

GAUGE HEIGHT: 16'-3 3/4"

CAPACITIES GIVEN IN WHOLE GALLONS		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	160,430	0	149,541	0	137,185	0	124,829	0	112,473	0	100,117	0	87,761	0	75,405	0	63,049	0	50,693
1/4	160,353	1/4	149,284	1/4	136,928	1/4	124,572	1/4	112,216	1/4	99,860	1/4	87,504	1/4	75,148	1/4	62,792	1/4	50,437
1/2	160,276	1/2	149,026	1/2	136,670	1/2	124,314	1/2	111,958	1/2	99,603	1/2	87,247	1/2	74,891	1/2	62,535	1/2	50,180
3/4	160,198	3/4	148,769	3/4	136,413	3/4	124,057	3/4	111,701	3/4	99,345	3/4	86,989	3/4	74,633	3/4	62,277	3/4	50,000
1	160,070	1	148,512	1	136,156	1	123,800	1	111,444	1	99,088	1	86,732	1	74,376	1	62,020	1	50,000
1/4	159,941	1/4	148,254	1/4	135,898	1/4	123,542	1/4	111,186	1/4	98,830	1/4	86,474	1/4	74,118	1/4	61,762	1/4	50,000
1/2	159,812	1/2	147,997	1/2	135,641	1/2	123,285	1/2	110,929	1/2	98,573	1/2	86,217	1/2	73,861	1/2	61,505	1/2	50,000
3/4	159,683	3/4	147,739	3/4	135,383	3/4	123,027	3/4	110,671	3/4	98,315	3/4	85,959	3/4	73,603	3/4	61,247	3/4	50,000
2	159,503	2	147,482	2	135,126	2	122,770	2	110,414	2	98,058	2	85,702	2	73,346	2	60,990	2	50,000
1/4	159,323	1/4	147,225	1/4	134,869	1/4	122,513	1/4	110,157	1/4	97,801	1/4	85,445	1/4	73,089	1/4	60,733	1/4	50,000
1/2	159,143	1/2	146,967	1/2	134,611	1/2	122,255	1/2	109,899	1/2	97,543	1/2	85,187	1/2	72,831	1/2	60,475	1/2	50,000
3/4	158,963	3/4	146,710	3/4	134,354	3/4	121,998	3/4	109,642	3/4	97,286	3/4	84,930	3/4	72,574	3/4	60,218	3/4	50,000
3	158,731	3	146,452	3	134,096	3	121,740	3	109,384	3	97,028	3	84,672	3	72,316	3	59,960	3	50,000
1/4	158,499	1/4	146,195	1/4	133,839	1/4	121,483	1/4	109,127	1/4	96,771	1/4	84,415	1/4	72,059	1/4	59,703	1/4	50,000
1/2	158,268	1/2	145,937	1/2	133,581	1/2	121,225	1/2	108,869	1/2	96,514	1/2	84,158	1/2	71,802	1/2	59,446	1/2	50,000
3/4	158,036	3/4	145,680	3/4	133,324	3/4	120,968	3/4	108,612	3/4	96,256	3/4	83,900	3/4	71,544	3/4	59,188	3/4	50,000
4	157,779	4	145,423	4	133,067	4	120,711	4	108,355	4	95,999	4	83,643	4	71,287	4	58,931	4	50,000
1/4	157,521	1/4	145,165	1/4	132,809	1/4	120,453	1/4	108,097	1/4	95,741	1/4	83,385	1/4	71,029	1/4	58,673	1/4	50,000
1/2	157,264	1/2	144,908	1/2	132,552	1/2	120,196	1/2	107,840	1/2	95,484	1/2	83,128	1/2	70,772	1/2	58,416	1/2	50,000
3/4	157,006	3/4	144,650	3/4	132,294	3/4	119,938	3/4	107,582	3/4	95,226	3/4	82,870	3/4	70,514	3/4	58,158	3/4	50,000
5	156,749	5	144,393	5	132,037	5	119,681	5	107,325	5	94,969	5	82,613	5	70,257	5	57,901	5	50,000
1/4	156,492	1/4	144,136	1/4	131,780	1/4	119,424	1/4	107,068	1/4	94,712	1/4	82,356	1/4	70,000	1/4	57,644	1/4	50,000
1/2	156,234	1/2	143,878	1/2	131,522	1/2	119,166	1/2	106,810	1/2	94,454	1/2	82,098	1/2	69,742	1/2	57,386	1/2	50,000
3/4	155,977	3/4	143,621	3/4	131,265	3/4	118,909	3/4	106,553	3/4	94,197	3/4	81,841	3/4	69,485	3/4	57,129	3/4	50,000
6	155,719	6	143,363	6	131,007	6	118,651	6	106,295	6	93,939	6	81,583	6	69,227	6	56,871	6	50,000
1/4	155,462	1/4	143,106	1/4	130,750	1/4	118,394	1/4	106,038	1/4	93,682	1/4	81,326	1/4	68,970	1/4	56,614	1/4	50,000
1/2	155,204	1/2	142,848	1/2	130,492	1/2	118,136	1/2	105,781	1/2	93,425	1/2	81,069	1/2	68,713	1/2	56,357	1/2	50,000
3/4	154,947	3/4	142,591	3/4	130,235	3/4	117,879	3/4	105,523	3/4	93,167	3/4	80,811	3/4	68,455	3/4	56,099	3/4	50,000
7	154,690	7	142,334	7	129,978	7	117,622	7	105,266	7	92,910	7	80,554	7	68,198	7	55,842	7	50,000
1/4	154,432	1/4	142,076	1/4	129,720	1/4	117,364	1/4	105,008	1/4	92,652	1/4	80,296	1/4	67,940	1/4	55,584	1/4	50,000
1/2	154,175	1/2	141,819	1/2	129,463	1/2	117,107	1/2	104,751	1/2	92,395	1/2	80,039	1/2	67,683	1/2	55,327	1/2	50,000
3/4	153,917	3/4	141,561	3/4	129,205	3/4	116,849	3/4	104,493	3/4	92,137	3/4	79,781	3/4	67,425	3/4	55,069	3/4	50,000
8	153,660	8	141,304	8	128,948	8	116,592	8	104,236	8	91,880	8	79,524	8	67,168	8	54,812	8	50,000
1/4	153,403	1/4	141,047	1/4	128,691	1/4	116,335	1/4	103,979	1/4	91,623	1/4	79,267	1/4	66,911	1/4	54,555	1/4	50,000
1/2	153,145	1/2	140,789	1/2	128,433	1/2	116,077	1/2	103,721	1/2	91,365	1/2	79,009	1/2	66,653	1/2	54,297	1/2	50,000
3/4	152,888	3/4	140,532	3/4	128,176	3/4	115,820	3/4	103,464	3/4	91,108	3/4	78,752	3/4	66,396	3/4	54,040	3/4	50,000
9	152,630	9	140,274	9	127,918	9	115,562	9	103,206	9	90,850	9	78,494	9	66,138	9	53,782	9	50,000
1/4	152,373	1/4	140,017	1/4	127,661	1/4	115,305	1/4	102,949	1/4	90,593	1/4	78,237	1/4	65,881	1/4	53,525	1/4	50,000
1/2	152,115	1/2	139,759	1/2	127,403	1/2	115,047	1/2	102,692	1/2	90,336	1/2	77,980	1/2	65,624	1/2	53,268	1/2	50,000
3/4	151,858	3/4	139,502	3/4	127,146	3/4	114,790	3/4	102,434	3/4	90,078	3/4	77,722	3/4	65,366	3/4	53,010	3/4	50,000
10	151,601	10	139,245	10	126,889	10	114,533	10	102,177	10	89,821	10	77,465	10	65,109	10	52,753	10	50,000
1/4	151,343	1/4	138,987	1/4	126,631	1/4	114,275	1/4	101,919	1/4	89,563	1/4	77,207	1/4	64,851	1/4	52,495	1/4	50,000
1/2	151,086	1/2	138,730	1/2	126,374	1/2	114,018	1/2	101,662	1/2	89,306	1/2	76,950	1/2	64,594	1/2	52,238	1/2	50,000
3/4	150,828	3/4	138,472	3/4	126,116	3/4	113,760	3/4	101,404	3/4	89,048	3/4	76,692	3/4	64,336	3/4	51,980	3/4	50,000
11	150,571	11	138,215	11	125,859	11	113,503	11	101,147	11	88,791	11	76,435	11	64,079	11	51,723	11	50,000
1/4	150,314	1/4	137,958	1/4	125,602	1/4	113,246	1/4	100,890	1/4	88,534	1/4	76,178	1/4	63,822	1/4	51,466	1/4	50,000
1/2	150,056	1/2	137,700	1/2	125,344	1/2	112,988	1/2	100,632	1/2	88,276	1/2	75,920	1/2	63,564	1/2	51,208	1/2	50,000
3/4	149,799	3/4	137,443	3/4	125,087	3/4	112,731	3/4	100,375	3/4	88,019	3/4	75,663	3/4	63,307	3/4	50,951	3/4	50,000

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 MMC GAUGING DEVICE.
NOTE: MMC GAUGE POINT LOCATED ON CENTERLINE AND 21'-3" FORWARD OF AFT BULKHEAD.
NOTE: CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

CERTIFIED TANK CALIBRATION, INC.

