

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	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N
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	176,907	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	69,565	3/4	56,016	3/4	42,468
1	176,687	1	164,132	1	150,592	1	137,033	1	123,463	1	109,933	1	96,383	1	82,833	1	69,283	1	55,734	1	42,180
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	41,860
1/2	176,447	1/2	163,569	1/2	149,918	1/2	136,468	1/2	122,958	1/2	109,368	1/2	95,818	1/2	82,268	1/2	68,718	1/2	55,169	1/2	41,570
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	82,036	3/4	68,437	3/4	54,805	3/4	41,272
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	54,505	2	41,000
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	94,971	1/4	81,401	1/4	67,851	1/4	54,222	1/4	40,742
1/2	175,741	1/2	162,438	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	53,958	1/2	40,454
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	53,758	3/4	40,206
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	40,000
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	80,283	1/4	66,743	1/4	53,193	1/4	39,752
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	52,911	1/2	39,504
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	52,629	3/4	39,256
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	52,346	4	39,000
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	52,064	1/4	38,752
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	78,861	1/2	65,331	1/2	51,782	1/2	38,504
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	78,581	3/4	65,049	3/4	51,499	3/4	38,256
5	173,164	5	159,616	5	145,066	5	132,516	5	118,966	5	105,416	5	91,866	5	78,317	5	64,767	5	51,217	5	38,000
1/4	172,882	1/4	159,333	1/4	144,783	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	50,935	1/4	37,752
1/2	172,601	1/2	159,051	1/2	144,501	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	50,653	1/2	37,504
3/4	172,318	3/4	158,769	3/4	144,219	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	50,370	3/4	37,256
6	172,036	6	158,486	6	143,937	6	131,387	6	117,837	6	104,287	6	90,737	6	77,187	6	63,638	6	50,088	6	37,000
1/4	171,754	1/4	158,204	1/4	143,654	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	36,752
1/2	171,472	1/2	157,922	1/2	143,372	1/2	130,822	1/2	117,272	1/2	103,722	1/2	90,173	1/2	76,623	1/2	63,073	1/2	49,524	1/2	36,504
3/4	171,189	3/4	157,640	3/4	143,090	3/4	130,540	3/4	116,990	3/4	103,440	3/4	89,890	3/4	76,341	3/4	62,741	3/4	49,241	3/4	36,256
7	170,907	7	157,357	7	142,807	7	130,258	7	116,708	7	103,158	7	89,608	7	76,058	7	62,509	7	48,959	7	36,000
1/4	170,625	1/4	157,075	1/4	142,525	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	35,752
1/2	170,342	1/2	156,793	1/2	142,243	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	35,504
3/4	170,060	3/4	156,510	3/4	141,961	3/4	129,411	3/4	115,861	3/4	102,311	3/4	88,751	3/4	75,212	3/4	61,662	3/4	48,112	3/4	35,256
8	169,778	8	156,228	8	141,678	8	129,128	8	115,578	8	102,029	8	88,479	8	74,929	8	61,379	8	47,830	8	35,000
1/4	169,496	1/4	155,946	1/4	141,396	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	34,752
1/2	169,213	1/2	155,663	1/2	141,114	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	34,504
3/4	168,931	3/4	155,381	3/4	140,831	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	34,256
9	168,649	9	155,099	9	140,549	9	127,999	9	114,449	9	100,900	9	87,350	9	73,800	9	60,250	9	46,700	9	34,000
1/4	168,366	1/4	154,817	1/4	140,267	1/4	127,717	1/4	114,167	1/4	100,617	1/4	87,069	1/4	73,518	1/4	59,989	1/4	45,418	1/4	33,752
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	59,698	1/2	45,136	1/2	33,504
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	59,403	3/4	45,854	3/4	33,256
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	59,121	10	45,571	10	33,000
1/4	167,237	1/4	153,687	1/4	140,138	1/4	126,588	1/4	113,038	1/4	99,488	1/4	85,938	1/4	72,388	1/4	58,839	1/4	45,289	1/4	32,752
1/2	166,955	1/2	153,405	1/2	139,855	1/2	126,305	1/2	112,756	1/2	99,206	1/2	85,656	1/2	72,106	1/2	58,557	1/2	45,007	1/2	32,504
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	58,274	3/4	44,724	3/4	32,256
11	166,390	11	152,841	11	139,291	11	125,741	11	112,191	11	98,641	11	85,082	11	71,541	11	57,941	11	44,442	11	32,000
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	84,809	1/4	71,259	1/4	57,661	1/4	44,160	1/4	31,752
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	57,381	1/2	43,878	1/2	31,504
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	57,105	3/4	43,595	3/4	31,256

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" 11" 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

CERTIFIED TANK CALIBRATION, INC.

