	1/2	47,016	1/2	39,952	1/2	32,888	1/2	25,824	1/2	18,726
3/4	89,251	3/4	82,188	3/4	75,124	3/4	68,060	3/4	60,996	3/4	53,932	3/4	46,869	3/4	39,805	3/4	32,741	3/4	25,677	3/4	18,578
1	89,104	1	82,040	1	74,977	1	67,913	1	60,849	1	53,785	1	46,721	1	39,658	1	32,594	1	25,530	1	18,430
1/4	88,957	1/4	81,893	1/4	74,829	1/4	67,766	1/4	60,702	1/4	53,638	1/4	46,574	1/4	39,510	1/4	32,447	1/4	25,383	1/4	18,282
1/2	88,810	1/2	81,746	1/2	74,682	1/2	67,618	1/2	60,555	1/2	53,491	1/2	46,427	1/2	39,363	1/2	32,299	1/2	25,236	1/2	18,134
3/4	88,663	3/4	81,599	3/4	74,535	3/4	67,471	3/4	60,408	3/4	53,344	3/4	46,280	3/4	39,216	3/4	32,152	3/4	25,089	3/4	17,986
1	88,516	1	81,452	1	74,388	1	67,324	1	60,260	1	53,197	1	46,133	1	39,069	1	32,009	1	24,941	1	17,838
1/4	88,368	1/4	81,305	1/4	74,241	1/4	67,177	1/4	60,113	1/4	53,049	1/4	45,986	1/4	38,922	1/4	31,858	1/4	24,794	1/4	17,690
1/2	88,221	1/2	81,157	1/2	74,094	1/2	67,030	1/2	59,966	1/2	52,902	1/2	45,838	1/2	38,775	1/2	31,711	1/2	24,647	1/2	17,542
3/4	88,074	3/4	81,010	3/4	73,946	3/4	66,883	3/4	59,819	3/4	52,755	3/4	45,691	3/4	38,627	3/4	31,564	3/4	24,500	3/4	17,394
1	87,927	1	80,863	1	73,799	1	66,736	1	59,672	1	52,608	1	45,544	1	38,480	1	31,416	1	24,353	1	17,246
1/4	87,780	1/4	80,716	1/4	73,652	1/4	66,588	1/4	59,525	1/4	52,461	1/4	45,397	1/4	38,333	1/4	31,269	1/4	24,206	1/4	17,098
1/2	87,633	1/2	80,569	1/2	73,505	1/2	66,441	1/2	59,377	1/2	52,314	1/2	45,250	1/2	38,186	1/2	31,122	1/2	24,059	1/2	16,950
3/4	87,485	3/4	80,422	3/4	73,358	3/4	66,294	3/4	59,230	3/4	52,166	3/4	45,103	3/4	38,039	3/4	30,975	3/4	23,911	3/4	16,802
1	87,338	1	80,274	1	73,211	1	66,147	1	59,083	1	52,019	1	44,955	1	37,892	1	30,828	1	23,764	1	16,654
1/4	87,191	1/4	80,127	1/4	73,063	1/4	66,000	1/4	58,936	1/4	51,872	1/4	44,808	1/4	37,744	1/4	30,681	1/4	23,617	1/4	16,506
1/2	87,044	1/2	79,980	1/2	72,916	1/2	65,853	1/2	58,789	1/2	51,725	1/2	44,661	1/2	37,597	1/2	30,534	1/2	23,470	1/2	16,358
3/4	86,897	3/4	79,833	3/4	72,769	3/4	65,705	3/4	58,642	3/4	51,578	3/4	44,514	3/4	37,450	3/4	30,386	3/4	23,323	3/4	16,210
1	86,750	1	79,686	1	72,622	1	65,558	1	58,494	1	51,431	1	44,367	1	37,303	1	30,239	1	23,175	1	16,062
1/4	86,602	1/4	79,539	1/4	72,475	1/4	65,411	1/4	58,347	1/4	51,283	1/4	44,220	1/4	37,156	1/4	30,092	1/4	23,028	1/4	15,914
1/2	86,455	1/2	79,391	1/2	72,328	1/2	65,264	1/2	58,200	1/2	51,136	1/2	44,072	1/2	37,009	1/2	29,945	1/2	22,881	1/2	15,766
3/4	86,308	3/4	79,244	3/4	72,181	3/4	65,117	3/4	58,053	3/4	50,989	3/4	43,925	3/4	36,861	3/4	29,798	3/4	22,734	3/4	15,618
1	86,161	1	79,097	1	72,033	1	64,970	1	57,906	1	50,842	1	43,778	1	36,714	1	29,651	1	22,587	1	15,470
1/4	86,014	1/4	78,950	1/4	71,886	1/4	64,822	1/4	57,759	1/4	50,695	1/4	43,631	1/4	36,567	1/4	29,503	1/4	22,440	1/4	15,322
1/2	85,867	1/2	78,803	1/2	71,739	1/2	64,675	1/2	57,611	1/2	50,548	1/2	43,484	1/2	36,420	1/2	29,356	1/2	22,292	1/2	15,174
3/4	85,719	3/4	78,656	3/4	71,592	3/4	64,528	3/4	57,464	3/4	50,400	3/4	43,337	3/4	36,273	3/4	29,209	3/4	22,145	3/4	15,026
1	85,572	1	78,509	1	71,445	1	64,381	1	57,317	1	50,253	1	43,189	1	36,126	1	29,062	1	22,000	1	14,878
1/4	85,425	1/4	78,361	1/4	71,298	1/4	64,234	1/4	57,170	1/4	50,106	1/4	43,042	1/4	35,979	1/4	28,915	1/4	21,851	1/4	14,730
1/2	85,278	1/2	78,214	1/2	71,150	1/2	64,087	1/2	57,023	1/2	49,959	1/2	42,895	1/2	35,831	1/2	28,768	1/2	21,704	1/2	14,582
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

NOTE: BARGE STRAPPED AND COMPLETED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
NOTE: CAPACITY TABLE APPLIES ONLY TO ULLAGE GAUGES OBTAINED WITH "MARC" GAUGING DEVICE.
NOTE: CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

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.

NOTE: CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.
NOTE: CAPACITY TABLE APPLIES ONLY WHEN BARGE IS ON EVEN KEEL.
NOTE: CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

DATE STRAPPED: 5/11/04 BY: KS-KH
DATE COMPUTED: 5/13/04 BY: KS
DATE ISSUED: 5/13/04/04

CERTIFIED TANK CALIBRATION, INC.

