

BARGE "CBC 198" ULLAGE TRIM CORRECTION

TANK NUMBER	1 FT. TRIM		2 FT. TRIM		3 FT. TRIM		4 FT. TRIM		5 FT. TRIM		6 FT. TRIM	
	BY STERN	BY BOW	BY STERN	BY BOW	BY STERN	BY BOW	BY STERN	BY BOW	BY STERN	BY BOW	BY STERN	BY BOW
TANK # 1	-1/4"	+1/4"	-1/2"	+1/2"	-3/4"	+3/4"	-1 1/8"	+1 1/8"	-1 3/8"	+1 3/8"	-1 5/8"	+1 5/8"
2 PORT	0	0	-1/8"	+1/8"	-1/8"	+1/8"	-1/4"	+1/4"	-3/8"	+3/8"	-3/8"	+3/8"
2 STBD	0	0	-1/8"	+1/8"	-1/8"	+1/8"	-1/4"	+1/4"	-3/8"	+3/8"	-3/8"	+3/8"
3 PORT	0	0	-1/8"	+1/8"	-1/8"	+1/8"	-1/4"	+1/4"	-1/4"	+1/4"	-3/8"	+3/8"
3 STBD	0	0	-1/8"	+1/8"	-1/8"	+1/8"	-1/4"	+1/4"	-1/4"	+1/4"	-3/8"	+3/8"
TANK # 4	-1 1/8"	+1 1/8"	-2 1/4"	+2 1/4"	-3 3/8"	+3 3/8"	-4 1/2"	+4 1/2"	-5 5/8"	+5 5/8"	-6 3/4"	+6 3/4"

ULLAGE TRIM CORRECTIONS

IF FWD DRAFT = 2'-0"
AND AFT DRAFT = 4'-0"

THEN THE BARGE IS 2'-0" DOWN BY STERN

TANK # 1 TRIM CORRECTION FROM ABOVE TABLE IS -0 1/2"
IF MEASURED ULLAGE GAUGE IS 8'-6", THE CORRECT ULLAGE GAUGE IS 8'-5 1/2".