Paul

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	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
1/2	37,103	1/2	23,553	1/2	10,003	1/2	5	1/2	5	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	5	3/4	5	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	5	6	5	6	6	6	6	6	6	6	6	6	6	6	6
1/4	36,256	1/4	22,706	1/4	9,158	1/4	5	1/4	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
1/2	35,974	1/2	22,424	1/2	8,877	1/2	5	1/2	5	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	5	3/4	5	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	5	7	5	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	5	1/4	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
1/2	34,844	1/2	21,295	1/2	7,753	1/2	5	1/2	5	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	5	3/4	5	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	5	8	5	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	5	1/4	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
1/2	33,715	1/2	20,165	1/2	6,629	1/2	5	1/2	5	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	5	3/4	5	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	5	9	5	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	5	1/4	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
1/2	32,586	1/2	19,036	1/2	5,506	1/2	5	1/2	5	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	5	3/4	5	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	5	10	5	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	5	1/4	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
1/2	31,457	1/2	17,907	1/2	4,382	1/2	5	1/2	5	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	5	3/4	5	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	5	11	5	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	5	1/4	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
1/2	30,328	1/2	16,778	1/2	3,258	1/2	5	1/2	5	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	2,978	3/4	5	3/4	5	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: 5/1/84 BY: KS-KH
 DATE COMPUTED: 5/13/84 BY: KS
 DATE ISSUED: 5/13/84

CERTIFIED TANK CALIBRATION, INC.

Bill A. Row

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	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	0	20,237	0
1/4	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	33,825	1/4	26,960	1/4	20,094	1/4
1/2	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	33,663	1/2	26,795	1/2	19,929	1/2
3/4	3/4	88,448	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	3/4
1	1	89,312	1	81,457	1	74,551	1	67,626	1	60,860	1	53,994	1	47,128	1	40,262	1	33,397	1	26,528	1
1/4	1/4	89,176	1/4	81,314	1/4	74,448	1/4	67,583	1/4	60,717	1/4	53,951	1/4	47,052	1/4	40,116	1/4	33,254	1/4	26,388	1/4
1/2	1/2	89,034	1/2	81,171	1/2	74,305	1/2	67,439	1/2	60,574	1/2	53,708	1/2	46,942	1/2	40,012	1/2	33,110	1/2	26,245	1/2
3/4	3/4	87,982	3/4	81,028	3/4	74,152	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	3/4
1	1	87,750	1	80,885	1	74,019	1	67,153	1	60,298	1	53,422	1	46,556	1	39,690	1	32,824	1	25,959	1
1/4	1/4	87,608	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	1/4
1/2	1/2	87,465	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	1/2
3/4	3/4	87,322	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	3/4
1	1	87,179	1	80,313	1	73,447	1	66,581	1	59,715	1	52,850	1	45,994	1	39,118	1	32,252	1	25,386	1
1/4	1/4	87,036	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	1/4
1/2	1/2	86,893	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	1/2
3/4	3/4	86,750	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	3/4
1	1	86,607	1	79,741	1	72,875	1	66,009	1	59,143	1	52,278	1	45,412	1	38,546	1	31,680	1	24,814	1
1/4	1/4	86,463	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	1/4
1/2	1/2	86,320	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	1/2
3/4	3/4	86,177	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	3/4
1	1	86,034	1	79,169	1	72,303	1	65,437	1	58,571	1	51,705	1	44,840	1	37,974	1	31,108	1	24,242	1
1/4	1/4	85,891	1/4	79,026	1/4	72,160	1/4	65,291	1/4	58,428	1/4	51,562	1/4	44,697	1/4	37,831	1/4	30,965	1/4	24,099	1/4
1/2	1/2	85,748	1/2	78,882	1/2	72,017	1/2	65,151	1/2	58,285	1/2	51,415	1/2	44,556	1/2	37,688	1/2	30,822	1/2	23,956	1/2
3/4	3/4	85,605	3/4	78,739	3/4	71,874	3/4	65,009	3/4	58,142	3/4	51,276	3/4	44,410	3/4	37,545	3/4	30,679	3/4	23,813	3/4
1	1	85,462	1	78,596	1	71,731	1	64,865	1	57,989	1	51,133	1	44,267	1	37,402	1	30,536	1	23,670	1
1/4	1/4	85,319	1/4	78,453	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	1/4
1/2	1/2	85,176	1/2	78,310	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	1/2
3/4	3/4	85,033	3/4	78,167	3/4	71,302	3/4	64,436	3/4	57,570	3/4	50,704	3/4	43,838	3/4	36,972	3/4	30,107	3/4	23,241	3/4
1	1	84,890	1	78,024	1	71,158	1	64,293	1	57,427	1	50,561	1	43,695	1	36,829	1	30,000	1	23,098	1
1/4	1/4	84,747	1/4	77,881	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	29,851	1/4	22,955	1/4
1/2	1/2	84,604	1/2	77,738	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	29,708	1/2	22,812	1/2
3/4	3/4	84,461	3/4	77,595	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	29,565	3/4	22,669	3/4
1	1	84,318	1	77,452	1	70,586	1	63,721	1	56,855	1	49,989	1	43,123	1	36,257	1	29,419	1	22,526	1
1/4	1/4	84,175	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	29,274	1/4	22,383	1/4
1/2	1/2	84,032	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	29,127	1/2	22,240	1/2
3/4	3/4	83,889	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	28,982	3/4	22,097	3/4
1	1	83,746	1	76,880	1	70,014	1	63,148	1	56,283	1	49,417	1	42,551	1	35,685	1	28,839	1	21,954	1
1/4	1/4	83,603	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	28,696	1/4	21,811	1/4
1/2	1/2	83,460	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	28,553	1/2	21,667	1/2
3/4	3/4	83,317	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	28,410	3/4	21,524	3/4
1	1	83,174	1	76,308	1	69,442	1	62,576	1	55,710	1	48,845	1	41,979	1	35,113	1	28,267	1	21,381	1
1/4	1/4	83,031	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	28,124	1/4	21,238	1/4
1/2	1/2	82,888	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	27,981	1/2	21,095	1/2
3/4	3/4	82,745	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	27,841	3/4	20,952	3/4
1	1	82,601	1	75,736	1	68,870	1	62,004	1	55,136	1	48,272	1	41,407	1	34,541	1	27,698	1	20,809	1
1/4	1/4	82,458	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	27,552	1/4	20,666	1/4
1/2	1/2	82,315	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	27,409	1/2	20,523	1/2
3/4	3/4	82,172	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	27,266	3/4	20,380	3/4