Paul A. Brown

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-0 5/8"

IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.	IN	20 FT.	IN	21 FT.	IN	22 FT.
0	21,557	0	14,493	0	7,429	0	624	0	0	0	0	0	0	0	0	0	0	0	0
1/4	21,409	1/4	14,346	1/4	7,282	1/4	532	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	21,262	1/2	14,198	1/2	7,135	1/2	440	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	21,115	3/4	14,051	3/4	6,987	5/8	396	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	20,968	1	13,904	1	6,840	1	304	1	1	1	1	1	1	1	1	1	1	1	1
1/4	20,821	1/4	13,757	1/4	6,693	1/4	212	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	20,674	1/2	13,610	1/2	6,546	1/2	120	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	20,526	3/4	13,463	3/4	6,399	3/4	30	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	20,379	2	13,315	2	6,252	2	20	2	2	2	2	2	2	2	2	2	2	2	2
1/4	20,232	1/4	13,168	1/4	6,105	1/4	10	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	20,085	1/2	13,021	1/2	5,957	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	19,938	3/4	12,874	3/4	5,810	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1/4	19,791	1/4	12,727	1/4	5,663	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1/2	19,643	1/2	12,580	1/2	5,516	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
3/4	19,496	3/4	12,433	3/4	5,369	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
4	19,349	4	12,285	4	5,222	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1/4	19,202	1/4	12,138	1/4	5,075	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	19,055	1/2	11,991	1/2	4,928	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	18,908	3/4	11,844	3/4	4,781	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
5	18,760	5	11,697	5	4,635	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1/4	18,613	1/4	11,550	1/4	4,488	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	18,466	1/2	11,402	1/2	4,342	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	18,319	3/4	11,255	3/4	4,195	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
6	18,172	6	11,108	6	4,049	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1/4	18,025	1/4	10,961	1/4	3,902	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	17,878	1/2	10,814	1/2	3,756	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	17,730	3/4	10,667	3/4	3,609	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
7	17,583	7	10,519	7	3,463	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1/4	17,436	1/4	10,372	1/4	3,316	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	17,289	1/2	10,225	1/2	3,170	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	17,142	3/4	10,078	3/4	3,023	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
8	16,995	8	9,931	8	2,877	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1/4	16,847	1/4	9,784	1/4	2,730	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	16,700	1/2	9,636	1/2	2,584	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	16,553	3/4	9,489	3/4	2,437	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
9	16,406	9	9,342	9	2,291	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1/4	16,259	1/4	9,195	1/4	2,144	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	16,112	1/2	9,048	1/2	1,998	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	15,964	3/4	8,901	3/4	1,851	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
10	15,817	10	8,753	10	1,711	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1/4	15,670	1/4	8,606	1/4	1,571	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	15,523	1/2	8,459	1/2	1,430	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	15,376	3/4	8,312	3/4	1,290	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
11	15,229	11	8,165	11	1,170	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1/4	15,081	1/4	8,018	1/4	1,049	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	14,934	1/2	7,870	1/2	929	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	14,787	3/4	7,723	3/4	808	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
12	14,640	12	7,576	12	716	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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DATE STRAPPED: 5/11/04 BY: KS-KH
DATE COMPUTED: 5/13/04 BY: KS
DATE ISSUED: 5/13/04

CERTIFIED TANK CALIBRATION, INC.