DATE STRAPPED: 7/17/86 BY: DR-RL
DATE COMPUTED: 8/9/86 BY: KS
DATE ISSUED: 8/9/86



GAUGE HEIGHT: 16'-3 3/4"

CAPACITIES GIVEN IN WHOLE GALLONS		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		20 FT.		21 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	50.693	0	38.357	0	25.982	0	13.626	0	1.478	0	0	0	0	0	0	0	0	0	0	0	0
1/4	50.436	1/4	38.080	1/4	25.724	1/4	13.369	1/4	1.298	1/4	1.298	1/4	1.118	1/4	0.938	1/4	0.758	1/4	0.578	1/4	0.398
1/2	50.179	1/2	37.823	1/2	25.467	1/2	13.111	1/2	1.038	1/2	0.938	1/2	0.758	1/2	0.578	1/2	0.398	1/2	0.218	1/2	0.038
3/4	49.921	3/4	37.566	3/4	25.210	3/4	12.854	3/4	0.771	3/4	0.671	3/4	0.491	3/4	0.311	3/4	0.131	3/4	0.031	3/4	0.031
1	49.664	1	37.309	1	24.952	1	12.596	1	0.514	1	0.414	1	0.234	1	0.054	1	0.054	1	0.054	1	0.054
1/4	49.406	1/4	37.050	1/4	24.695	1/4	12.339	1/4	0.257	1/4	0.157	1/4	0.077	1/4	0.077	1/4	0.077	1/4	0.077	1/4	0.077
1/2	49.149	1/2	36.793	1/2	24.437	1/2	12.081	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000
3/4	48.891	3/4	36.535	3/4	24.180	3/4	11.824	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000
2	48.634	2	36.278	2	23.923	2	11.567	2	0.000	2	0.000	2	0.000	2	0.000	2	0.000	2	0.000	2	0.000
1/4	48.377	1/4	36.021	1/4	23.665	1/4	11.309	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000
1/2	48.119	1/2	35.763	1/2	23.408	1/2	11.052	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000
3/4	47.862	3/4	35.506	3/4	23.150	3/4	10.794	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000
3	47.604	3	35.248	3	22.893	3	10.537	3	0.000	3	0.000	3	0.000	3	0.000	3	0.000	3	0.000	3	0.000
1/4	47.347	1/4	34.991	1/4	22.635	1/4	10.280	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000
1/2	47.090	1/2	34.734	1/2	22.378	1/2	10.022	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000
3/4	46.832	3/4	34.476	3/4	22.121	3/4	9.765	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000
4	46.575	4	34.219	4	21.863	4	9.507	4	0.000	4	0.000	4	0.000	4	0.000	4	0.000	4	0.000	4	0.000
1/4	46.317	1/4	33.961	1/4	21.606	1/4	9.250	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000
1/2	46.060	1/2	33.704	1/2	21.348	1/2	8.993	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000
3/4	45.802	3/4	33.447	3/4	21.091	3/4	8.735	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000
5	45.545	5	33.189	5	20.834	5	8.479	5	0.000	5	0.000	5	0.000	5	0.000	5	0.000	5	0.000	5	0.000
1/4	45.288	1/4	32.932	1/4	20.576	1/4	8.223	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000
1/2	45.030	1/2	32.674	1/2	20.319	1/2	7.966	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000
3/4	44.773	3/4	32.417	3/4	20.061	3/4	7.710	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000
6	44.515	6	32.160	6	19.804	6	7.454	6	0.000	6	0.000	6	0.000	6	0.000	6	0.000	6	0.000	6	0.000
1/4	44.258	1/4	31.902	1/4	19.546	1/4	7.198	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000
1/2	44.001	1/2	31.645	1/2	19.289	1/2	6.941	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000
3/4	43.743	3/4	31.387	3/4	19.032	3/4	6.685	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000
7	43.486	7	31.130	7	18.774	7	6.429	7	0.000	7	0.000	7	0.000	7	0.000	7	0.000	7	0.000	7	0.000
1/4	43.228	1/4	30.872	1/4	18.517	1/4	6.173	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000
1/2	42.971	1/2	30.615	1/2	18.259	1/2	5.916	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000
3/4	42.713	3/4	30.358	3/4	18.002	3/4	5.660	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000
8	42.456	8	30.100	8	17.745	8	5.404	8	0.000	8	0.000	8	0.000	8	0.000	8	0.000	8	0.000	8	0.000
1/4	42.199	1/4	29.843	1/4	17.487	1/4	5.148	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000
1/2	41.941	1/2	29.585	1/2	17.230	1/2	4.891	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000
3/4	41.684	3/4	29.328	3/4	16.972	3/4	4.635	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000
9	41.426	9	29.071	9	16.715	9	4.379	9	0.000	9	0.000	9	0.000	9	0.000	9	0.000	9	0.000	9	0.000
1/4	41.169	1/4	28.813	1/4	16.458	1/4	4.123	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000
1/2	40.912	1/2	28.556	1/2	16.200	1/2	3.867	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000
3/4	40.654	3/4	28.298	3/4	15.943	3/4	3.610	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000
10	40.397	10	28.041	10	15.685	10	3.354	10	0.000	10	0.000	10	0.000	10	0.000	10	0.000	10	0.000	10	0.000
1/4	40.139	1/4	27.784	1/4	15.428	1/4	3.098	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000
1/2	39.882	1/2	27.526	1/2	15.170	1/2	2.842	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000
3/4	39.624	3/4	27.269	3/4	14.913	3/4	2.585	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000
11	39.367	11	27.011	11	14.656	11	2.328	11	0.000	11	0.000	11	0.000	11	0.000	11	0.000	11	0.000	11	0.000
1/4	39.110	1/4	26.754	1/4	14.398	1/4	2.071	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000	1/4	0.000
1/2	38.852	1/2	26.497	1/2	14.141	1/2	1.814	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000	1/2	0.000
3/4	38.595	3/4	26.239	3/4	13.883	3/4	1.557	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000	3/4	0.000

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. Rose

DATE STRAPPED: 7/17/86 BY: DR-RL
 DATE COMPUTED: 8/9/86 BY: KS
 DATE ISSUED: 8/9/86

2 PORT ULLAGE TABLE

GAUGE HEIGHT: 16'-10"