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	1/4	1/4	1/4	1/4	1/4	1/4
1/2	19,961	1/2	13,085	1/2	6,219	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	19,808	3/4	12,942	3/4	6,076	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	19,665	1	12,799	1	5,933	1	1	1	1	1	1	1
1/4	19,522	1/4	12,656	1/4	5,790	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	19,379	1/2	12,513	1/2	5,647	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	19,236	3/4	12,370	3/4	5,504	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	19,093	2	12,227	2	5,361	2	2	2	2	2	2	2
1/4	18,950	1/4	12,084	1/4	5,218	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	18,807	1/2	11,941	1/2	5,075	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	18,664	3/4	11,798	3/4	4,933	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	18,521	3	11,655	3	4,790	3	3	3	3	3	3	3
1/4	18,378	1/4	11,512	1/4	4,647	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	18,235	1/2	11,369	1/2	4,505	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	18,092	3/4	11,226	3/4	4,362	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	17,948	4	11,083	4	4,220	4	4	4	4	4	4	4
1/4	17,805	1/4	10,940	1/4	4,078	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	17,662	1/2	10,797	1/2	3,935	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	17,519	3/4	10,654	3/4	3,793	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	17,376	5	10,511	5	3,650	5	5	5	5	5	5	5
1/4	17,233	1/4	10,367	1/4	3,508	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	17,090	1/2	10,224	1/2	3,366	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	16,947	3/4	10,081	3/4	3,223	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	16,804	6	9,938	6	3,081	6	6	6	6	6	6	6
1/4	16,661	1/4	9,795	1/4	2,939	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	16,518	1/2	9,652	1/2	2,796	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	16,375	3/4	9,509	3/4	2,654	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	16,232	7	9,366	7	2,512	7	7	7	7	7	7	7
1/4	16,089	1/4	9,223	1/4	2,369	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	15,946	1/2	9,080	1/2	2,227	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	15,803	3/4	8,937	3/4	2,085	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	15,660	8	8,794	8	1,942	8	8	8	8	8	8	8
1/4	15,517	1/4	8,651	1/4	1,800	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	15,374	1/2	8,508	1/2	1,658	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	15,231	3/4	8,365	3/4	1,527	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	15,088	9	8,222	9	1,391	9	9	9	9	9	9	9
1/4	14,945	1/4	8,079	1/4	1,254	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	14,802	1/2	7,936	1/2	1,137	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	14,659	3/4	7,793	3/4	1,020	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	14,516	10	7,650	10	903	10	10	10	10	10	10	10
1/4	14,373	1/4	7,507	1/4	786	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	14,230	1/2	7,364	1/2	697	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	14,086	3/4	7,221	3/4	607	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	13,943	11	7,078	11	518	11	11	11	11	11	11	11
1/4	13,800	1/4	6,935	1/4	428	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	13,657	1/2	6,792	1/2	385	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	13,514	3/4	6,649	3/4	342	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: 5/11/84 BY: KS,KH
 DATE COMPUTED: 5/13/84 BY: KS
 DATE ISSUED: 5/13/84/84

CERTIFIED TANK CALIBRATION, INC.