Paul A. Rose

CAPACITIES GIVEN IN WHOLE GALLONS												GAUGE HEIGHT 16.034"											
M	3 FT.	M	4 FT.	M	5 FT.	M	6 FT.	M	7 FT.	M	8 FT.	M	9 FT.	M	10 FT.	M	11 FT.	M	12 FT.				
0	91,887	0	85,233	0	78,167	0	71,101	0	64,035	0	56,969	0	49,902	0	42,836	0	35,770	0	28,704				
1/4	91,887	1/4	85,086	1/4	78,020	1/4	70,954	1/4	63,887	1/4	56,821	1/4	49,755	1/4	42,689	1/4	35,623	1/4	28,556				
1/2	91,799	1/2	84,939	1/2	77,873	1/2	70,806	1/2	63,740	1/2	56,674	1/2	49,608	1/2	42,542	1/2	35,475	1/2	28,409				
3/4	91,711	3/4	84,792	3/4	77,725	3/4	70,659	3/4	63,593	3/4	56,527	3/4	49,461	3/4	42,394	3/4	35,328	3/4	28,262				
1	91,593	1	84,644	1	77,578	1	70,512	1	63,446	1	56,380	1	49,313	1	42,247	1	35,181	1	28,115				
1/4	91,475	1/4	84,497	1/4	77,431	1/4	70,365	1/4	63,299	1/4	56,232	1/4	49,166	1/4	42,100	1/4	35,034	1/4	27,968				
1/2	91,357	1/2	84,350	1/2	77,284	1/2	70,218	1/2	63,151	1/2	56,085	1/2	49,019	1/2	41,953	1/2	34,887	1/2	27,820				
3/4	91,240	3/4	84,203	3/4	77,137	3/4	70,070	3/4	63,004	3/4	55,938	3/4	48,872	3/4	41,806	3/4	34,739	3/4	27,673				
2	91,100	2	84,056	2	76,989	2	69,923	2	62,857	2	55,791	2	48,725	2	41,658	2	34,592	2	27,526				
1/4	90,980	1/4	83,908	1/4	76,842	1/4	69,776	1/4	62,710	1/4	55,644	1/4	48,577	1/4	41,511	1/4	34,445	1/4	27,379				
1/2	90,860	1/2	83,761	1/2	76,695	1/2	69,629	1/2	62,563	1/2	55,496	1/2	48,430	1/2	41,364	1/2	34,298	1/2	27,232				
3/4	90,690	3/4	83,614	3/4	76,548	3/4	69,482	3/4	62,415	3/4	55,349	3/4	48,283	3/4	41,217	3/4	34,151	3/4	27,084				
3	90,533	3	83,467	3	76,401	3	69,334	3	62,268	3	55,202	3	48,136	3	41,070	3	34,003	3	26,937				
1/4	90,396	1/4	83,320	1/4	76,253	1/4	69,187	1/4	62,121	1/4	55,055	1/4	47,989	1/4	40,922	1/4	33,856	1/4	26,790				
1/2	90,239	1/2	83,172	1/2	76,106	1/2	69,040	1/2	61,974	1/2	54,908	1/2	47,841	1/2	40,775	1/2	33,709	1/2	26,643				
3/4	90,091	3/4	83,025	3/4	75,959	3/4	68,893	3/4	61,827	3/4	54,760	3/4	47,694	3/4	40,628	3/4	33,562	3/4	26,496				
4	89,944	4	82,878	4	75,812	4	68,746	4	61,679	4	54,613	4	47,547	4	40,481	4	33,415	4	26,348				
1/4	89,797	1/4	82,731	1/4	75,664	1/4	68,598	1/4	61,532	1/4	54,466	1/4	47,400	1/4	40,333	1/4	33,267	1/4	26,201				
1/2	89,650	1/2	82,583	1/2	75,517	1/2	68,451	1/2	61,385	1/2	54,319	1/2	47,252	1/2	40,186	1/2	33,120	1/2	26,054				
3/4	89,502	3/4	82,436	3/4	75,370	3/4	68,304	3/4	61,238	3/4	54,171	3/4	47,105	3/4	40,039	3/4	32,973	3/4	25,907				
5	89,355	5	82,289	5	75,223	5	68,157	5	61,090	5	54,024	5	46,958	5	39,892	5	32,826	5	25,759				
1/4	89,208	1/4	82,142	1/4	75,076	1/4	68,009	1/4	60,943	1/4	53,877	1/4	46,811	1/4	39,745	1/4	32,678	1/4	25,612				
1/2	89,061	1/2	81,995	1/2	74,929	1/2	67,862	1/2	60,796	1/2	53,730	1/2	46,664	1/2	39,597	1/2	32,531	1/2	25,465				
3/4	88,914	3/4	81,847	3/4	74,781	3/4	67,715	3/4	60,649	3/4	53,583	3/4	46,516	3/4	39,450	3/4	32,384	3/4	25,318				
6	88,768	6	81,700	6	74,634	6	67,568	6	60,502	6	53,435	6	46,369	6	39,303	6	32,237	6	25,171				
1/4	88,619	1/4	81,553	1/4	74,487	1/4	67,421	1/4	60,354	1/4	53,288	1/4	46,222	1/4	39,156	1/4	32,090	1/4	25,023				
1/2	88,472	1/2	81,406	1/2	74,340	1/2	67,273	1/2	60,207	1/2	53,141	1/2	46,075	1/2	39,009	1/2	31,942	1/2	24,876				
3/4	88,325	3/4	81,259	3/4	74,192	3/4	67,126	3/4	60,060	3/4	52,994	3/4	45,928	3/4	38,861	3/4	31,795	3/4	24,729				
7	88,178	7	81,111	7	74,045	7	66,979	7	59,913	7	52,847	7	45,780	7	38,714	7	31,648	7	24,582				
1/4	88,030	1/4	80,964	1/4	73,898	1/4	66,832	1/4	59,766	1/4	52,699	1/4	45,633	1/4	38,567	1/4	31,501	1/4	24,435				
1/2	87,883	1/2	80,817	1/2	73,751	1/2	66,685	1/2	59,618	1/2	52,552	1/2	45,486	1/2	38,420	1/2	31,354	1/2	24,288				
3/4	87,736	3/4	80,670	3/4	73,604	3/4	66,537	3/4	59,471	3/4	52,405	3/4	45,339	3/4	38,273	3/4	31,206	3/4	24,140				
8	87,589	8	80,523	8	73,456	8	66,390	8	59,324	8	52,258	8	45,192	8	38,125	8	31,059	8	23,993				
1/4	87,441	1/4	80,375	1/4	73,309	1/4	66,243	1/4	59,177	1/4	52,110	1/4	45,044	1/4	37,978	1/4	30,912	1/4	23,846				
1/2	87,294	1/2	80,228	1/2	73,162	1/2	66,096	1/2	59,029	1/2	51,963	1/2	44,897	1/2	37,831	1/2	30,765	1/2	23,698				
3/4	87,147	3/4	80,081	3/4	73,015	3/4	65,948	3/4	58,882	3/4	51,816	3/4	44,750	3/4	37,684	3/4	30,617	3/4	23,551				
9	87,000	9	79,934	9	72,867	9	65,801	9	58,735	9	51,669	9	44,603	9	37,536	9	30,470	9	23,404				
1/4	86,853	1/4	79,786	1/4	72,720	1/4	65,654	1/4	58,588	1/4	51,522	1/4	44,455	1/4	37,389	1/4	30,323	1/4	23,257				
1/2	86,705	1/2	79,639	1/2	72,573	1/2	65,507	1/2	58,441	1/2	51,374	1/2	44,308	1/2	37,242	1/2	30,176	1/2	23,110				
3/4	86,558	3/4	79,492	3/4	72,426	3/4	65,360	3/4	58,293	3/4	51,227	3/4	44,161	3/4	37,095	3/4	30,029	3/4	22,962				
10	86,411	10	79,345	10	72,279	10	65,212	10	58,146	10	51,080	10	44,014	10	36,948	10	29,881	10	22,815				
1/4	86,264	1/4	79,198	1/4	72,131	1/4	65,065	1/4	57,999	1/4	50,933	1/4	43,867	1/4	36,800	1/4	29,734	1/4	22,668				
1/2	86,117	1/2	79,050	1/2	71,984	1/2	64,918	1/2	57,852	1/2	50,786	1/2	43,719	1/2	36,653	1/2	29,587	1/2	22,521				
3/4	85,969	3/4	78,903	3/4	71,837	3/4	64,771	3/4	57,705	3/4	50,639	3/4	43,572	3/4	36,506	3/4	29,440	3/4	22,374				
11	85,822	11	78,756	11	71,690	11	64,624	11	57,557	11	50,491	11	43,425	11	36,358	11	29,293	11	22,226				
1/4	85,675	1/4	78,609	1/4	71,543	1/4	64,476	1/4	57,410	1/4	50,344	1/4	43,278	1/4	36,211	1/4	29,145	1/4	22,079				
1/2	85,528	1/2	78,462	1/2	71,395	1/2	64,329	1/2	57,263	1/2	50,197	1/2	43,131	1/2	36,064	1/2	28,998	1/2	21,932				
3/4	85,391	3/4	78,314	3/4	71,248	3/4	64,182	3/4	57,116	3/4	50,050	3/4	42,983	3/4	35,917	3/4	28,851	3/4	21,785				

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 NOTE: CAPACITY TABLE APPLIES ONLY TO ULLAGE GAUGES OBTAINED WITH "MAGC" GAUGING DEVICE.
 LOCATED 10'-9" OFF CENTERLINE AND 21'-9" FORWARD OF AFT. BULKHEAD.
 NOTE: CAPACITY TABLE APPLIES ONLY WHEN BARGE IS ON EVEN KEEL.
 NOTE: CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