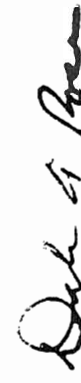
2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	100.969	0	93.183	0	85.332	0	77.481	0	69.630	0	61.779	0	53.928	0	46.077	0	38.226	0
1/4	1/4	100.822	1/4	93.020	1/4	85.169	1/4	77.318	1/4	69.466	1/4	61.615	1/4	53.764	1/4	45.913	1/4	38.062	1/4
1/2	1/2	100.675	1/2	92.856	1/2	85.005	1/2	77.154	1/2	69.303	1/2	61.452	1/2	53.601	1/2	45.750	1/2	37.908	1/2
3/4	3/4	100.527	3/4	92.693	3/4	84.842	3/4	76.990	3/4	69.139	3/4	61.288	3/4	53.437	3/4	45.586	3/4	37.735	3/4
1	1	100.380	1	92.529	1	84.678	1	76.827	1	68.976	1	61.125	1	53.274	1	45.422	1	37.571	1
1/4	1/4	100.217	1/4	92.365	1/4	84.514	1/4	76.663	1/4	68.812	1/4	60.961	1/4	53.110	1/4	45.259	1/4	37.408	1/4
1/2	1/2	100.053	1/2	92.202	1/2	84.351	1/2	76.500	1/2	68.649	1/2	60.798	1/2	52.946	1/2	45.095	1/2	37.244	1/2
3/4	3/4	99.889	3/4	92.038	3/4	84.187	3/4	76.336	3/4	68.485	3/4	60.634	3/4	52.783	3/4	44.932	3/4	37.081	3/4
2	2	99.726	2	91.875	2	84.024	2	76.173	2	68.321	2	60.470	2	52.619	2	44.768	2	36.917	2
1/4	1/4	99.562	1/4	91.711	1/4	83.860	1/4	76.009	1/4	68.158	1/4	60.307	1/4	52.456	1/4	44.605	1/4	36.754	1/4
1/2	1/2	99.399	1/2	91.548	1/2	83.697	1/2	75.845	1/2	67.994	1/2	60.143	1/2	52.292	1/2	44.441	1/2	36.590	1/2
3/4	3/4	99.235	3/4	91.384	3/4	83.533	3/4	75.682	3/4	67.831	3/4	59.980	3/4	52.129	3/4	44.277	3/4	36.426	3/4
3	3	99.072	3	91.221	3	83.369	3	75.518	3	67.667	3	59.816	3	51.965	3	44.114	3	36.263	3
1/4	1/4	98.908	1/4	91.057	1/4	83.206	1/4	75.355	1/4	67.504	1/4	59.653	1/4	51.801	1/4	43.950	1/4	36.099	1/4
1/2	1/2	98.745	1/2	90.893	1/2	83.042	1/2	75.191	1/2	67.340	1/2	59.489	1/2	51.638	1/2	43.787	1/2	35.936	1/2
3/4	3/4	98.581	3/4	90.730	3/4	82.879	3/4	75.028	3/4	67.177	3/4	59.325	3/4	51.474	3/4	43.623	3/4	35.772	3/4
4	4	98.417	4	90.566	4	82.715	4	74.864	4	67.013	4	59.162	4	51.311	4	43.460	4	35.609	4
1/4	1/4	98.254	1/4	90.403	1/4	82.552	1/4	74.701	1/4	66.849	1/4	58.998	1/4	51.147	1/4	43.296	1/4	35.445	1/4
1/2	1/2	98.090	1/2	90.239	1/2	82.388	1/2	74.537	1/2	66.686	1/2	58.835	1/2	50.984	1/2	43.133	1/2	35.281	1/2
3/4	3/4	97.927	3/4	90.076	3/4	82.224	3/4	74.373	3/4	66.522	3/4	58.671	3/4	50.820	3/4	42.969	3/4	35.118	3/4
5	5	97.763	5	89.912	5	82.061	5	74.210	5	66.359	5	58.508	5	50.657	5	42.805	5	34.954	5
1/4	1/4	97.600	1/4	89.748	1/4	81.897	1/4	74.046	1/4	66.195	1/4	58.344	1/4	50.493	1/4	42.642	1/4	34.791	1/4
1/2	1/2	97.436	1/2	89.585	1/2	81.734	1/2	73.883	1/2	66.032	1/2	58.180	1/2	50.329	1/2	42.478	1/2	34.627	1/2
3/4	3/4	97.272	3/4	89.421	3/4	81.570	3/4	73.719	3/4	65.868	3/4	58.017	3/4	50.166	3/4	42.315	3/4	34.464	3/4
6	6	97.109	6	89.258	6	81.407	6	73.556	6	65.704	6	57.853	6	50.002	6	42.151	6	34.300	6
1/4	1/4	96.945	1/4	89.094	1/4	81.243	1/4	73.392	1/4	65.541	1/4	57.690	1/4	49.839	1/4	41.988	1/4	34.136	1/4
1/2	1/2	96.782	1/2	88.931	1/2	81.080	1/2	73.228	1/2	65.377	1/2	57.526	1/2	49.675	1/2	41.824	1/2	33.973	1/2
3/4	3/4	96.618	3/4	88.767	3/4	80.916	3/4	73.065	3/4	65.214	3/4	57.363	3/4	49.512	3/4	41.660	3/4	33.809	3/4
7	7	96.455	7	88.604	7	80.752	7	72.901	7	65.050	7	57.199	7	49.348	7	41.497	7	33.646	7
1/4	1/4	96.291	1/4	88.440	1/4	80.589	1/4	72.738	1/4	64.887	1/4	57.036	1/4	49.184	1/4	41.333	1/4	33.482	1/4
1/2	1/2	96.127	1/2	88.276	1/2	80.425	1/2	72.574	1/2	64.723	1/2	56.872	1/2	49.021	1/2	41.170	1/2	33.319	1/2
3/4	3/4	95.964	3/4	88.113	3/4	80.262	3/4	72.411	3/4	64.560	3/4	56.708	3/4	48.857	3/4	41.006	3/4	33.155	3/4
8	8	95.800	8	87.949	8	80.098	8	72.247	8	64.396	8	56.545	8	48.694	8	40.843	8	32.992	8
1/4	1/4	95.637	1/4	87.786	1/4	79.935	1/4	72.083	1/4	64.232	1/4	56.381	1/4	48.530	1/4	40.679	1/4	32.828	1/4
1/2	1/2	95.473	1/2	87.622	1/2	79.771	1/2	71.920	1/2	64.069	1/2	56.218	1/2	48.367	1/2	40.516	1/2	32.664	1/2
3/4	3/4	95.310	3/4	87.459	3/4	79.607	3/4	71.756	3/4	63.905	3/4	56.054	3/4	48.203	3/4	40.352	3/4	32.501	3/4
9	9	95.146	9	87.295	9	79.444	9	71.593	9	63.742	9	55.891	9	48.039	9	40.188	9	32.337	9
1/4	1/4	94.983	1/4	87.131	1/4	79.280	1/4	71.429	1/4	63.578	1/4	55.727	1/4	47.876	1/4	40.025	1/4	32.174	1/4
1/2	1/2	94.819	1/2	86.968	1/2	79.117	1/2	71.266	1/2	63.415	1/2	55.563	1/2	47.712	1/2	39.861	1/2	32.010	1/2
3/4	3/4	94.655	3/4	86.804	3/4	78.953	3/4	71.102	3/4	63.251	3/4	55.400	3/4	47.549	3/4	39.698	3/4	31.847	3/4
10	10	94.492	10	86.641	10	78.790	10	70.939	10	63.087	10	55.236	10	47.385	10	39.534	10	31.683	10
1/4	1/4	94.328	1/4	86.477	1/4	78.626	1/4	70.775	1/4	62.924	1/4	55.073	1/4	47.222	1/4	39.371	1/4	31.519	1/4
1/2	1/2	94.165	1/2	86.314	1/2	78.462	1/2	70.611	1/2	62.760	1/2	54.909	1/2	47.058	1/2	39.207	1/2	31.356	1/2
3/4	3/4	94.001	3/4	86.150	3/4	78.299	3/4	70.448	3/4	62.597	3/4	54.746	3/4	46.895	3/4	39.043	3/4	31.192	3/4
11	11	93.838	11	85.986	11	78.135	11	70.284	11	62.433	11	54.582	11	46.731	11	38.880	11	31.029	11
1/4	1/4	93.674	1/4	85.823	1/4	77.972	1/4	70.121	1/4	62.270	1/4	54.419	1/4	46.567	1/4	38.716	1/4	30.865	1/4
1/2	1/2	93.510	1/2	85.659	1/2	77.808	1/2	69.957	1/2	62.106	1/2	54.255	1/2	46.404	1/2	38.553	1/2	30.702	1/2
3/4	3/4	93.347	3/4	85.496	3/4	77.645	3/4	69.794	3/4	61.942	3/4	54.091	3/4	46.240	3/4	38.389	3/4	30.538	3/4

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NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
NOTE: CAPACITY TABLE APPLIES ONLY TO ULLAGE GAUGES OBTAINED WITH MMC GAUGING DEVICE.
NOTE: MMC GAUGE POINT LOCATED 14'-0" CENTERLINE AND 25'-6" FORWARD OF AFT BULKHEAD.
NOTE: CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

DATE STRAPPED: 7/11/06 BY: DR-RL
DATE COMPUTED: 8/0/06 BY: KS
DATE ISSUED: 8/0/06

CERTIFIED TANK CALIBRATION, INC.



CAPACITIES GIVEN IN WHOLE GALLONS		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		20 FT.		21 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	30,375	0	22,523	0	14,700	0	6,849	0	6,849	0	0	0	0	0	0	0	0	0	0	0	0
1/4	30,211	1/4	22,360	1/4	14,536	1/4	6,685	1/4	6,685	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	30,047	1/2	22,196	1/2	14,373	1/2	6,522	1/2	6,522	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	29,884	3/4	22,033	3/4	14,209	3/4	6,358	3/4	6,358	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	29,720	1	21,870	1	14,046	1	6,195	1	6,195	1	1	1	1	1	1	1	1	1	1	1	1
1/4	29,557	1/4	21,707	1/4	13,882	1/4	6,031	1/4	6,031	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	29,393	1/2	21,544	1/2	13,718	1/2	5,867	1/2	5,867	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	29,230	3/4	21,381	3/4	13,555	3/4	5,704	3/4	5,704	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	29,066	2	21,219	2	13,391	2	5,540	2	5,540	2	2	2	2	2	2	2	2	2	2	2	2
1/4	28,902	1/4	21,056	1/4	13,228	1/4	5,378	1/4	5,378	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	28,739	1/2	20,893	1/2	13,064	1/2	5,216	1/2	5,216	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	28,575	3/4	20,730	3/4	12,901	3/4	5,054	3/4	5,054	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	28,412	3	20,568	3	12,737	3	4,891	3	4,891	3	3	3	3	3	3	3	3	3	3	3	3
1/4	28,248	1/4	20,405	1/4	12,573	1/4	4,729	1/4	4,729	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	28,085	1/2	20,242	1/2	12,410	1/2	4,567	1/2	4,567	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	27,921	3/4	20,079	3/4	12,246	3/4	4,405	3/4	4,405	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	27,757	4	19,917	4	12,083	4	4,242	4	4,242	4	4	4	4	4	4	4	4	4	4	4	4
1/4	27,594	1/4	19,754	1/4	11,919	1/4	4,080	1/4	4,080	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	27,430	1/2	19,591	1/2	11,756	1/2	3,918	1/2	3,918	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	27,267	3/4	19,429	3/4	11,592	3/4	3,756	3/4	3,756	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	27,103	5	19,266	5	11,429	5	3,594	5	3,594	5	5	5	5	5	5	5	5	5	5	5	5
1/4	26,940	1/4	19,103	1/4	11,265	1/4	3,431	1/4	3,431	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	26,776	1/2	18,940	1/2	11,101	1/2	3,269	1/2	3,269	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	26,613	3/4	18,778	3/4	10,938	3/4	3,107	3/4	3,107	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	26,449	6	18,615	6	10,774	6	2,945	6	2,945	6	6	6	6	6	6	6	6	6	6	6	6
1/4	26,285	1/4	18,452	1/4	10,611	1/4	2,782	1/4	2,782	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	26,122	1/2	18,289	1/2	10,447	1/2	2,620	1/2	2,620	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	25,958	3/4	18,127	3/4	10,284	3/4	2,458	3/4	2,458	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	25,795	7	17,964	7	10,120	7	2,296	7	2,296	7	7	7	7	7	7	7	7	7	7	7	7
1/4	25,631	1/4	17,801	1/4	9,956	1/4	2,133	1/4	2,133	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	25,468	1/2	17,638	1/2	9,793	1/2	1,971	1/2	1,971	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	25,304	3/4	17,476	3/4	9,629	3/4	1,809	3/4	1,809	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	25,140	8	17,313	8	9,466	8	1,647	8	1,647	8	8	8	8	8	8	8	8	8	8	8	8
1/4	24,977	1/4	17,150	1/4	9,302	1/4	1,500	1/4	1,500	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	24,813	1/2	16,988	1/2	9,139	1/2	1,352	1/2	1,352	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	24,650	3/4	16,825	3/4	8,975	3/4	1,205	3/4	1,205	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	24,486	9	16,662	9	8,812	9	1,058	9	1,058	9	9	9	9	9	9	9	9	9	9	9	9
1/4	24,323	1/4	16,499	1/4	8,648	1/4	943	1/4	943	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	24,159	1/2	16,335	1/2	8,484	1/2	829	1/2	829	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	23,995	3/4	16,172	3/4	8,321	3/4	715	3/4	715	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	23,832	10	16,008	10	8,157	10	600	10	600	10	10	10	10	10	10	10	10	10	10	10	10
1/4	23,668	1/4	15,845	1/4	7,994	1/4	486	1/4	486	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	23,505	1/2	15,681	1/2	7,830	1/2	372	1/2	372	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	23,341	3/4	15,518	3/4	7,667	3/4	258	3/4	258	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	23,178	11	15,354	11	7,503	11	144	11	144	11	11	11	11	11	11	11	11	11	11	11	11
1/4	23,014	1/4	15,190	1/4	7,339	1/4	30	1/4	30	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	22,851	1/2	15,027	1/2	7,176	1/2	18	1/2	18	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	22,687	3/4	14,863	3/4	7,012	3/4	6	3/4	6	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	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.