Bill A. 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	20,820
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	34,835	1/4	27,773	1/4	20,717
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	34,684	1/2	27,624	1/2	20,568
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	34,537	3/4	27,475	3/4	20,420
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	34,390	1	27,326	1	20,272
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	34,243	1/4	27,179	1/4	20,124
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	34,095	1/2	27,032	1/2	19,977
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	26,884	3/4	19,829
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	26,737	1	19,681
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	26,590	1/4	19,533
1/2	89,987	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	26,443	1/2	19,385
3/4	89,840	3/4	82,776	3/4	75,712	3/4	68,649	3/4	61,585	3/4	54,521	3/4	47,457	3/4	40,393	3/4	33,330	3/4	26,296	3/4	19,237
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	26,149	1	19,089
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	26,002	1/4	18,941
1/2	89,399	1/2	82,335	1/2	75,271	1/2	68,207	1/2	61,149	1/2	54,080	1/2	47,016	1/2	39,952	1/2	32,888	1/2	25,854	1/2	18,793
3/4	89,251	3/4	82,188	3/4	75,124	3/4	68,060	3/4	60,995	3/4	53,932	3/4	46,869	3/4	39,805	3/4	32,741	3/4	25,707	3/4	18,645
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	25,560	1	18,497
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	25,413	1/4	18,349
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	25,266	1/2	18,201
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	18,053
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	32,005	1	24,941	1	17,905
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	17,757
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	17,609
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	17,461
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	17,313
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	17,165
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	17,017
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	16,869
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	16,721
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	16,573
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	16,425
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	16,277
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	16,129
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	15,981
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	15,833
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	15,685
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	15,537
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	15,389
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	15,241
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	15,093
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	14,945
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	14,797
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	14,649
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 COMPUTED 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.

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DATE ISSUED: 5/13/04

CERTIFIED TANK CALIBRATION, INC.
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DATE STRAPPED: 5/11/04 BY: KS-KH
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CERTIFIED TANK CALIBRATION, INC.
CERTIFIED TANK CALIBRATION, INC.

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-0 5/8"

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

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CERTIFIED TANK CALIBRATION, INC.

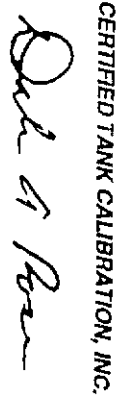
Bill G. Rose

CAPACITIES GIVEN IN WHOLE GALLONS												GAUGE HEIGHT 16.034"						
	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	10 FT.	11 FT.	12 FT.								
0	0	85,233	0	79,167	0	71,101	0	64,035	0	56,969	0	49,902	0	42,836	0	35,770	0	28,704
1/4	1/4	91,887	1/4	85,086	1/4	79,020	1/4	73,867	1/4	68,714	1/4	63,561	1/4	58,408	1/4	53,255	1/4	48,102
1/2	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
3/4	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
1	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
1/4	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
1/2	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
3/4	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
2	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
1/4	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
1/2	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
3/4	3/4	90,740	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	3	90,533	3	83,467	3	76,401	3	69,334	3	62,259	3	55,202	3	48,136	3	41,070	3	34,003
1/4	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
1/2	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
3/4	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
4	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
1/4	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
1/2	1/2	89,650	1/2	82,583	1/2	75,517	1/2	68,451	1/2	61,391	1/2	54,319	1/2	47,252	1/2	40,186	1/2	33,120
3/4	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
5	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
1/4	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
1/2	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
3/4	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
6	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
1/4	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
1/2	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
3/4	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
7	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
1/4	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
1/2	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
3/4	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
8	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
1/4	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
1/2	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
3/4	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
9	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
1/4	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
1/2	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
3/4	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
10	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
1/4	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
1/2	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
3/4	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
11	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
1/4	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
1/2	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
3/4	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

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 NOTE: CAPACITY TABLE APPLIES ONLY TO ULLAGE GAUGES OBTAINED WITH TANC-C 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.