DATE STAPPED: 5/11/04 BY: KS-KH
 DATE COMPUTED: 5/13/04 BY: KS
 DATE ISSUED: 6/13/04/04

CERTIFIED TANK CALIBRATION, INC.
Dale A. Rose

CAPACITIES GIVEN IN WHOLE GALLONS		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		20 FT.		21 FT.		22 FT.	
M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N
0	21,638	0	14,571	0	7,505	0	661	0	579	0	485	0	396	0	311	0	227	0	143
1/4	21,490	1/4	14,424	1/4	7,358	1/4	532	1/4	450	1/4	366	1/4	282	1/4	198	1/4	114	1/4	30
1/2	21,343	1/2	14,277	1/2	7,211	1/2	485	1/2	396	1/2	311	1/2	227	1/2	143	1/2	64	1/2	0
3/4	21,196	3/4	14,130	3/4	7,063	3/4	349	3/4	263	3/4	175	3/4	87	3/4	3	3/4	0	3/4	0
1	21,049	1	13,982	1	6,916	1	302	1	216	1	128	1	40	1	0	1	0	1	0
1/4	20,901	1/4	13,835	1/4	6,769	1/4	265	1/4	180	1/4	93	1/4	7	1/4	0	1/4	0	1/4	0
1/2	20,754	1/2	13,688	1/2	6,622	1/2	218	1/2	133	1/2	56	1/2	0	1/2	0	1/2	0	1/2	0
3/4	20,607	3/4	13,541	3/4	6,475	3/4	171	3/4	86	3/4	19	3/4	0	3/4	0	3/4	0	3/4	0
2	20,460	2	13,394	2	6,327	2	124	2	40	2	0	2	0	2	0	2	0	2	0
1/4	20,313	1/4	13,246	1/4	6,180	1/4	87	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	20,165	1/2	13,099	1/2	6,033	1/2	140	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	20,018	3/4	12,952	3/4	5,886	3/4	193	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
3	19,871	3	12,805	3	5,739	3	246	3	0	3	0	3	0	3	0	3	0	3	0
1/4	19,724	1/4	12,658	1/4	5,591	1/4	300	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	19,577	1/2	12,510	1/2	5,444	1/2	353	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	19,429	3/4	12,363	3/4	5,297	3/4	406	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
4	19,282	4	12,216	4	5,150	4	459	4	0	4	0	4	0	4	0	4	0	4	0
1/4	19,135	1/4	12,069	1/4	5,003	1/4	512	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	18,988	1/2	11,921	1/2	4,856	1/2	565	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	18,840	3/4	11,774	3/4	4,709	3/4	618	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
5	18,693	5	11,627	5	4,563	5	671	5	0	5	0	5	0	5	0	5	0	5	0
1/4	18,546	1/4	11,480	1/4	4,416	1/4	724	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	18,399	1/2	11,333	1/2	4,270	1/2	777	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	18,252	3/4	11,185	3/4	4,123	3/4	830	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
6	18,104	6	11,038	6	3,977	6	883	6	0	6	0	6	0	6	0	6	0	6	0
1/4	17,957	1/4	10,891	1/4	3,830	1/4	936	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	17,810	1/2	10,744	1/2	3,684	1/2	989	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	17,663	3/4	10,597	3/4	3,537	3/4	1,042	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
7	17,516	7	10,449	7	3,391	7	1,095	7	0	7	0	7	0	7	0	7	0	7	0
1/4	17,368	1/4	10,302	1/4	3,244	1/4	1,148	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	17,221	1/2	10,155	1/2	3,098	1/2	1,201	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	17,074	3/4	10,008	3/4	2,951	3/4	1,254	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
8	16,927	8	9,861	8	2,804	8	1,307	8	0	8	0	8	0	8	0	8	0	8	0
1/4	16,779	1/4	9,713	1/4	2,658	1/4	1,360	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	16,632	1/2	9,566	1/2	2,511	1/2	1,413	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	16,485	3/4	9,419	3/4	2,365	3/4	1,466	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
9	16,338	9	9,272	9	2,218	9	1,519	9	0	9	0	9	0	9	0	9	0	9	0
1/4	16,191	1/4	9,124	1/4	2,072	1/4	1,572	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	16,043	1/2	8,977	1/2	1,925	1/2	1,625	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	15,896	3/4	8,830	3/4	1,779	3/4	1,678	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
10	15,749	10	8,683	10	1,632	10	1,731	10	0	10	0	10	0	10	0	10	0	10	0
1/4	15,602	1/4	8,536	1/4	1,500	1/4	1,784	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	15,455	1/2	8,389	1/2	1,360	1/2	1,837	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	15,307	3/4	8,241	3/4	1,221	3/4	1,890	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
11	15,160	11	8,094	11	1,103	11	1,943	11	0	11	0	11	0	11	0	11	0	11	0
1/4	15,013	1/4	7,947	1/4	985	1/4	1,996	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	14,866	1/2	7,800	1/2	867	1/2	2,049	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	14,719	3/4	7,652	3/4	750	3/4	2,102	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0

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.

CERTIFIED TANK CALIBRATION, INC.