CERTIFIED TANK CALIBRATION, INC.

DATE STRAPPED: 7/17/86 BY: DR-RL
 DATE COMPUTED: 8/9/86 BY: KS
 DATE ISSUED: 8/9/86

Paul S. Row

GAUGE HEIGHT 15'-11 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.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	102,074	0	94,264	0	86,338	0	78,412	0	70,486	0	62,560	0	54,634	0	46,708	0	38,782	0
1/4	1/4	101,950	1/4	94,099	1/4	86,173	1/4	78,247	1/4	70,321	1/4	62,395	1/4	54,469	1/4	46,543	1/4	38,617	1/4
1/2	1/2	101,810	1/2	93,933	1/2	86,008	1/2	78,082	1/2	70,156	1/2	62,230	1/2	54,304	1/2	46,378	1/2	38,452	1/2
3/4	3/4	101,661	3/4	93,768	3/4	85,842	3/4	77,917	3/4	69,991	3/4	62,065	3/4	54,139	3/4	46,213	3/4	38,287	3/4
1	1	101,513	1	93,603	1	85,677	1	77,751	1	69,826	1	61,900	1	53,974	1	46,048	1	38,122	1
1/4	1/4	101,360	1/4	93,438	1/4	85,512	1/4	77,586	1/4	69,660	1/4	61,734	1/4	53,809	1/4	45,883	1/4	37,957	1/4
1/2	1/2	101,199	1/2	93,273	1/2	85,347	1/2	77,421	1/2	69,495	1/2	61,569	1/2	53,643	1/2	45,718	1/2	37,792	1/2
3/4	3/4	101,034	3/4	93,108	3/4	85,182	3/4	77,256	3/4	69,330	3/4	61,404	3/4	53,478	3/4	45,552	3/4	37,627	3/4
2	2	100,869	2	92,943	2	85,017	2	77,091	2	69,165	2	61,239	2	53,313	2	45,387	2	37,461	2
1/4	1/4	100,704	1/4	92,778	1/4	84,852	1/4	76,926	1/4	69,000	1/4	61,074	1/4	53,148	1/4	45,222	1/4	37,296	1/4
1/2	1/2	100,538	1/2	92,612	1/2	84,687	1/2	76,761	1/2	68,835	1/2	60,909	1/2	52,983	1/2	45,057	1/2	37,131	1/2
3/4	3/4	100,373	3/4	92,447	3/4	84,521	3/4	76,596	3/4	68,670	3/4	60,744	3/4	52,818	3/4	44,892	3/4	36,966	3/4
3	3	100,208	3	92,282	3	84,356	3	76,430	3	68,505	3	60,579	3	52,653	3	44,727	3	36,801	3
1/4	1/4	100,043	1/4	92,117	1/4	84,191	1/4	76,265	1/4	68,339	1/4	60,414	1/4	52,488	1/4	44,562	1/4	36,636	1/4
1/2	1/2	99,878	1/2	91,952	1/2	84,026	1/2	76,100	1/2	68,174	1/2	60,248	1/2	52,322	1/2	44,397	1/2	36,471	1/2
3/4	3/4	99,713	3/4	91,787	3/4	83,861	3/4	75,935	3/4	68,009	3/4	60,083	3/4	52,157	3/4	44,231	3/4	36,306	3/4
4	4	99,548	4	91,622	4	83,696	4	75,770	4	67,844	4	59,918	4	51,992	4	44,066	4	36,140	4
1/4	1/4	99,383	1/4	91,457	1/4	83,531	1/4	75,605	1/4	67,679	1/4	59,753	1/4	51,827	1/4	43,901	1/4	35,975	1/4
1/2	1/2	99,217	1/2	91,292	1/2	83,366	1/2	75,440	1/2	67,514	1/2	59,588	1/2	51,662	1/2	43,736	1/2	35,810	1/2
3/4	3/4	99,052	3/4	91,126	3/4	83,200	3/4	75,275	3/4	67,349	3/4	59,423	3/4	51,497	3/4	43,571	3/4	35,645	3/4
5	5	98,887	5	90,961	5	83,035	5	75,109	5	67,184	5	59,258	5	51,332	5	43,406	5	35,480	5
1/4	1/4	98,722	1/4	90,796	1/4	82,870	1/4	74,944	1/4	67,018	1/4	59,093	1/4	51,167	1/4	43,241	1/4	35,315	1/4
1/2	1/2	98,557	1/2	90,631	1/2	82,705	1/2	74,779	1/2	66,853	1/2	58,927	1/2	51,002	1/2	43,076	1/2	35,150	1/2
3/4	3/4	98,392	3/4	90,466	3/4	82,540	3/4	74,614	3/4	66,688	3/4	58,762	3/4	50,836	3/4	42,910	3/4	34,985	3/4
6	6	98,227	6	90,301	6	82,375	6	74,449	6	66,523	6	58,597	6	50,671	6	42,745	6	34,819	6
1/4	1/4	98,062	1/4	90,136	1/4	82,210	1/4	74,284	1/4	66,358	1/4	58,432	1/4	50,506	1/4	42,580	1/4	34,654	1/4
1/2	1/2	97,896	1/2	89,971	1/2	82,045	1/2	74,119	1/2	66,193	1/2	58,267	1/2	50,341	1/2	42,415	1/2	34,489	1/2
3/4	3/4	97,731	3/4	89,805	3/4	81,880	3/4	73,954	3/4	66,028	3/4	58,102	3/4	50,176	3/4	42,250	3/4	34,324	3/4
7	7	97,566	7	89,640	7	81,714	7	73,788	7	65,863	7	57,937	7	50,011	7	42,085	7	34,159	7
1/4	1/4	97,401	1/4	89,475	1/4	81,549	1/4	73,623	1/4	65,697	1/4	57,772	1/4	49,846	1/4	41,920	1/4	33,994	1/4
1/2	1/2	97,236	1/2	89,310	1/2	81,384	1/2	73,458	1/2	65,532	1/2	57,606	1/2	49,681	1/2	41,755	1/2	33,829	1/2
3/4	3/4	97,071	3/4	89,145	3/4	81,219	3/4	73,293	3/4	65,367	3/4	57,441	3/4	49,515	3/4	41,589	3/4	33,664	3/4
8	8	96,906	8	88,980	8	81,054	8	73,128	8	65,202	8	57,276	8	49,350	8	41,424	8	33,498	8
1/4	1/4	96,741	1/4	88,815	1/4	80,889	1/4	72,963	1/4	65,037	1/4	57,111	1/4	49,185	1/4	41,259	1/4	33,333	1/4
1/2	1/2	96,575	1/2	88,650	1/2	80,724	1/2	72,798	1/2	64,872	1/2	56,946	1/2	49,020	1/2	41,094	1/2	33,168	1/2
3/4	3/4	96,410	3/4	88,484	3/4	80,559	3/4	72,633	3/4	64,707	3/4	56,781	3/4	48,855	3/4	40,929	3/4	33,003	3/4
9	9	96,245	9	88,319	9	80,393	9	72,467	9	64,542	9	56,616	9	48,690	9	40,764	9	32,838	9
1/4	1/4	96,080	1/4	88,154	1/4	80,228	1/4	72,302	1/4	64,376	1/4	56,451	1/4	48,525	1/4	40,599	1/4	32,673	1/4
1/2	1/2	95,915	1/2	87,989	1/2	80,063	1/2	72,137	1/2	64,211	1/2	56,285	1/2	48,360	1/2	40,434	1/2	32,508	1/2
3/4	3/4	95,750	3/4	87,824	3/4	79,898	3/4	71,972	3/4	64,046	3/4	56,120	3/4	48,194	3/4	40,269	3/4	32,343	3/4
10	10	95,585	10	87,659	10	79,733	10	71,807	10	63,881	10	55,955	10	48,029	10	40,103	10	32,177	10
3/8	3/8	102,710	1/4	95,420	1/4	79,568	1/4	71,642	1/4	63,716	1/4	55,790	1/4	47,864	1/4	39,938	1/4	32,012	1/4
1/2	1/2	102,669	1/2	95,254	1/2	79,403	1/2	71,477	1/2	63,551	1/2	55,625	1/2	47,699	1/2	39,773	1/2	31,847	1/2
3/4	3/4	102,586	3/4	95,089	3/4	79,238	3/4	71,312	3/4	63,386	3/4	55,460	3/4	47,534	3/4	39,608	3/4	31,682	3/4
11	11	102,503	11	94,924	11	79,072	11	71,147	11	63,221	11	55,295	11	47,369	11	39,443	11	31,517	11
1/4	1/4	102,413	1/4	94,759	1/4	78,907	1/4	70,981	1/4	63,055	1/4	55,130	1/4	47,204	1/4	39,278	1/4	31,352	1/4
1/2	1/2	102,305	1/2	94,594	1/2	78,742	1/2	70,816	1/2	62,890	1/2	54,964	1/2	47,039	1/2	39,113	1/2	31,187	1/2
3/4	3/4	102,190	3/4	94,429	3/4	78,577	3/4	70,651	3/4	62,725	3/4	54,799	3/4	46,873	3/4	38,948	3/4	31,022	3/4