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	21,638	0	14,571	0	7,505	0	661	0	579	0	485	0	396	0	311	0	227	0	143	0	59
1/4	21,490	1/4	14,424	1/4	7,358	1/4	532	1/4	448	1/4	364	1/4	280	1/4	196	1/4	112	1/4	28	1/4	14
1/2	21,343	1/2	14,277	1/2	7,211	1/2	395	1/2	311	1/2	227	1/2	143	1/2	59	1/2	14	1/2	7	1/2	3
3/4	21,196	3/4	14,130	3/4	7,063	3/4	258	3/4	170	3/4	82	3/4	4	3/4	0	3/4	0	3/4	0	3/4	0
1	21,049	1	13,982	1	6,916	1	113	1	23	1	0	1	0	1	0	1	0	1	0	1	0
1/4	20,901	1/4	13,835	1/4	6,769	1/4	88	1/4	14	1/4	5	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	20,754	1/2	13,688	1/2	6,622	1/2	43	1/2	0	1/2	0	1/2	0	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	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
2	20,460	2	13,394	2	6,327	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0
1/4	20,313	1/4	13,246	1/4	6,180	1/4	0	1/4	0	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	0	1/2	0	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	0	3/4	0	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	0	3	0	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	0	1/4	0	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	0	1/2	0	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	0	3/4	0	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	0	4	0	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	0	1/4	0	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	0	1/2	0	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	0	3/4	0	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	0	5	0	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	0	1/4	0	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	0	1/2	0	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	0	3/4	0	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	0	6	0	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	0	1/4	0	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	0	1/2	0	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	0	3/4	0	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	0	7	0	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	0	1/4	0	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	0	1/2	0	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	0	3/4	0	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	0	8	0	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	0	1/4	0	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	0	1/2	0	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	0	3/4	0	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	0	9	0	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	0	1/4	0	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	0	1/2	0	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	0	3/4	0	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	0	10	0	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	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	15,455	1/2	8,398	1/2	1,360	1/2	0	1/2	0	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	0	3/4	0	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	0	11	0	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	0	1/4	0	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	0	1/2	0	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	0	3/4	0	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.

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. Brown

CAPACITIES GIVEN IN WHOLE GALLONS

IN	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	10 FT.	11 FT.	12 FT.
0	0	81,804	74,963	0	68,122	0	61,281	0	54,440	0
3/8	88,388	1/4	81,661	1/4	74,820	1/4	67,979	1/4	61,138	1/4
1/2	88,331	1/2	81,519	1/2	74,678	1/2	67,837	1/2	60,996	1/2
3/4	88,196	3/4	81,376	3/4	74,535	3/4	67,694	3/4	60,853	3/4
1	88,060	1	81,234	1	74,393	1	67,552	1	60,711	1
1/4	87,925	1/4	81,091	1/4	74,250	1/4	67,409	1/4	60,568	1/4
1/2	87,790	1/2	80,949	1/2	74,108	1/2	67,267	1/2	60,426	1/2
3/4	87,647	3/4	80,806	3/4	73,965	3/4	67,124	3/4	60,283	3/4
2	87,505	2	80,664	2	73,823	2	66,982	2	60,141	2
1/4	87,362	1/4	80,521	1/4	73,680	1/4	66,839	1/4	59,998	1/4
1/2	87,220	1/2	80,379	1/2	73,538	1/2	66,697	1/2	59,856	1/2
3/4	87,077	3/4	80,236	3/4	73,395	3/4	66,554	3/4	59,713	3/4
3	86,935	3	80,094	3	73,253	3	66,412	3	59,571	3
1/4	86,792	1/4	79,951	1/4	73,110	1/4	66,269	1/4	59,428	1/4
1/2	86,649	1/2	79,809	1/2	72,968	1/2	66,127	1/2	59,286	1/2
3/4	86,507	3/4	79,666	3/4	72,825	3/4	65,984	3/4	59,143	3/4
4	86,364	4	79,523	4	72,683	4	65,842	4	59,001	4
1/4	86,222	1/4	79,381	1/4	72,540	1/4	65,699	1/4	58,858	1/4
1/2	86,079	1/2	79,238	1/2	72,397	1/2	65,557	1/2	58,716	1/2
3/4	85,937	3/4	79,096	3/4	72,255	3/4	65,414	3/4	58,573	3/4
5	85,794	5	78,953	5	72,112	5	65,271	5	58,431	5
1/4	85,652	1/4	78,811	1/4	71,970	1/4	65,129	1/4	58,288	1/4
1/2	85,509	1/2	78,668	1/2	71,827	1/2	64,986	1/2	58,145	1/2
3/4	85,367	3/4	78,526	3/4	71,685	3/4	64,844	3/4	58,003	3/4
6	85,224	6	78,383	6	71,542	6	64,701	6	57,860	6
1/4	85,082	1/4	78,241	1/4	71,400	1/4	64,559	1/4	57,718	1/4
1/2	84,939	1/2	78,098	1/2	71,257	1/2	64,416	1/2	57,575	1/2
3/4	84,797	3/4	77,956	3/4	71,115	3/4	64,274	3/4	57,433	3/4
7	84,654	7	77,813	7	70,972	7	64,131	7	57,290	7
1/4	84,512	1/4	77,671	1/4	70,830	1/4	63,989	1/4	57,148	1/4
1/2	84,369	1/2	77,528	1/2	70,687	1/2	63,846	1/2	57,005	1/2
3/4	84,227	3/4	77,386	3/4	70,545	3/4	63,704	3/4	56,863	3/4
8	84,084	8	77,243	8	70,402	8	63,561	8	56,720	8
1/4	83,942	1/4	77,101	1/4	70,260	1/4	63,419	1/4	56,578	1/4
1/2	83,799	1/2	76,958	1/2	70,117	1/2	63,276	1/2	56,435	1/2
3/4	83,657	3/4	76,816	3/4	69,975	3/4	63,134	3/4	56,293	3/4
9	83,514	9	76,673	9	69,832	9	62,991	9	56,150	9
1/4	83,372	1/4	76,531	1/4	69,690	1/4	62,849	1/4	56,008	1/4
1/2	83,229	1/2	76,388	1/2	69,547	1/2	62,706	1/2	55,865	1/2
3/4	83,086	3/4	76,246	3/4	69,405	3/4	62,564	3/4	55,723	3/4
10	82,944	10	76,103	10	69,262	10	62,421	10	55,580	10
1/4	82,801	1/4	75,960	1/4	69,120	1/4	62,279	1/4	55,438	1/4
1/2	82,659	1/2	75,818	1/2	68,977	1/2	62,136	1/2	55,295	1/2
3/4	82,516	3/4	75,675	3/4	68,834	3/4	61,994	3/4	55,153	3/4
11	82,374	11	75,533	11	68,692	11	61,851	11	55,010	11
1/4	82,231	1/4	75,390	1/4	68,549	1/4	61,708	1/4	54,867	1/4
1/2	82,089	1/2	75,248	1/2	68,407	1/2	61,566	1/2	54,725	1/2
3/4	81,946	3/4	75,105	3/4	68,264	3/4	61,423	3/4	54,582	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 MPM'S CHAPTER 2.7.
 NOTE: CAPACITY TABLE APPLIES ONLY TO ULLAGE GAUGES OBTAINED WITH TANK-CALIBRATING DEVICE.
 LOCATED 13'-3" OFF CENTERLINE AND 21'-3" 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 A. Rose