CERTIFIED TANK CALIBRATION, INC.
DEER PARK, TEXAS
JUNE 8, 1994

Dale A. Row

GAUGE HEIGHT: 16'-3 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.	
M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N
0	0	176,965	0	164,429	0	150,878	0	137,327	0	123,776	0	110,225	0	96,674	0	83,123	0	69,572	0	56,021	0
1/4	1/4	176,752	1/4	164,147	1/4	150,596	1/4	137,045	1/4	123,494	1/4	109,943	1/4	96,392	1/4	82,841	1/4	69,290	1/4	55,739	1/4
1/2	1/2	176,611	1/2	163,864	1/2	150,313	1/2	136,762	1/2	123,211	1/2	109,660	1/2	96,109	1/2	82,558	1/2	69,039	1/2	55,508	1/2
3/4	3/4	176,470	3/4	163,582	3/4	150,031	3/4	136,480	3/4	122,929	3/4	109,378	3/4	95,827	3/4	82,276	3/4	68,725	3/4	55,257	3/4
1	1	176,328	1	163,300	1	149,749	1	136,198	1	122,647	1	109,066	1	95,545	1	81,994	1	68,443	1	54,975	1
1/4	1/4	176,159	1/4	163,017	1/4	149,466	1/4	135,915	1/4	122,364	1/4	108,813	1/4	95,262	1/4	81,711	1/4	68,160	1/4	54,702	1/4
1/2	1/2	175,961	1/2	162,735	1/2	149,184	1/2	135,633	1/2	122,082	1/2	108,531	1/2	94,980	1/2	81,429	1/2	67,878	1/2	54,429	1/2
3/4	3/4	175,764	3/4	162,453	3/4	148,902	3/4	135,351	3/4	121,800	3/4	108,249	3/4	94,698	3/4	81,147	3/4	67,596	3/4	54,156	3/4
2	2	175,566	2	162,170	2	148,619	2	135,068	2	121,517	2	107,966	2	94,415	2	80,864	2	67,313	2	53,883	2
1/4	1/4	175,340	1/4	161,898	1/4	148,337	1/4	134,786	1/4	121,235	1/4	107,684	1/4	94,133	1/4	80,582	1/4	67,031	1/4	53,610	1/4
1/2	1/2	175,086	1/2	161,606	1/2	148,055	1/2	134,504	1/2	120,953	1/2	107,402	1/2	93,851	1/2	80,300	1/2	66,749	1/2	53,337	1/2
3/4	3/4	174,832	3/4	161,324	3/4	147,773	3/4	134,222	3/4	120,671	3/4	107,120	3/4	93,569	3/4	80,018	3/4	66,466	3/4	53,064	3/4
3	3	174,578	3	161,041	3	147,490	3	133,939	3	120,388	3	106,837	3	93,286	3	79,735	3	66,184	3	52,791	3
1/4	1/4	174,310	1/4	160,759	1/4	147,208	1/4	133,657	1/4	120,106	1/4	106,555	1/4	93,004	1/4	79,453	1/4	65,902	1/4	52,518	1/4
1/2	1/2	174,028	1/2	160,477	1/2	146,926	1/2	133,375	1/2	119,824	1/2	106,273	1/2	92,722	1/2	79,171	1/2	65,620	1/2	52,245	1/2
3/4	3/4	173,745	3/4	160,194	3/4	146,643	3/4	133,092	3/4	119,541	3/4	105,990	3/4	92,439	3/4	78,888	3/4	65,337	3/4	51,972	3/4
4	4	173,463	4	159,912	4	146,361	4	132,810	4	119,259	4	105,708	4	92,157	4	78,606	4	65,055	4	51,699	4
1/4	1/4	173,181	1/4	159,630	1/4	146,079	1/4	132,528	1/4	118,977	1/4	105,426	1/4	91,875	1/4	78,324	1/4	64,773	1/4	51,426	1/4
1/2	1/2	172,898	1/2	159,347	1/2	145,796	1/2	132,245	1/2	118,694	1/2	105,143	1/2	91,592	1/2	78,041	1/2	64,490	1/2	51,153	1/2
3/4	3/4	172,616	3/4	159,065	3/4	145,514	3/4	131,963	3/4	118,412	3/4	104,861	3/4	91,310	3/4	77,759	3/4	64,208	3/4	50,880	3/4
5	5	172,334	5	158,783	5	145,232	5	131,681	5	118,130	5	104,579	5	91,028	5	77,477	5	63,926	5	50,607	5
1/4	1/4	172,051	1/4	158,500	1/4	144,949	1/4	131,398	1/4	117,847	1/4	104,296	1/4	90,745	1/4	77,194	1/4	63,643	1/4	50,334	1/4
1/2	1/2	171,769	1/2	158,218	1/2	144,667	1/2	131,116	1/2	117,565	1/2	104,014	1/2	90,463	1/2	76,912	1/2	63,361	1/2	50,061	1/2
3/4	3/4	171,487	3/4	157,936	3/4	144,385	3/4	130,834	3/4	117,283	3/4	103,732	3/4	90,181	3/4	76,630	3/4	63,079	3/4	49,788	3/4
6	6	171,204	6	157,653	6	144,102	6	130,551	6	117,000	6	103,449	6	89,898	6	76,347	6	62,796	6	49,515	6