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NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 NOTE: CAPACITY TABLE APPLIED ONLY TO ULLAGE GAUGES WITH MMC GAUGING DEVICE.
 NOTE: MMC GAUGE POINT LOCATED 9'-10" CENTERLINE AND 25'-6" FORWARD OF AFT BULKHEAD.
 NOTE: CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

DATE STRAPPED: 7/17/86 BY: DR-RL
 DATE COMPUTED: 8/8/86 BY: KS
 DATE ISSUED: 8/8/86

CERTIFIED TANK CALIBRATION, INC.

Dale A. Rose

CAPACITIES GIVEN IN WHOLE GALLONS

GUAGE HEIGHT 15'-11 1/8"

IN	12 FT.	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.
0	30,886	0	22,931	0	15,005	0	7,079	0		0		0		0		0		0	
1/4	30,691	1/4	22,765	1/4	14,840	1/4	6,914	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	30,526	1/2	22,600	1/2	14,675	1/2	6,749	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	30,361	3/4	22,435	3/4	14,510	3/4	6,584	3/4		3/4		3/4		3/4		3/4		3/4	
1	30,196	1	22,270	1	14,345	1	6,419	1		1		1		1		1		1	
1/4	30,031	1/4	22,105	1/4	14,180	1/4	6,254	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	29,866	1/2	21,940	1/2	14,014	1/2	6,089	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	29,701	3/4	21,775	3/4	13,849	3/4	5,923	3/4		3/4		3/4		3/4		3/4		3/4	
1	29,536	1	21,610	1	13,684	1	5,758	1		1		1		1		1		1	
2	29,370	2	21,445	2	13,519	2	5,593	2		2		2		2		2		2	
1/4	29,205	1/4	21,279	1/4	13,354	1/4	5,429	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	29,040	1/2	21,114	1/2	13,189	1/2	5,266	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	28,875	3/4	20,949	3/4	13,024	3/4	5,102	3/4		3/4		3/4		3/4		3/4		3/4	
1	28,710	1	20,784	1	12,859	1	4,938	1		1		1		1		1		1	
1/4	28,545	1/4	20,619	1/4	12,693	1/4	4,774	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	28,380	1/2	20,454	1/2	12,528	1/2	4,611	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	28,215	3/4	20,289	3/4	12,363	3/4	4,447	3/4		3/4		3/4		3/4		3/4		3/4	
1	28,049	1	20,124	1	12,198	1	4,283	1		1		1		1		1		1	
1/4	27,884	1/4	19,959	1/4	12,033	1/4	4,119	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	27,719	1/2	19,793	1/2	11,868	1/2	3,955	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	27,554	3/4	19,628	3/4	11,703	3/4	3,792	3/4		3/4		3/4		3/4		3/4		3/4	
1	27,389	1	19,463	1	11,538	1	3,628	1		1		1		1		1		1	
1/4	27,224	1/4	19,298	1/4	11,372	1/4	3,464	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	27,059	1/2	19,133	1/2	11,207	1/2	3,300	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	26,894	3/4	18,968	3/4	11,042	3/4	3,136	3/4		3/4		3/4		3/4		3/4		3/4	
1	26,728	1	18,803	1	10,877	1	2,973	1		1		1		1		1		1	
1/4	26,563	1/4	18,638	1/4	10,712	1/4	2,809	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	26,398	1/2	18,473	1/2	10,547	1/2	2,645	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	26,233	3/4	18,307	3/4	10,382	3/4	2,481	3/4		3/4		3/4		3/4		3/4		3/4	
1	26,068	1	18,142	1	10,217	1	2,318	1		1		1		1		1		1	
1/4	25,903	1/4	17,977	1/4	10,052	1/4	2,154	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	25,738	1/2	17,812	1/2	9,886	1/2	1,990	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	25,573	3/4	17,647	3/4	9,721	3/4	1,826	3/4		3/4		3/4		3/4		3/4		3/4	
1	25,407	1	17,482	1	9,556	1	1,666	1		1		1		1		1		1	
1/4	25,242	1/4	17,317	1/4	9,391	1/4	1,514	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	25,077	1/2	17,152	1/2	9,226	1/2	1,365	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	24,912	3/4	16,987	3/4	9,061	3/4	1,217	3/4		3/4		3/4		3/4		3/4		3/4	
1	24,747	1	16,821	1	8,896	1	1,076	1		1		1		1		1		1	
1/4	24,582	1/4	16,656	1/4	8,731	1/4	992	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	24,417	1/2	16,491	1/2	8,565	1/2	897	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	24,252	3/4	16,326	3/4	8,400	3/4	721	3/4		3/4		3/4		3/4		3/4		3/4	
1	24,086	1	16,161	1	8,235	1	614	1		1		1		1		1		1	
1/4	23,921	1/4	15,996	1/4	8,070	1/4	523	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	23,756	1/2	15,831	1/2	7,905	1/2	441	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	23,591	3/4	15,666	3/4	7,740	3/4	358	3/4		3/4		3/4		3/4		3/4		3/4	
1	23,426	1	15,500	1	7,575	1	317	1		1		1		1		1		1	
1/4	23,261	1/4	15,335	1/4	7,410	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	23,096	1/2	15,170	1/2	7,244	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

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CERTIFIED TANK CALIBRATION, INC.

DATE STRAPPED: 7/17/86 BY: DR-RL
 DATE COMPUTED: 8/9/86 BY: KS
 DATE ISSUED: 8/9/86

Paul A. Row

3 PORT
ULLAGE TABLE

GAUGE HEIGHT 15'-10 1/4"

2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	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	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	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	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	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	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
102.822	102.822	102.822	102.822	102.822	102.822	102.822	102.822	102.822	102.822	102.822	102.822	102.822	102.822	102.822	102.822	102.822	102.822	102.822	102.822

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 MMC GAUGING DEVICE.
 NOTE: MMC GAUGE POINT LOCATED 14'-0" CENTERLINE AND 25'-0" FORWARD OF AFT BULKHEAD.
 NOTE: CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

DATE STRAPPED: 7/17/86 BY: DR-RL
 DATE COMPUTED: 8/9/86 BY: KS
 DATE ISSUED: 8/9/86

CERTIFIED TANK CALIBRATION, INC.