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	FR	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR
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	2,149	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	15,390	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	14,392	1/4	7,551	1/4	840	1/4														
1/2	14,249	1/2	7,408	1/2	726	1/2														
3/4	14,107	3/4	7,266	3/4	641	3/4														
11	13,964	11	7,123	11	555	11														
1/4	13,822	1/4	6,981	1/4	470	1/4														
1/2	13,679	1/2	6,838	1/2	384	1/2														
3/4	13,537	3/4	6,696	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: 5/13/04/04

CERTIFIED TANK CALIBRATION, INC.

Dale A. Row

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	42,583
1/2	172,884	1/2	161,830	1/2	148,596	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	42,514
3/4	172,815	3/4	161,765	3/4	148,530	3/4	134,885	3/4	121,651	3/4	108,415	3/4	95,180	3/4	81,946	3/4	68,711	3/4	55,479	3/4	42,449
1	172,746	1	161,696	1	148,464	1	134,819	1	121,585	1	108,349	1	95,114	1	81,880	1	68,645	1	55,415	1	42,385
1/4	172,677	1/4	161,627	1/4	148,395	1/4	134,753	1/4	121,516	1/4	108,283	1/4	95,048	1/4	81,811	1/4	68,576	1/4	55,381	1/4	42,321
1/2	172,608	1/2	161,558	1/2	148,326	1/2	134,687	1/2	121,447	1/2	108,217	1/2	94,981	1/2	81,742	1/2	68,507	1/2	55,347	1/2	42,257
3/4	172,539	3/4	161,489	3/4	148,257	3/4	134,621	3/4	121,378	3/4	108,151	3/4	94,915	3/4	81,673	3/4	68,438	3/4	55,313	3/4	42,193
1	172,470	1	161,420	1	148,188	1	134,555	1	121,309	1	108,085	1	94,849	1	81,604	1	68,369	1	55,279	1	42,129
1/4	172,401	1/4	161,351	1/4	148,119	1/4	134,489	1/4	121,240	1/4	108,019	1/4	94,783	1/4	81,535	1/4	68,300	1/4	55,245	1/4	42,065
1/2	172,332	1/2	161,282	1/2	148,050	1/2	134,423	1/2	121,171	1/2	107,953	1/2	94,717	1/2	81,466	1/2	68,231	1/2	55,211	1/2	42,001
3/4	172,263	3/4	161,213	3/4	147,981	3/4	134,357	3/4	121,102	3/4	107,887	3/4	94,651	3/4	81,397	3/4	68,162	3/4	55,177	3/4	41,937
1	172,194	1	161,144	1	147,912	1	134,291	1	121,033	1	107,821	1	94,585	1	81,328	1	68,093	1	55,143	1	41,873
1/4	172,125	1/4	161,075	1/4	147,843	1/4	134,225	1/4	120,964	1/4	107,755	1/4	94,519	1/4	81,259	1/4	68,024	1/4	55,109	1/4	41,809
1/2	172,056	1/2	161,006	1/2	147,774	1/2	134,159	1/2	120,895	1/2	107,689	1/2	94,453	1/2	81,190	1/2	67,955	1/2	55,075	1/2	41,745
3/4	171,987	3/4	160,937	3/4	147,705	3/4	134,093	3/4	120,826	3/4	107,623	3/4	94,387	3/4	81,121	3/4	67,886	3/4	55,041	3/4	41,681
1	171,918	1	160,868	1	147,636	1	134,027	1	120,757	1	107,557	1	94,321	1	81,052	1	67,817	1	55,007	1	41,617
1/4	171,849	1/4	160,799	1/4	147,567	1/4	133,961	1/4	120,688	1/4	107,491	1/4	94,255	1/4	80,983	1/4	67,748	1/4	54,973	1/4	41,553
1/2	171,780	1/2	160,730	1/2	147,498	1/2	133,895	1/2	120,619	1/2	107,425	1/2	94,189	1/2	80,914	1/2	67,679	1/2	54,939	1/2	41,489
3/4	171,711	3/4	160,661	3/4	147,429	3/4	133,829	3/4	120,550	3/4	107,359	3/4	94,123	3/4	80,845	3/4	67,610	3/4	54,905	3/4	41,425
1	171,642	1	160,592	1	147,360	1	133,763	1	120,481	1	107,293	1	94,057	1	80,776	1	67,541	1	54,871	1	41,361
1/4	171,573	1/4	160,523	1/4	147,291	1/4	133,697	1/4	120,412	1/4	107,227	1/4	94,000	1/4	80,707	1/4	67,472	1/4	54,837	1/4	41,297
1/2	171,504	1/2	160,454	1/2	147,222	1/2	133,631	1/2	120,343	1/2	107,161	1/2	93,934	1/2	80,638	1/2	67,403	1/2	54,803	1/2	41,233