Paul A. Brown

DATE STRAPPED: 5/11/04 BY: KS-KH
DATE COMPUTED: 5/13/04 BY: KS
DATE ISSUED: 5/13/04/04

CAPACITIES GIVEN IN WHOLE GALLONS																					
M	3 FT.	M	4 FT.	M	5 FT.	M	6 FT.	M	7 FT.	M	8 FT.	M	9 FT.	M	10 FT.	M	11 FT.	M	12 FT.		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/8	88.388	1/4	81.804	1/4	74.963	1/4	68.122	1/4	61.281	1/4	54.440	1/4	47.599	1/4	40.758	1/4	33.917	1/4	27.076	1/4	20.235
1/2	88.331	1/2	81.661	1/2	74.820	1/2	67.979	1/2	61.138	1/2	54.297	1/2	47.456	1/2	40.615	1/2	33.775	1/2	26.934	1/2	20.093
3/4	88.196	3/4	81.376	3/4	74.555	3/4	67.657	3/4	60.816	3/4	54.075	3/4	47.314	3/4	40.473	3/4	33.632	3/4	26.791	3/4	19.952
1	88.060	1	81.234	1	74.333	1	67.552	1	60.711	1	53.870	1	47.129	1	40.288	1	33.447	1	26.650	1	19.811
1/4	87.925	1/4	81.091	1/4	74.250	1/4	67.409	1/4	60.588	1/4	53.727	1/4	46.886	1/4	40.045	1/4	33.204	1/4	26.509	1/4	19.670
1/2	87.790	1/2	80.949	1/2	74.108	1/2	67.267	1/2	60.426	1/2	53.585	1/2	46.744	1/2	39.903	1/2	33.062	1/2	26.221	1/2	19.529
3/4	87.647	3/4	80.806	3/4	73.965	3/4	67.124	3/4	60.283	3/4	53.442	3/4	46.601	3/4	39.760	3/4	32.919	3/4	26.078	3/4	19.388
2	87.505	2	80.664	2	73.823	2	66.982	2	60.141	2	53.300	2	46.459	2	39.618	2	32.777	2	25.936	2	19.247
1/4	87.362	1/4	80.521	1/4	73.680	1/4	66.839	1/4	59.998	1/4	53.157	1/4	46.316	1/4	39.475	1/4	32.634	1/4	25.793	1/4	19.106
1/2	87.220	1/2	80.379	1/2	73.538	1/2	66.697	1/2	59.856	1/2	53.015	1/2	46.174	1/2	39.333	1/2	32.492	1/2	25.651	1/2	18.965
3/4	87.077	3/4	80.236	3/4	73.395	3/4	66.554	3/4	59.713	3/4	52.872	3/4	46.031	3/4	39.190	3/4	32.349	3/4	25.508	3/4	18.824
3	86.935	3	80.094	3	73.253	3	66.412	3	59.571	3	52.730	3	45.889	3	39.048	3	32.207	3	25.366	3	18.683
1/4	86.792	1/4	79.951	1/4	73.110	1/4	66.269	1/4	59.428	1/4	52.587	1/4	45.746	1/4	38.905	1/4	32.064	1/4	25.223	1/4	18.542
1/2	86.649	1/2	79.809	1/2	72.968	1/2	66.127	1/2	59.286	1/2	52.445	1/2	45.604	1/2	38.763	1/2	31.922	1/2	25.081	1/2	18.401
3/4	86.507	3/4	79.666	3/4	72.825	3/4	65.984	3/4	59.143	3/4	52.302	3/4	45.461	3/4	38.620	3/4	31.779	3/4	24.938	3/4	18.260
4	86.364	4	79.523	4	72.683	4	65.842	4	59.001	4	52.160	4	45.319	4	38.478	4	31.637	4	24.796	4	18.119
1/4	86.222	1/4	79.381	1/4	72.540	1/4	65.699	1/4	58.858	1/4	52.017	1/4	45.176	1/4	38.335	1/4	31.494	1/4	24.653	1/4	17.978
1/2	86.079	1/2	79.238	1/2	72.397	1/2	65.557	1/2	58.716	1/2	51.875	1/2	45.034	1/2	38.193	1/2	31.352	1/2	24.511	1/2	17.837
3/4	85.937	3/4	79.096	3/4	72.255	3/4	65.414	3/4	58.573	3/4	51.732	3/4	44.891	3/4	38.050	3/4	31.209	3/4	24.368	3/4	17.696
5	85.794	5	78.953	5	72.112	5	65.271	5	58.431	5	51.590	5	44.749	5	37.908	5	31.067	5	24.226	5	17.555
1/4	85.652	1/4	78.811	1/4	71.970	1/4	65.129	1/4	58.288	1/4	51.447	1/4	44.606	1/4	37.765	1/4	30.924	1/4	24.083	1/4	17.414
1/2	85.509	1/2	78.668	1/2	71.827	1/2	64.986	1/2	58.145	1/2	51.304	1/2	44.464	1/2	37.623	1/2	30.782	1/2	23.941	1/2	17.273
3/4	85.367	3/4	78.526	3/4	71.685	3/4	64.844	3/4	58.003	3/4	51.162	3/4	44.321	3/4	37.480	3/4	30.639	3/4	23.798	3/4	17.132
6	85.224	6	78.383	6	71.542	6	64.701	6	57.860	6	51.019	6	44.178	6	37.338	6	30.497	6	23.656	6	16.991
1/4	85.082	1/4	78.241	1/4	71.400	1/4	64.559	1/4	57.718	1/4	50.877	1/4	44.036	1/4	37.195	1/4	30.354	1/4	23.513	1/4	16.850
1/2	84.939	1/2	78.098	1/2	71.257	1/2	64.416	1/2	57.575	1/2	50.734	1/2	43.893	1/2	37.052	1/2	30.212	1/2	23.371	1/2	16.709
3/4	84.797	3/4	77.956	3/4	71.115	3/4	64.274	3/4	57.433	3/4	50.592	3/4	43.751	3/4	36.910	3/4	30.069	3/4	23.228	3/4	16.568
7	84.654	7	77.813	7	70.972	7	64.131	7	57.290	7	50.449	7	43.608	7	36.767	7	29.926	7	23.086	7	16.427
1/4	84.512	1/4	77.671	1/4	70.830	1/4	63.989	1/4	57.148	1/4	50.307	1/4	43.466	1/4	36.625	1/4	29.784	1/4	22.943	1/4	16.286
1/2	84.369	1/2	77.528	1/2	70.687	1/2	63.846	1/2	57.005	1/2	50.164	1/2	43.323	1/2	36.482	1/2	29.641	1/2	22.800	1/2	16.145
3/4	84.227	3/4	77.386	3/4	70.545	3/4	63.704	3/4	56.863	3/4	50.022	3/4	43.181	3/4	36.340	3/4	29.499	3/4	22.658	3/4	16.004
8	84.084	8	77.243	8	70.402	8	63.561	8	56.720	8	49.879	8	43.038	8	36.197	8	29.356	8	22.515	8	15.863
1/4	83.942	1/4	77.101	1/4	70.260	1/4	63.419	1/4	56.578	1/4	49.737	1/4	42.895	1/4	36.055	1/4	29.214	1/4	22.373	1/4	15.722
1/2	83.799	1/2	76.958	1/2	70.117	1/2	63.276	1/2	56.435	1/2	49.594	1/2	42.753	1/2	35.912	1/2	29.071	1/2	22.230	1/2	15.581
3/4	83.657	3/4	76.816	3/4	69.975	3/4	63.134	3/4	56.293	3/4	49.452	3/4	42.611	3/4	35.770	3/4	28.929	3/4	22.088	3/4	15.440
9	83.514	9	76.673	9	69.832	9	62.991	9	56.150	9	49.309	9	42.468	9	35.627	9	28.786	9	21.945	9	15.299
1/4	83.372	1/4	76.531	1/4	69.690	1/4	62.849	1/4	56.008	1/4	49.167	1/4	42.326	1/4	35.485	1/4	28.644	1/4	21.803	1/4	15.158
1/2	83.229	1/2	76.388	1/2	69.547	1/2	62.706	1/2	55.865	1/2	48.924	1/2	42.183	1/2	35.342	1/2	28.501	1/2	21.660	1/2	15.017
3/4	83.086	3/4	76.246	3/4	69.405	3/4	62.564	3/4	55.723	3/4	48.782	3/4	42.041	3/4	35.200	3/4	28.359	3/4	21.517	3/4	14.876
10	82.944	10	76.103	10	69.262	10	62.421	10	55.580	10	48.639	10	41.898	10	35.057	10	28.216	10	21.375	10	14.735
1/4	82.801	1/4	75.960	1/4	69.120	1/4	62.279	1/4	55.438	1/4	48.497	1/4	41.756	1/4	34.915	1/4	28.074	1/4	21.233	1/4	14.594
1/2	82.659	1/2	75.818	1/2	68.977	1/2	62.137	1/2	55.295	1/2	48.354	1/2	41.613	1/2	34.772	1/2	27.931	1/2	21.090	1/2	14.453
3/4	82.516	3/4	75.675	3/4	68.834	3/4	61.994	3/4	55.153	3/4	48.212	3/4	41.471	3/4	34.630	3/4	27.789	3/4	20.948	3/4	14.312
11	82.374	11	75.533	11	68.692	11	61.851	11	55.010	11	48.069	11	41.328	11	34.487	11	27.646	11	20.805	11	14.171
1/4	82.231	1/4	75.390	1/4	68.549	1/4	61.708	1/4	54.867	1/4	47.927	1/4	41.186	1/4	34.345	1/4	27.504	1/4	20.663	1/4	14.030
1/2	82.089	1/2	75.248	1/2	68.407	1/2	61.566	1/2	54.725	1/2	47.784	1/2	41.043	1/2	34.202	1/2	27.361	1/2	20.520	1/2	13.889
3/4	81.946	3/4	75.105	3/4	68.264	3/4	61.423	3/4	54.582	3/4	47.641	3/4	40.901	3/4	34.060	3/4	27.219	3/4	20.378	3/4	13.748

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.