Dick A. Brown

CAPACITIES GIVEN IN WHOLE GALLONS																			
IN	12 FT.	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.
0	31,021	0	23,044	0	15,104	0	7,125	0		0		0		0		0		0	
1/4	30,855	1/4	22,878	1/4	14,937	1/4	6,960	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	30,689	1/2	22,712	1/2	14,771	1/2	6,793	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	30,523	3/4	22,547	3/4	14,605	3/4	6,627	3/4		3/4		3/4		3/4		3/4		3/4	
1	30,357	1	22,382	1	14,439	1	6,461	1		1		1		1		1		1	
1/4	30,190	1/4	22,217	1/4	14,273	1/4	6,295	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	30,024	1/2	22,051	1/2	14,106	1/2	6,129	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	29,858	3/4	21,886	3/4	13,940	3/4	5,962	3/4		3/4		3/4		3/4		3/4		3/4	
2	29,692	2	21,721	2	13,774	2	5,796	2		2		2		2		2		2	
1/4	29,526	1/4	21,555	1/4	13,608	1/4	5,630	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	29,359	1/2	21,390	1/2	13,442	1/2	5,465	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	29,193	3/4	21,225	3/4	13,275	3/4	5,300	3/4		3/4		3/4		3/4		3/4		3/4	
3	29,027	3	21,060	3	13,109	3	5,135	3		3		3		3		3		3	
1/4	28,861	1/4	20,894	1/4	12,943	1/4	4,971	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	28,695	1/2	20,729	1/2	12,777	1/2	4,806	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	28,528	3/4	20,564	3/4	12,611	3/4	4,641	3/4		3/4		3/4		3/4		3/4		3/4	
4	28,362	4	20,399	4	12,444	4	4,476	4		4		4		4		4		4	
1/4	28,196	1/4	20,233	1/4	12,278	1/4	4,311	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	28,030	1/2	20,068	1/2	12,112	1/2	4,146	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	27,864	3/4	19,903	3/4	11,946	3/4	3,981	3/4		3/4		3/4		3/4		3/4		3/4	
5	27,697	5	19,737	5	11,780	5	3,817	5		5		5		5		5		5	
1/4	27,531	1/4	19,572	1/4	11,613	1/4	3,652	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	27,365	1/2	19,407	1/2	11,447	1/2	3,487	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	27,199	3/4	19,242	3/4	11,281	3/4	3,322	3/4		3/4		3/4		3/4		3/4		3/4	
6	27,033	6	19,076	6	11,115	6	3,157	6		6		6		6		6		6	
1/4	26,866	1/4	18,911	1/4	10,949	1/4	2,992	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	26,700	1/2	18,746	1/2	10,782	1/2	2,827	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	26,534	3/4	18,581	3/4	10,616	3/4	2,662	3/4		3/4		3/4		3/4		3/4		3/4	
7	26,368	7	18,415	7	10,450	7	2,498	7		7		7		7		7		7	
1/4	26,202	1/4	18,250	1/4	10,284	1/4	2,333	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	26,035	1/2	18,085	1/2	10,118	1/2	2,168	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	25,869	3/4	17,920	3/4	9,951	3/4	2,003	3/4		3/4		3/4		3/4		3/4		3/4	
8	25,703	8	17,754	8	9,785	8	1,838	8		8		8		8		8		8	
1/4	25,537	1/4	17,589	1/4	9,619	1/4	1,673	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	25,370	1/2	17,424	1/2	9,453	1/2	1,508	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	25,204	3/4	17,258	3/4	9,287	3/4	1,343	3/4		3/4		3/4		3/4		3/4		3/4	
9	25,038	9	17,093	9	9,120	9	1,178	9		9		9		9		9		9	
1/4	24,872	1/4	16,928	1/4	8,954	1/4	1,013	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	24,706	1/2	16,763	1/2	8,788	1/2	959	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	24,539	3/4	16,597	3/4	8,622	3/4	842	3/4		3/4		3/4		3/4		3/4		3/4	
10	24,373	10	16,432	10	8,455	10	726	10		10		10		10		10		10	
1/4	24,207	1/4	16,267	1/4	8,289	1/4	610	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	24,041	1/2	16,101	1/2	8,123	1/2	494	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	23,875	3/4	15,935	3/4	7,957	3/4	378	3/4		3/4		3/4		3/4		3/4		3/4	
11	23,708	11	15,768	11	7,791	11	262	11		11		11		11		11		11	
1/4	23,542	1/4	15,602	1/4	7,624	1/4	146	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	23,376	1/2	15,436	1/2	7,458	1/2	30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	23,210	3/4	15,270	3/4	7,292	3/4	14	3/4		3/4		3/4		3/4		3/4		3/4	

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CERTIFIED TANK CALIBRATION, INC.

DATE STRAPPED: 7/17/06 BY: DR-RL
 DATE COMPUTED: 8/9/06 BY: KS
 DATE ISSUED: 8/9/06

Paul A. Bar

GAUGE HEIGHT 15' 11 7/8"

CAPACITIES GIVEN IN WHOLE GALLONS

2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4
2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4
3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4
4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2
4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4
5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2
5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4
6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2
6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4
7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2
7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4
8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2
8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4
9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2
9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4
10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2
10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4
11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2
11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12

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 MMC GAUGING DEVICE.
NOTE: MMC GAUGE POINT LOCATED 9' - 10" CENTERLINE AND 25' - 0" FORWARD OF AFT BULKHEAD.
NOTE: CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

CERTIFIED TANK CALIBRATION, INC.

DATE STRAPPED: 7/17/98 BY: DR-RL
DATE COMPUTED: 8/9/98 BY: KS
DATE ISSUED: 8/9/98



CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 15.11 7/8"

IN	12 FT.	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.
0	31,602	0	23,613	0	15,624	0	7,635	0		0		0		0		0		0	
1/4	31,436	1/4	23,447	1/4	15,458	1/4	7,469	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	31,269	1/2	23,280	1/2	15,291	1/2	7,302	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	31,103	3/4	23,114	3/4	15,125	3/4	7,136	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	30,936	1	22,947	1	14,959	1	6,970	1	1	1	1	1	1	1	1	1	1	1	1
1/4	30,770	1/4	22,781	1/4	14,792	1/4	6,803	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	30,604	1/2	22,614	1/2	14,626	1/2	6,637	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	30,437	3/4	22,448	3/4	14,459	3/4	6,470	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	30,271	2	22,282	2	14,293	2	6,304	2	2	2	2	2	2	2	2	2	2	2	2
1/4	30,104	1/4	22,115	1/4	14,126	1/4	6,137	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	29,938	1/2	21,949	1/2	13,960	1/2	5,971	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	29,771	3/4	21,782	3/4	13,794	3/4	5,804	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	29,605	3	21,616	3	13,627	3	5,638	3	3	3	3	3	3	3	3	3	3	3	3
1/4	29,439	1/4	21,449	1/4	13,461	1/4	5,473	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	29,272	1/2	21,283	1/2	13,294	1/2	5,308	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	29,106	3/4	21,117	3/4	13,128	3/4	5,143	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	28,939	4	20,950	4	12,961	4	4,978	4	4	4	4	4	4	4	4	4	4	4	4
1/4	28,773	1/4	20,784	1/4	12,795	1/4	4,813	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	28,606	1/2	20,617	1/2	12,628	1/2	4,647	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	28,440	3/4	20,451	3/4	12,462	3/4	4,482	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	28,273	5	20,284	5	12,296	5	4,317	5	5	5	5	5	5	5	5	5	5	5	5
1/4	28,107	1/4	20,118	1/4	12,129	1/4	4,152	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	27,941	1/2	19,952	1/2	11,963	1/2	3,987	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	27,774	3/4	19,785	3/4	11,796	3/4	3,822	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	27,608	6	19,619	6	11,630	6	3,657	6	6	6	6	6	6	6	6	6	6	6	6
1/4	27,441	1/4	19,452	1/4	11,463	1/4	3,492	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	27,275	1/2	19,286	1/2	11,297	1/2	3,327	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	27,108	3/4	19,119	3/4	11,131	3/4	3,161	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	26,942	7	18,953	7	10,964	7	2,996	7	7	7	7	7	7	7	7	7	7	7	7
1/4	26,775	1/4	18,787	1/4	10,798	1/4	2,831	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	26,609	1/2	18,620	1/2	10,631	1/2	2,666	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	26,443	3/4	18,454	3/4	10,465	3/4	2,501	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	26,276	8	18,287	8	10,298	8	2,336	8	8	8	8	8	8	8	8	8	8	8	8
1/4	26,110	1/4	18,121	1/4	10,132	1/4	2,171	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	25,943	1/2	17,954	1/2	9,965	1/2	2,006	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	25,777	3/4	17,788	3/4	9,799	3/4	1,841	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	25,610	9	17,622	9	9,633	9	1,679	9	9	9	9	9	9	9	9	9	9	9	9
1/4	25,444	1/4	17,455	1/4	9,466	1/4	1,526	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	25,278	1/2	17,289	1/2	9,300	1/2	1,376	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	25,111	3/4	17,122	3/4	9,133	3/4	1,226	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	24,945	10	16,956	10	8,967	10	1,085	10	10	10	10	10	10	10	10	10	10	10	10
1/4	24,778	1/4	16,789	1/4	8,800	1/4	960	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	24,612	1/2	16,623	1/2	8,634	1/2	843	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	24,445	3/4	16,457	3/4	8,468	3/4	727	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	24,279	11	16,290	11	8,301	11	619	11	11	11	11	11	11	11	11	11	11	11	11
1/4	24,112	1/4	16,124	1/4	8,135	1/4	527	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	23,946	1/2	15,957	1/2	7,968	1/2	444	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	23,780	3/4	15,791	3/4	7,802	3/4	361	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
							<u>319</u>												

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.