3/4	171,435	3/4	160,385	3/4	147,153	3/4	133,565	3/4	120,274	3/4	107,095	3/4	93,868	3/4	80,569	3/4	67,334	3/4	54,769	3/4	41,169
1	171,366	1	160,316	1	147,084	1	133,499	1	120,205	1	107,029	1	93,802	1	80,500	1	67,265	1	54,735	1	41,105
1/4	171,297	1/4	160,247	1/4	147,015	1/4	133,433	1/4	120,136	1/4	106,963	1/4	93,736	1/4	80,431	1/4	67,196	1/4	54,701	1/4	41,041
1/2	171,228	1/2	160,178	1/2	146,946	1/2	133,367	1/2	120,067	1/2	106,897	1/2	93,670	1/2	80,362	1/2	67,127	1/2	54,667	1/2	40,977
3/4	171,159	3/4	160,109	3/4	146,877	3/4	133,301	3/4	120,000	3/4	106,831	3/4	93,604	3/4	80,293	3/4	67,058	3/4	54,633	3/4	40,913
1	171,090	1	160,040	1	146,808	1	133,235	1	119,935	1	106,765	1	93,538	1	80,224	1	67,000	1	54,599	1	40,849
1/4	171,021	1/4	160,000	1/4	146,739	1/4	133,169	1/4	119,866	1/4	106,699	1/4	93,472	1/4	80,155	1/4	66,931	1/4	54,565	1/4	40,785
1/2	170,952	1/2	159,931	1/2	146,670	1/2	133,103	1/2	119,797	1/2	106,633	1/2	93,406	1/2	80,086	1/2	66,862	1/2	54,531	1/2	40,721
3/4	170,883	3/4	159,862	3/4	146,601	3/4	133,037	3/4	119,728	3/4	106,567	3/4	93,340	3/4	80,017	3/4	66,793	3/4	54,497	3/4	40,657
1	170,814	1	159,793	1	146,532	1	132,971	1	119,659	1	106,501	1	93,274	1	79,924	1	66,724	1	54,463	1	40,593
1/4	170,745	1/4	159,724	1/4	146,463	1/4	132,905	1/4	119,590	1/4	106,435	1/4	93,208	1/4	79,855	1/4	66,655	1/4	54,429	1/4	40,529
1/2	170,676	1/2	159,655	1/2	146,394	1/2	132,839	1/2	119,521	1/2	106,369	1/2	93,142	1/2	79,786	1/2	66,586	1/2	54,395	1/2	40,465
3/4	170,607	3/4	159,586	3/4	146,325	3/4	132,773	3/4	119,452	3/4	106,303	3/4	93,076	3/4	79,717	3/4	66,517	3/4	54,361	3/4	40,401
1	170,538	1	159,517	1	146,256	1	132,707	1	119,383	1	106,237	1	93,010	1	79,648	1	66,448	1	54,327	1	40,337
1/4	170,469	1/4	159,448	1/4	146,187	1/4	132,641	1/4	119,314	1/4	106,171	1/4	92,944	1/4	79,579	1/4	66,379	1/4	54,293	1/4	40,273
1/2	170,400	1/2	159,379	1/2	146,118	1/2	132,575	1/2	119,245	1/2	106,105	1/2	92,878	1/2	79,510	1/2	66,310	1/2	54,259	1/2	40,209
3/4	170,331	3/4	159,310	3/4	146,049	3/4	132,509	3/4	119,176	3/4	106,039	3/4	92,812	3/4	79,441	3/4	66,241	3/4	54,225	3/4	40,145
1	170,262	1	159,241	1	145,980	1	132,443	1	119,107	1	105,973	1	92,746	1	79,372	1	66,172	1	54,191	1	40,081
1/4	170,193	1/4	159,172	1/4	145,911	1/4	132,377	1/4	119,038	1/4	105,907	1/4	92,680	1/4	79,303	1/4	66,103	1/4	54,157	1/4	40,017
1/2	170,124	1/2	159,103	1/2	145,842	1/2	132,311	1/2	118,969	1/2	105,841	1/2	92,614	1/2	79,234	1/2	66,034	1/2	54,123	1/2	39,953
3/4	170,055	3/4	159,034	3/4	145,773	3/4	132,245	3/4	118,900	3/4	105,775	3/4	92,548	3/4	79,165	3/4	65,965	3/4	54,089	3/4	39,889
1	170,000	1	158,965	1	145,704	1	132,179	1	118,831	1	105,709	1	92,482	1	79,096	1	65,896	1	54,055	1	39,825
1/4	169,931	1/4	158,896	1/4	145,635	1/4	132,113	1/4	118,762	1/4	105,643	1/4	92,416	1/4	79,027	1/4	65,827	1/4	54,021	1/4	39,761
1/2	169,862	1/2	158,827	1/2	145,566	1/2	132,047	1/2	118,693	1/2	105,577	1/2	92,350	1/2	78,958	1/2	65,758	1/2	53,987	1/2	39,697
3/4	169,793	3/4	158,758	3/4	145,497	3/4	131,981	3/4	118,624	3/4	105,511	3/4	92,284	3/4	78,889	3/4	65,689	3/4	53,953	3/4	39,633
1	169,724	1	158,689	1	145,428	1	131,915	1	118,555	1	105,445	1	92,218	1	78,820	1	65,620	1	53,919	1	39,569
1/4	169,655	1/4	158,620	1/4	145,359	1/4	131,849	1/4	118,486	1/4	105,379	1/4	92,152	1/4	78,751						