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
NOTE: CAPACITY TABLE APPLIES ONLY TO ULLAGE GAUGES OBTAINED WITH TANK-CALIBRATING DEVICE.
LOCATED 13'-3" OFF CENTERLINE AND 21'-9" FORWARD OF AFT BULKHEAD.

NOTE: CAPACITY TABLE APPLIES ONLY WHEN BARGE IS ON EVEN KEEL.
NOTE: CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

DATE STRAPPED: 5/11/84 BY: KS/KH
DATE COMPUTED: 5/13/84 BY: KS
DATE ISSUED: 5/13/84/84

CERTIFIED TANK CALIBRATION, INC.

Bill S. Brown

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 15.11 1/2"

#	13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		20 FT.		21 FT.		22 FT.	
	IN	OUT																		
0	20,235	0	13,394	0	6,553	0														
1/4	20,093	1/4	13,252	1/4	6,411	1/4														
1/2	19,950	1/2	13,109	1/2	6,268	1/2														
3/4	19,808	3/4	12,967	3/4	6,126	3/4														
1	19,665	1	12,824	1	5,983	1														
1/4	19,523	1/4	12,682	1/4	5,841	1/4														
1/2	19,380	1/2	12,539	1/2	5,698	1/2														
3/4	19,237	3/4	12,397	3/4	5,556	3/4														
2	19,095	2	12,254	2	5,413	2														
1/4	18,952	1/4	12,111	1/4	5,271	1/4														
1/2	18,810	1/2	11,969	1/2	5,128	1/2														
3/4	18,667	3/4	11,826	3/4	4,986	3/4														
3	18,525	3	11,684	3	4,844	3														
1/4	18,382	1/4	11,541	1/4	4,701	1/4														
1/2	18,240	1/2	11,399	1/2	4,559	1/2														
3/4	18,097	3/4	11,256	3/4	4,417	3/4														
4	17,955	4	11,114	4	4,276	4														
1/4	17,812	1/4	10,971	1/4	4,134	1/4														
1/2	17,670	1/2	10,829	1/2	3,992	1/2														
3/4	17,527	3/4	10,686	3/4	3,850	3/4														
5	17,385	5	10,544	5	3,708	5														
1/4	17,242	1/4	10,401	1/4	3,566	1/4														
1/2	17,100	1/2	10,259	1/2	3,425	1/2														
3/4	16,957	3/4	10,116	3/4	3,283	3/4														
6	16,815	6	9,974	6	3,141	6														
1/4	16,672	1/4	9,831	1/4	2,999	1/4														
1/2	16,530	1/2	9,689	1/2	2,857	1/2														
3/4	16,387	3/4	9,546	3/4	2,715	3/4														
7	16,245	7	9,404	7	2,573	7														
1/4	16,102	1/4	9,261	1/4	2,432	1/4														
1/2	15,960	1/2	9,119	1/2	2,290	1/2														
3/4	15,817	3/4	8,976	3/4	2,148	3/4														
8	15,674	8	8,834	8	2,006	8														
1/4	15,532	1/4	8,691	1/4	1,864	1/4														
1/2	15,389	1/2	8,548	1/2	1,722	1/2														
3/4	15,247	3/4	8,406	3/4	1,587	3/4														
9	15,104	9	8,263	9	1,452	9														
1/4	14,962	1/4	8,121	1/4	1,317	1/4														
1/2	14,819	1/2	7,978	1/2	1,182	1/2														
3/4	14,677	3/4	7,836	3/4	1,068	3/4														
10	14,534	10	7,693	10	954	10														
1/4	14,249	1/4	7,408	1/4	840	1/4														
1/2	14,107	1/2	7,266	1/2	726	1/2														
3/4	13,964	3/4	7,123	3/4	641	3/4														
11	13,822	11	7,123	11	555	11														
1/4	13,679	1/4	6,980	1/4	470	1/4														
1/2	13,537	1/2	6,838	1/2	384	1/2														
3/4	13,395	3/4	6,696	3/4		3/4														

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

DATE STRAPPED: 5/11/04 BY: KS-KH
DATE COMPUTED: 5/13/04 BY: KS
DATE ISSUED: 5/13/04/04

CERTIFIED TANK CALIBRATION, INC.

Bill A. Row

GAUGE HEIGHT: 16'-5 1/8"