Bill S. Brown

DATE STRAPPED: 7/17/86 BY: DR-RL
DATE COMPUTED: 8/9/86 BY: KS
DATE ISSUED: 8/9/86

CAPACITIES GIVEN IN WHOLE GALLONS		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	209,432	0	195,460	0	179,337	0	163,214	0	147,092	0	130,969	0	114,846	0	98,724	0	82,601	0	66,478	0
1/4	1/4	209,331	1/4	195,124	1/4	179,001	1/4	162,879	1/4	146,756	1/4	130,633	1/4	114,511	1/4	98,388	1/4	82,265	1/4	66,142	1/4
1/2	1/2	209,231	1/2	194,788	1/2	178,665	1/2	162,543	1/2	146,420	1/2	130,297	1/2	114,175	1/2	98,052	1/2	81,929	1/2	65,799	1/2
3/4	3/4	209,130	3/4	194,452	3/4	178,329	3/4	162,207	3/4	146,084	3/4	129,961	3/4	113,839	3/4	97,716	3/4	81,593	3/4	65,456	3/4
1	1	209,029	1	194,116	1	177,994	1	161,871	1	145,748	1	129,826	1	113,503	1	97,380	1	81,257	1	65,119	1
1/4	1/4	208,861	1/4	193,780	1/4	177,658	1/4	161,535	1/4	145,412	1/4	129,690	1/4	113,167	1/4	97,044	1/4	80,922	1/4	64,782	1/4
1/2	1/2	208,694	1/2	193,445	1/2	177,322	1/2	161,199	1/2	145,076	1/2	128,954	1/2	112,831	1/2	96,708	1/2	80,586	1/2	64,437	1/2
3/4	3/4	208,526	3/4	193,109	3/4	176,986	3/4	160,863	3/4	144,741	3/4	128,618	3/4	112,495	3/4	96,372	3/4	80,250	3/4	64,092	3/4
2	2	208,358	2	192,773	2	176,650	2	160,527	2	144,405	2	128,282	2	112,159	2	96,037	2	79,914	2	63,747	2
1/4	1/4	208,123	1/4	192,437	1/4	176,314	1/4	160,191	1/4	144,069	1/4	127,946	1/4	111,823	1/4	95,701	1/4	79,578	1/4	63,402	1/4
1/2	1/2	207,888	1/2	192,101	1/2	175,978	1/2	159,856	1/2	143,733	1/2	127,610	1/2	111,488	1/2	95,365	1/2	79,242	1/2	63,057	1/2
3/4	3/4	207,653	3/4	191,765	3/4	175,642	3/4	159,520	3/4	143,397	3/4	127,274	3/4	111,152	3/4	95,029	3/4	78,906	3/4	62,712	3/4
3	3	207,417	3	191,429	3	175,306	3	159,184	3	143,061	3	126,938	3	110,816	3	94,693	3	78,570	3	62,367	3
1/4	1/4	207,115	1/4	191,093	1/4	174,971	1/4	158,848	1/4	142,725	1/4	126,603	1/4	110,480	1/4	94,357	1/4	78,234	1/4	62,022	1/4
1/2	1/2	206,813	1/2	190,757	1/2	174,635	1/2	158,512	1/2	142,389	1/2	126,267	1/2	110,144	1/2	94,021	1/2	77,899	1/2	61,677	1/2
3/4	3/4	206,511	3/4	190,421	3/4	174,299	3/4	158,176	3/4	142,053	3/4	125,931	3/4	109,808	3/4	93,685	3/4	77,563	3/4	61,332	3/4
4	4	206,208	4	190,086	4	173,963	4	157,840	4	141,718	4	125,595	4	109,472	4	93,349	4	77,227	4	60,987	4
1/4	1/4	205,872	1/4	189,750	1/4	173,627	1/4	157,504	1/4	141,382	1/4	125,259	1/4	109,136	1/4	93,014	1/4	76,891	1/4	60,642	1/4
1/2	1/2	205,537	1/2	189,414	1/2	173,291	1/2	157,168	1/2	141,046	1/2	124,923	1/2	108,800	1/2	92,678	1/2	76,555	1/2	60,297	1/2
3/4	3/4	205,201	3/4	189,078	3/4	172,955	3/4	156,833	3/4	140,710	3/4	124,587	3/4	108,465	3/4	92,342	3/4	76,219	3/4	59,952	3/4
5	5	204,865	5	188,742	5	172,619	5	156,497	5	140,374	5	124,251	5	108,129	5	92,006	5	75,883	5	59,607	5
1/4	1/4	204,529	1/4	188,406	1/4	172,283	1/4	156,161	1/4	140,038	1/4	123,915	1/4	107,793	1/4	91,670	1/4	75,547	1/4	59,262	1/4
1/2	1/2	204,193	1/2	188,070	1/2	171,948	1/2	155,825	1/2	139,702	1/2	123,580	1/2	107,457	1/2	91,334	1/2	75,211	1/2	58,917	1/2
3/4	3/4	203,857	3/4	187,734	3/4	171,612	3/4	155,489	3/4	139,366	3/4	123,244	3/4	107,121	3/4	90,998	3/4	74,876	3/4	58,572	3/4
6	6	203,521	6	187,398	6	171,276	6	155,153	6	139,030	6	122,908	6	106,785	6	90,662	6	74,530	6	58,227	6
1/4	1/4	203,185	1/4	187,063	1/4	170,940	1/4	154,817	1/4	138,695	1/4	122,572	1/4	106,449	1/4	90,326	1/4	74,184	1/4	57,882	1/4
1/2	1/2	202,849	1/2	186,727	1/2	170,604	1/2	154,481	1/2	138,359	1/2	122,236	1/2	106,113	1/2	89,991	1/2	73,838	1/2	57,537	1/2
3/4	3/4	202,514	3/4	186,391	3/4	170,268	3/4	154,145	3/4	138,023	3/4	121,900	3/4	105,777	3/4	89,655	3/4	73,492	3/4	57,192	3/4
7	7	202,178	7	186,055	7	169,932	7	153,810	7	137,687	7	121,564	7	105,442	7	89,319	7	73,146	7	56,846	7
1/4	1/4	201,842	1/4	185,719	1/4	169,596	1/4	153,474	1/4	137,351	1/4	121,228	1/4	105,106	1/4	88,983	1/4	72,800	1/4	56,501	1/4
1/2	1/2	201,506	1/2	185,383	1/2	169,260	1/2	153,138	1/2	137,015	1/2	120,892	1/2	104,770	1/2	88,647	1/2	72,454	1/2	56,156	1/2
3/4	3/4	201,170	3/4	185,047	3/4	168,925	3/4	152,802	3/4	136,679	3/4	120,557	3/4	104,434	3/4	88,311	3/4	72,108	3/4	55,810	3/4
8	8	200,834	8	184,711	8	168,589	8	152,466	8	136,343	8	120,221	8	104,098	8	87,975	8	71,762	8	55,465	8
1/4	1/4	200,498	1/4	184,375	1/4	168,253	1/4	152,130	1/4	136,007	1/4	119,885	1/4	103,762	1/4	87,639	1/4	71,416	1/4	55,119	1/4
1/2	1/2	200,162	1/2	184,040	1/2	167,917	1/2	151,794	1/2	135,672	1/2	119,549	1/2	103,426	1/2	87,303	1/2	71,070	1/2	54,774	1/2
3/4	3/4	199,826	3/4	183,704	3/4	167,581	3/4	151,458	3/4	135,336	3/4	119,213	3/4	103,090	3/4	86,968	3/4	70,724	3/4	54,429	3/4
9	9	199,491	9	183,368	9	167,245	9	151,122	9	135,000	9	118,877	9	102,754	9	86,632	9	70,379	9	54,084	9
1/4	1/4	199,155	1/4	183,032	1/4	166,909	1/4	150,787	1/4	134,664	1/4	118,541	1/4	102,419	1/4	86,296	1/4	70,033	1/4	53,739	1/4
1/2	1/2	198,819	1/2	182,696	1/2	166,573	1/2	150,451	1/2	134,328	1/2	118,205	1/2	102,082	1/2	85,960	1/2	69,687	1/2	53,394	1/2
3/4	3/4	198,483	3/4	182,360	3/4	166,237	3/4	150,115	3/4	133,992	3/4	117,869	3/4	101,747	3/4	85,624	3/4	69,342	3/4	53,049	3/4
10	10	198,147	10	182,024	10	165,902	10	149,779	10	133,656	10	117,534	10	101,411	10	85,288	10	69,000	10	52,704	10
1/4	1/4	197,811	1/4	181,688	1/4	165,566	1/4	149,443	1/4	133,320	1/4	117,198	1/4	101,075	1/4	84,952	1/4	68,654	1/4	52,359	1/4
1/2	1/2	197,475	1/2	181,352	1/2	165,230	1/2	149,107	1/2	132,984	1/2	116,882	1/2	100,739	1/2	84,616	1/2	68,309	1/2	52,014	1/2
3/4	3/4	197,139	3/4	181,017	3/4	164,894	3/4	148,771	3/4	132,649	3/4	116,526	3/4	100,403	3/4	84,280	3/4	67,964	3/4	51,669	3/4
11	11	196,803	11	180,681	11	164,558	11	148,435	11	132,313	11	116,190	11	100,067	11	83,945	11	67,619	11	51,324	11
1/4	1/4	196,468	1/4	180,345	1/4	164,222	1/4	148,099	1/4	131,977	1/4	115,854	1/4	99,731	1/4	83,609	1/4	67,274	1/4	50,979	1/4
1/2	1/2	196,132	1/2	180,009	1/2	163,886	1/2	147,764	1/2	131,641	1/2	115,518	1/2	99,395	1/2	83,273	1/2	66,929	1/2	50,634	1/2
3/4	3/4	195,796	3/4	179,673	3/4	163,550	3/4	147,428	3/4	131,305	3/4	115,182	3/4	99,060	3/4	82,937	3/4	66,584	3/4	50,289	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

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
NOTE: CAPACITY TABLE APPLIES ONLY TO ULLAGE GAUGES OBTAINED WITH MMC GAUGING DEVICE.
NOTE: MMC GAUGE POINT LOCATED ON CENTERLINE AND 23'-8" FORWARD OF AFT BULKHEAD.
NOTE: CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT

DATE STRAPPED: 7/17/96 BY: DR-RL
DATE RECOMPUTED: 3/10/97 BY: KS
DATE REISSUED: 3/10/97

CERTIFIED TANK CALIBRATION, INC.