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.
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	34	3/4	3/4	3/4
6	36,241	6	23,006	6	9,771	6	6	6	6	6
1/4	35,965	1/4	22,730	1/4	9,495	1/4	1/4	1/4	1/4	1/4
1/2	35,689	1/2	22,454	1/2	9,221	1/2	1/2	1/2	1/2	1/2
3/4	35,414	3/4	22,179	3/4	8,946	3/4	3/4	3/4	3/4	3/4
7	35,138	7	21,903	7	8,671	7	7	7	7	7
1/4	34,862	1/4	21,627	1/4	8,397	1/4	1/4	1/4	1/4	1/4
1/2	34,586	1/2	21,352	1/2	8,122	1/2	1/2	1/2	1/2	1/2
3/4	34,311	3/4	21,076	3/4	7,848	3/4	3/4	3/4	3/4	3/4
8	34,035	8	20,800	8	7,574	8	8	8	8	8
1/4	33,759	1/4	20,524	1/4	7,299	1/4	1/4	1/4	1/4	1/4
1/2	33,484	1/2	20,249	1/2	7,025	1/2	1/2	1/2	1/2	1/2
3/4	33,208	3/4	19,973	3/4	6,750	3/4	3/4	3/4	3/4	3/4
9	32,932	9	19,697	9	6,476	9	9	9	9	9
1/4	32,656	1/4	19,421	1/4	6,201	1/4	1/4	1/4	1/4	1/4
1/2	32,381	1/2	19,146	1/2	5,927	1/2	1/2	1/2	1/2	1/2
3/4	32,105	3/4	18,870	3/4	5,652	3/4	3/4	3/4	3/4	3/4
10	31,829	10	18,594	10	5,378	10	10	10	10	10
1/4	31,553	1/4	18,319	1/4	5,104	1/4	1/4	1/4	1/4	1/4
1/2	31,278	1/2	18,043	1/2	4,829	1/2	1/2	1/2	1/2	1/2
3/4	31,002	3/4	17,767	3/4	4,555	3/4	3/4	3/4	3/4	3/4
11	30,726	11	17,491	11	4,280	11	11	11	11	11
1/4	30,451	1/4	17,216	1/4	4,006	1/4	1/4	1/4	1/4	1/4
1/2	30,175	1/2	16,940	1/2	3,731	1/2	1/2	1/2	1/2	1/2
3/4	29,899	3/4	16,664	3/4	3,457	3/4	3/4	3/4	3/4	3/4

GAUGE HEIGHT 16'-5 1/8"

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