CAPACITIES GIVEN IN WHOLE GALLONS		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.	
M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N
0	173,022	0	161,972	0	149,738	0	135,503	0	122,268	0	109,033	0	95,798	0	82,563	0	69,328	0	56,093	0	42,858
1/4	172,953	1/4	161,897	1/4	148,662	1/4	135,227	1/4	121,992	1/4	108,757	1/4	95,522	1/4	82,287	1/4	69,052	1/4	55,817	1/4	42,582
1/2	172,884	1/2	161,421	1/2	148,186	1/2	134,951	1/2	121,716	1/2	108,481	1/2	95,246	1/2	82,012	1/2	68,777	1/2	55,542	1/2	42,307
3/4	172,815	3/4	161,145	3/4	147,910	3/4	134,675	3/4	121,441	3/4	108,206	3/4	94,971	3/4	81,736	3/4	68,501	3/4	55,266	3/4	42,042
1	172,746	1	160,870	1	147,359	1	134,400	1	121,165	1	107,930	1	94,695	1	81,480	1	68,225	1	54,990	1	41,777
1/4	172,681	1/4	160,594	1/4	147,359	1/4	134,124	1/4	120,889	1/4	107,654	1/4	94,419	1/4	81,184	1/4	67,949	1/4	54,715	1/4	41,512
1/2	172,581	1/2	160,318	1/2	147,083	1/2	133,848	1/2	120,613	1/2	107,378	1/2	94,144	1/2	80,909	1/2	67,674	1/2	54,439	1/2	41,237
3/4	172,481	3/4	160,042	3/4	146,807	3/4	133,573	3/4	120,338	3/4	107,103	3/4	93,868	3/4	80,633	3/4	67,400	3/4	54,163	3/4	40,962
2	172,347	2	159,787	2	146,532	2	133,297	2	120,062	2	106,827	2	93,592	2	80,357	2	67,122	2	53,887	2	40,687
1/4	172,214	1/4	159,491	1/4	146,256	1/4	133,021	1/4	119,786	1/4	106,551	1/4	93,316	1/4	80,081	1/4	66,847	1/4	53,612	1/4	40,412
1/2	172,092	1/2	159,215	1/2	145,980	1/2	132,745	1/2	119,510	1/2	106,276	1/2	93,030	1/2	79,806	1/2	66,571	1/2	53,336	1/2	40,137
3/4	171,890	3/4	158,939	3/4	145,705	3/4	132,470	3/4	119,235	3/4	106,000	3/4	92,765	3/4	79,530	3/4	66,295	3/4	53,060	3/4	39,862
3	171,657	3	158,664	3	145,429	3	132,194	3	118,959	3	105,724	3	92,489	3	79,254	3	66,019	3	52,784	3	39,587
1/4	171,430	1/4	158,388	1/4	145,153	1/4	131,918	1/4	118,683	1/4	105,448	1/4	92,213	1/4	78,979	1/4	65,744	1/4	52,509	1/4	39,312
1/2	171,202	1/2	158,112	1/2	144,877	1/2	131,642	1/2	118,408	1/2	105,173	1/2	91,938	1/2	78,703	1/2	65,468	1/2	52,233	1/2	39,037
3/4	170,975	3/4	157,837	3/4	144,602	3/4	131,367	3/4	118,132	3/4	104,897	3/4	91,662	3/4	78,427	3/4	65,192	3/4	51,957	3/4	38,762
4	170,747	4	157,561	4	144,326	4	131,091	4	117,856	4	104,621	4	91,386	4	78,151	4	64,916	4	51,682	4	38,487
1/4	170,483	1/4	157,285	1/4	144,050	1/4	130,815	1/4	117,580	1/4	104,345	1/4	91,111	1/4	77,876	1/4	64,641	1/4	51,406	1/4	38,212
1/2	170,218	1/2	157,009	1/2	143,774	1/2	130,540	1/2	117,305	1/2	104,070	1/2	90,835	1/2	77,600	1/2	64,365	1/2	51,130	1/2	37,937
3/4	169,954	3/4	156,734	3/4	143,499	3/4	130,264	3/4	117,029	3/4	103,794	3/4	90,559	3/4	77,324	3/4	64,089	3/4	50,854	3/4	37,662
5	169,689	5	156,458	5	143,223	5	129,988	5	116,753	5	103,518	5	90,283	5	77,048	5	63,814	5	50,579	5	37,387
1/4	169,415	1/4	156,182	1/4	142,947	1/4	129,712	1/4	116,477	1/4	103,243	1/4	90,008	1/4	76,773	1/4	63,538	1/4	50,303	1/4	37,112
1/2	169,140	1/2	155,906	1/2	142,671	1/2	129,437	1/2	116,202	1/2	102,967	1/2	89,732	1/2	76,497	1/2	63,262	1/2	50,027	1/2	36,837
3/4	168,865	3/4	155,631	3/4	142,396	3/4	129,161	3/4	115,926	3/4	102,691	3/4	89,456	3/4	76,221	3/4	62,986	3/4	49,751	3/4	36,562
6	168,590	6	155,355	6	142,120	6	128,885	6	115,650	6	102,415	6	89,180	6	75,946	6	62,711	6	49,476	6	36,287
1/4	168,314	1/4	155,079	1/4	141,844	1/4	128,609	1/4	115,375	1/4	102,140	1/4	88,905	1/4	75,670	1/4	62,435	1/4	49,200	1/4	36,012
1/2	168,038	1/2	154,804	1/2	141,569	1/2	128,334	1/2	115,099	1/2	101,864	1/2	88,629	1/2	75,394	1/2	62,159	1/2	48,924	1/2	35,737
3/4	167,763	3/4	154,528	3/4	141,293	3/4	128,058	3/4	114,823	3/4	101,588	3/4	88,353	3/4	75,118	3/4	61,883	3/4	48,649	3/4	35,462
7	167,487	7	154,252	7	141,017	7	127,782	7	114,547	7	101,312	7	88,078	7	74,843	7	61,608	7	48,373	7	35,187
1/4	167,211	1/4	153,976	1/4	140,741	1/4	127,507	1/4	114,272	1/4	101,037	1/4	87,802	1/4	74,567	1/4	61,332	1/4	48,097	1/4	34,912
1/2	166,936	1/2	153,701	1/2	140,466	1/2	127,231	1/2	113,996	1/2	100,761	1/2	87,526	1/2	74,291	1/2	61,056	1/2	47,821	1/2	34,637
3/4	166,660	3/4	153,425	3/4	140,190	3/4	126,955	3/4	113,720	3/4	100,485	3/4	87,250	3/4	74,015	3/4	60,781	3/4	47,546	3/4	34,362
8	166,384	8	153,149	8	139,914	8	126,679	8	113,444	8	100,210	8	86,975	8	73,740	8	60,505	8	47,270	8	34,087
1/4	166,108	1/4	152,873	1/4	139,639	1/4	126,404	1/4	113,169	1/4	99,934	1/4	86,699	1/4	73,464	1/4	60,229	1/4	46,994	1/4	33,812
1/2	165,833	1/2	152,598	1/2	139,363	1/2	126,128	1/2	112,893	1/2	99,658	1/2	86,423	1/2	73,188	1/2	59,953	1/2	46,718	1/2	33,537
3/4	165,557	3/4	152,322	3/4	139,087	3/4	125,852	3/4	112,617	3/4	99,382	3/4	86,147	3/4	72,913	3/4	59,678	3/4	46,443	3/4	33,262
9	165,281	9	152,046	9	138,811	9	125,576	9	112,342	9	99,107	9	85,872	9	72,637	9	59,402	9	46,167	9	32,987
1/4	165,005	1/4	151,771	1/4	138,536	1/4	125,301	1/4	112,066	1/4	98,831	1/4	85,596	1/4	72,361	1/4	59,126	1/4	45,891	1/4	32,712
1/2	164,730	1/2	151,495	1/2	138,260	1/2	125,025	1/2	111,790	1/2	98,555	1/2	85,320	1/2	72,085	1/2	58,850	1/2	45,616	1/2	32,437
3/4	164,454	3/4	151,219	3/4	137,984	3/4	124,749	3/4	111,514	3/4	98,279	3/4	85,045	3/4	71,810	3/4	58,575	3/4	45,340	3/4	32,162
10	164,178	10	150,943	10	137,708	10	124,474	10	111,239	10	98,004	10	84,769	10	71,534	10	58,299	10	45,064	10	31,887
1/4	163,903	1/4	150,668	1/4	137,433	1/4	124,198	1/4	110,963	1/4	97,728	1/4	84,493	1/4	71,258	1/4	58,023	1/4	44,788	1/4	31,612
1/2	163,627	1/2	150,392	1/2	137,157	1/2	123,922	1/2	110,687	1/2	97,452	1/2	84,217	1/2	70,982	1/2	57,748	1/2	44,513	1/2	31,337
3/4	163,351	3/4	150,116	3/4	136,881	3/4	123,646	3/4	110,411	3/4	97,177	3/4	83,942	3/4	70,707	3/4	57,472	3/4	44,237	3/4	31,062
11	163,075	11	149,840	11	136,606	11	123,371	11	110,136	11	96,901	11	83,666	11	70,431	11	57,196	11	43,961	11	30,787
1/4	162,800	1/4	149,565	1/4	136,330	1/4	123,095	1/4	109,860	1/4	96,625	1/4	83,390	1/4	70,155	1/4	56,920	1/4	43,685	1/4	30,512
1/2	162,524	1/2	149,289	1/2	136,054	1/2	122,819	1/2	109,584	1/2	96,349	1/2	83,114	1/2	69,880	1/2	56,645	1/2	43,410	1/2	30,237
3/4	162,248	3/4	149,013	3/4	135,778	3/4	122,543	3/4	109,309	3/4	96,074	3/4	82,839	3/4	69,604	3/4	56,369	3/4	43,135	3/4	29,962