Dick A. Row

GAUGE HEIGHT 16'-4"

CAPACITIES GIVEN IN WHOLE GALLONS		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		20 FT.		21 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	66,478	0	50,356	0	34,233	0	18,110	0	2,160	0	1,924	0	1,689	0	1,454	0	1,219	0	984	0	749
1/4	66,142	1/4	50,020	1/4	33,897	1/4	17,774	1/4	1,774	1/4	1,538	1/4	1,303	1/4	1,068	1/4	833	1/4	598	1/4	363
1/2	65,807	1/2	49,684	1/2	33,561	1/2	17,439	1/2	1,439	1/2	1,203	1/2	968	1/2	733	1/2	498	1/2	263	1/2	128
3/4	65,471	3/4	49,348	3/4	33,225	3/4	17,103	3/4	1,103	3/4	883	3/4	716	3/4	548	3/4	380	3/4	214	3/4	80
1	65,135	1	49,012	1	32,889	1	16,767	1	1,007	1	883	1	716	1	548	1	380	1	214	1	80
1/4	64,799	1/4	48,676	1/4	32,554	1/4	16,431	1/4	982	1/4	867	1/4	700	1/4	532	1/4	364	1/4	199	1/4	64
1/2	64,463	1/2	48,340	1/2	32,218	1/2	16,095	1/2	957	1/2	862	1/2	695	1/2	527	1/2	359	1/2	189	1/2	54
3/4	64,127	3/4	48,004	3/4	31,882	3/4	15,759	3/4	952	3/4	867	3/4	690	3/4	522	3/4	354	3/4	184	3/4	49
2	63,791	2	47,669	2	31,546	2	15,423	2	947	2	862	2	685	2	517	2	349	2	179	2	44
1/4	63,455	1/4	47,333	1/4	31,210	1/4	15,087	1/4	942	1/4	867	1/4	680	1/4	512	1/4	344	1/4	174	1/4	39
1/2	63,119	1/2	46,997	1/2	30,874	1/2	14,751	1/2	937	1/2	862	1/2	675	1/2	507	1/2	339	1/2	169	1/2	34
3/4	62,784	3/4	46,661	3/4	30,538	3/4	14,416	3/4	932	3/4	867	3/4	670	3/4	502	3/4	334	3/4	164	3/4	29
3	62,448	3	46,325	3	30,202	3	14,080	3	927	3	862	3	665	3	497	3	329	3	159	3	24
1/4	62,112	1/4	45,989	1/4	29,866	1/4	13,744	1/4	922	1/4	867	1/4	660	1/4	492	1/4	324	1/4	154	1/4	19
1/2	61,776	1/2	45,653	1/2	29,531	1/2	13,408	1/2	917	1/2	862	1/2	655	1/2	487	1/2	319	1/2	149	1/2	14
3/4	61,440	3/4	45,317	3/4	29,195	3/4	13,072	3/4	912	3/4	867	3/4	650	3/4	482	3/4	314	3/4	144	3/4	9
4	61,104	4	44,981	4	28,859	4	12,736	4	907	4	862	4	645	4	477	4	309	4	139	4	4
1/4	60,768	1/4	44,646	1/4	28,523	1/4	12,400	1/4	902	1/4	867	1/4	640	1/4	472	1/4	304	1/4	134	1/4	-1
1/2	60,432	1/2	44,310	1/2	28,187	1/2	12,064	1/2	897	1/2	862	1/2	635	1/2	467	1/2	299	1/2	129	1/2	-6
3/4	60,096	3/4	43,974	3/4	27,851	3/4	11,728	3/4	892	3/4	867	3/4	630	3/4	462	3/4	294	3/4	124	3/4	-11
5	59,761	5	43,638	5	27,515	5	11,393	5	887	5	862	5	625	5	457	5	289	5	119	5	-16
1/4	59,425	1/4	43,302	1/4	27,179	1/4	11,058	1/4	882	1/4	867	1/4	620	1/4	452	1/4	284	1/4	114	1/4	-21
1/2	59,089	1/2	42,966	1/2	26,843	1/2	10,724	1/2	877	1/2	862	1/2	615	1/2	447	1/2	279	1/2	109	1/2	-26
3/4	58,753	3/4	42,630	3/4	26,508	3/4	10,390	3/4	872	3/4	867	3/4	610	3/4	442	3/4	274	3/4	104	3/4	-31
6	58,417	6	42,294	6	26,172	6	10,055	6	867	6	862	6	605	6	437	6	269	6	99	6	-36
1/4	58,081	1/4	41,958	1/4	25,836	1/4	9,721	1/4	862	1/4	867	1/4	600	1/4	432	1/4	264	1/4	94	1/4	-41
1/2	57,745	1/2	41,623	1/2	25,500	1/2	9,387	1/2	857	1/2	862	1/2	595	1/2	427	1/2	259	1/2	89	1/2	-46
3/4	57,409	3/4	41,287	3/4	25,164	3/4	9,052	3/4	852	3/4	867	3/4	590	3/4	422	3/4	254	3/4	84	3/4	-51
7	57,073	7	40,951	7	24,828	7	8,718	7	847	7	862	7	585	7	417	7	249	7	79	7	-56
1/4	56,738	1/4	40,615	1/4	24,492	1/4	8,384	1/4	842	1/4	867	1/4	580	1/4	412	1/4	244	1/4	74	1/4	-61
1/2	56,402	1/2	40,279	1/2	24,156	1/2	8,049	1/2	837	1/2	862	1/2	575	1/2	407	1/2	239	1/2	69	1/2	-66
3/4	56,066	3/4	39,943	3/4	23,820	3/4	7,715	3/4	832	3/4	867	3/4	570	3/4	402	3/4	234	3/4	64	3/4	-71
8	55,730	8	39,607	8	23,485	8	7,381	8	827	8	862	8	565	8	397	8	229	8	59	8	-76
1/4	55,394	1/4	39,271	1/4	23,149	1/4	7,046	1/4	822	1/4	867	1/4	560	1/4	392	1/4	224	1/4	54	1/4	-81
1/2	55,058	1/2	38,935	1/2	22,813	1/2	6,712	1/2	817	1/2	862	1/2	555	1/2	387	1/2	219	1/2	49	1/2	-86
3/4	54,722	3/4	38,600	3/4	22,477	3/4	6,378	3/4	812	3/4	867	3/4	550	3/4	382	3/4	214	3/4	44	3/4	-91
9	54,386	9	38,264	9	22,141	9	6,043	9	807	9	862	9	545	9	377	9	209	9	39	9	-96
1/4	54,050	1/4	37,928	1/4	21,805	1/4	5,709	1/4	802	1/4	867	1/4	540	1/4	372	1/4	204	1/4	34	1/4	-101
1/2	53,715	1/2	37,592	1/2	21,469	1/2	5,375	1/2	797	1/2	862	1/2	535	1/2	367	1/2	199	1/2	29	1/2	-106
3/4	53,379	3/4	37,256	3/4	21,133	3/4	5,040	3/4	792	3/4	867	3/4	530	3/4	362	3/4	194	3/4	24	3/4	-111
10	53,043	10	36,920	10	20,797	10	4,706	10	787	10	862	10	525	10	357	10	189	10	19	10	-116
1/4	52,707	1/4	36,584	1/4	20,462	1/4	4,372	1/4	782	1/4	867	1/4	520	1/4	352	1/4	184	1/4	14	1/4	-121
1/2	52,371	1/2	36,248	1/2	20,126	1/2	4,037	1/2	777	1/2	862	1/2	515	1/2	347	1/2	179	1/2	9	1/2	-126
3/4	52,035	3/4	35,912	3/4	19,790	3/4	3,703	3/4	772	3/4	867	3/4	510	3/4	342	3/4	174	3/4	4	3/4	-131
11	51,699	11	35,577	11	19,454	11	3,369	11	767	11	862	11	505	11	337	11	169	11	-1	11	-136
1/4	51,363	1/4	35,241	1/4	19,118	1/4	3,035	1/4	762	1/4	867	1/4	500	1/4	332	1/4	164	1/4	-6	1/4	-141
1/2	51,027	1/2	34,905	1/2	18,782	1/2	2,701	1/2	757	1/2	862	1/2	495	1/2	327	1/2	159	1/2	-11	1/2	-146
3/4	50,692	3/4	34,569	3/4	18,446	3/4	2,367	3/4	752	3/4	867	3/4	490	3/4	322	3/4	154	3/4	-16	3/4	-151

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CERTIFIED TANK CALIBRATION, INC.

Bill A. Rose

DATE STRAPPED: 7/17/96 BY: DR-RL
 DATE RECOMPUTED: 3/10/97 BY: KS
 DATE REISSUED: 3/10/97