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
NOTE: CAPACITY TABLE APPLIES ONLY TO ULLAGE GAUGES OBTAINED WITH TAMC* GAUGING DEVICE.
LOCATED 2'-2" OFF CENTERLINE AND 23'-6" FORWARD OF AFT. BULKHEAD.
NOTE: CAPACITY TABLE APPLIES ONLY WHEN BARGE IS ON EVEN KEEL.
NOTE: CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

DATE STRAPPED: 5/11/84 BY: KS-KH
DATE COMPUTED: 5/13/84 BY: KS
DATE ISSUED: 5/13/84

CERTIFIED TANK CALIBRATION, INC.
Dale A. Rose

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-5 1/8"

	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.	20 FT.	21 FT.	22 FT.
0	42,858	0	29,623	0	16,388	0	3,182	0	0	0
1/4	42,583	1/4	29,348	1/4	16,113	1/4	2,925	1/4	1/4	1/4
1/2	42,307	1/2	29,072	1/2	15,837	1/2	2,668	1/2	1/2	1/2
3/4	42,031	3/4	28,796	3/4	15,561	3/4	2,411	3/4	3/4	3/4
1	41,755	1	28,520	1	15,286	1	2,154	1	1	1
1/4	41,480	1/4	28,245	1/4	15,010	1/4	1,941	1/4	1/4	1/4
1/2	41,204	1/2	27,969	1/2	14,734	1/2	1,728	1/2	1/2	1/2
3/4	40,928	3/4	27,693	3/4	14,458	3/4	1,515	3/4	3/4	3/4
2	40,652	2	27,418	2	14,183	2	1,303	2	2	2
1/4	40,377	1/4	27,142	1/4	13,907	1/4	1,144	1/4	1/4	1/4
1/2	40,101	1/2	26,866	1/2	13,631	1/2	985	1/2	1/2	1/2
3/4	39,825	3/4	26,590	3/4	13,355	3/4	827	3/4	3/4	3/4
3	39,550	3	26,315	3	13,080	3	669	3	3	3
1/4	39,274	1/4	26,039	1/4	12,804	1/4	565	1/4	1/4	1/4
1/2	38,998	1/2	25,763	1/2	12,528	1/2	462	1/2	1/2	1/2
3/4	38,722	3/4	25,487	3/4	12,253	3/4	358	3/4	3/4	3/4
4	38,447	4	25,212	4	11,977	4	255	4	4	4
1/4	38,171	1/4	24,936	1/4	11,701	1/4	207	1/4	1/4	1/4
1/2	37,895	1/2	24,660	1/2	11,425	1/2	158	1/2	1/2	1/2
3/4	37,619	3/4	24,385	3/4	11,150	3/4	110	3/4	3/4	3/4
5	37,344	5	24,109	5	10,874	5	62	5	5	5
1/4	37,068	1/4	23,833	1/4	10,598	1/4	41	1/4	1/4	1/4
1/2	36,792	1/2	23,557	1/2	10,322	1/2	41	1/2	1/2	1/2
3/4	36,517	3/4	23,282	3/4	10,047	3/4	41	3/4	3/4	3/4
6	36,241	6	23,006	6	9,771	6	41	6	6	6
1/4	35,965	1/4	22,730	1/4	9,496	1/4	41	1/4	1/4	1/4
1/2	35,689	1/2	22,454	1/2	9,221	1/2	41	1/2	1/2	1/2
3/4	35,414	3/4	22,179	3/4	8,946	3/4	41	3/4	3/4	3/4
7	35,138	7	21,903	7	8,671	7	41	7	7	7
1/4	34,862	1/4	21,627	1/4	8,397	1/4	41	1/4	1/4	1/4
1/2	34,586	1/2	21,352	1/2	8,122	1/2	41	1/2	1/2	1/2
3/4	34,311	3/4	21,076	3/4	7,848	3/4	41	3/4	3/4	3/4
8	34,035	8	20,800	8	7,574	8	41	8	8	8
1/4	33,759	1/4	20,524	1/4	7,299	1/4	41	1/4	1/4	1/4
1/2	33,484	1/2	20,249	1/2	7,025	1/2	41	1/2	1/2	1/2
3/4	33,208	3/4	19,973	3/4	6,750	3/4	41	3/4	3/4	3/4
9	32,932	9	19,697	9	6,476	9	41	9	9	9
1/4	32,656	1/4	19,421	1/4	6,201	1/4	41	1/4	1/4	1/4
1/2	32,381	1/2	19,146	1/2	5,927	1/2	41	1/2	1/2	1/2
3/4	32,105	3/4	18,870	3/4	5,652	3/4	41	3/4	3/4	3/4
10	31,829	10	18,594	10	5,378	10	41	10	10	10
1/4	31,553	1/4	18,319	1/4	5,104	1/4	41	1/4	1/4	1/4
1/2	31,278	1/2	18,043	1/2	4,829	1/2	41	1/2	1/2	1/2
3/4	31,002	3/4	17,767	3/4	4,555	3/4	41	3/4	3/4	3/4
11	30,726	11	17,491	11	4,280	11	41	11	11	11
1/4	30,451	1/4	17,216	1/4	4,006	1/4	41	1/4	1/4	1/4
1/2	30,175	1/2	16,940	1/2	3,731	1/2	41	1/2	1/2	1/2
3/4	29,899	3/4	16,664	3/4	3,457	3/4	41	3/4	3/4	3/4

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

DATE STRAPPED: 5/11/04 BY: KS-KH
 DATE COMPUTED: 5/13/04 BY: KS
 DATE ISSUED: 5/13/04

CERTIFIED TANK CALIBRATION, INC.

Dale A. Ross