1/4	1/4	170,922	1/4	157,371	1/4	143,820	1/4	130,269	1/4	116,718	1/4	103,167	1/4	89,616	1/4	76,065	1/4	62,514	1/4	49,242	1/4
1/2	1/2	170,640	1/2	157,089	1/2	143,538	1/2	129,987	1/2	116,436	1/2	102,885	1/2	89,334	1/2	75,783	1/2	62,232	1/2	48,969	1/2
3/4	3/4	170,358	3/4	156,807	3/4	143,256	3/4	129,705	3/4	116,154	3/4	102,603	3/4	89,052	3/4	75,501	3/4	61,949	3/4	48,696	3/4
7	7	170,075	7	156,524	7	142,973	7	129,422	7	115,871	7	102,320	7	88,769	7	75,218	7	61,667	7	48,423	7
1/4	1/4	169,793	1/4	156,242	1/4	142,691	1/4	129,140	1/4	115,589	1/4	102,038	1/4	88,487	1/4	74,936	1/4	61,385	1/4	48,150	1/4
1/2	1/2	169,511	1/2	155,960	1/2	142,409	1/2	128,858	1/2	115,307	1/2	101,756	1/2	88,205	1/2	74,654	1/2	61,103	1/2	47,877	1/2
3/4	3/4	169,228	3/4	155,677	3/4	142,126	3/4	128,575	3/4	115,024	3/4	101,473	3/4	87,922	3/4	74,371	3/4	60,820	3/4	47,604	3/4
8	8	168,946	8	155,395	8	141,844	8	128,293	8	114,742	8	101,191	8	87,640	8	74,089	8	60,538	8	47,331	8
1/4	1/4	168,664	1/4	155,113	1/4	141,562	1/4	128,011	1/4	114,460	1/4	100,909	1/4	87,358	1/4	73,807	1/4	60,256	1/4	47,058	1/4
1/2	1/2	168,381	1/2	154,830	1/2	141,279	1/2	127,728	1/2	114,177	1/2	100,626	1/2	87,075	1/2	73,524	1/2	59,973	1/2	46,785	1/2
3/4	3/4	168,099	3/4	154,548	3/4	140,997	3/4	127,446	3/4	113,895	3/4	100,344	3/4	86,793	3/4	73,242	3/4	59,691	3/4	46,512	3/4
9	9	167,817	9	154,266	9	140,715	9	127,164	9	113,613	9	100,062	9	86,511	9	72,960	9	59,409	9	46,239	9
1/4	1/4	167,534	1/4	153,983	1/4	140,432	1/4	126,881	1/4	113,330	1/4	99,779	1/4	86,228	1/4	72,677	1/4	59,126	1/4	45,966	1/4
1/2	1/2	167,252	1/2	153,701	1/2	140,150	1/2	126,599	1/2	113,048	1/2	99,497	1/2	85,946	1/2	72,395	1/2	58,844	1/2	45,693	1/2
3/4	3/4	166,970	3/4	153,419	3/4	139,868	3/4	126,317	3/4	112,766	3/4	99,215	3/4	85,664	3/4	72,113	3/4	58,562	3/4	45,420	3/4
10	10	166,687	10	153,136	10	139,585	10	126,034	10	112,483	10	98,932	10	85,381	10	71,830	10	58,279	10	45,147	10
1/4	1/4	166,405	1/4	152,854	1/4	139,303	1/4	125,752	1/4	112,201	1/4	98,650	1/4	85,099	1/4	71,548	1/4	57,997	1/4	44,874	1/4
1/2	1/2	166,123	1/2	152,572	1/2	139,021	1/2	125,470	1/2	111,919	1/2	98,368	1/2	84,817	1/2	71,266	1/2	57,715	1/2	44,601	1/2
3/4	3/4	165,841	3/4	152,290	3/4	138,739	3/4	125,188	3/4	111,637	3/4	98,086	3/4	84,535	3/4	70,983	3/4	57,432	3/4	44,328	3/4
11	11	165,558	11	152,007	11	138,456	11	124,905	11	111,354	11	97,803	11	84,252	11	70,701	11	57,150	11	44,055	11
1/4	1/4	165,276	1/4	151,725	1/4	138,174	1/4	124,623	1/4	111,072	1/4	97,521	1/4	83,970	1/4	70,419	1/4	56,868	1/4	43,782	1/4
1/2	1/2	164,994	1/2	151,443	1/2	137,892	1/2	124,341	1/2	110,790	1/2	97,239	1/2	83,688	1/2	70,137	1/2	56,586	1/2	43,509	1/2
3/4	3/4	164,711	3/4	151,160	3/4	137,609	3/4	124,058	3/4	110,507	3/4	96,956	3/4	83,405	3/4	69,854	3/4	56,303	3/4	43,236	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.
LOCATED 1'-3" OFF CENTERLINE AND 23'-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: 08/04 BY: KS-JM
DATE COMPUTED: 08/04 BY: KS
DATE ISSUED: 08/04

CERTIFIED TANK CALIBRATION, INC.

Bill A. Rose

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.	
M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N
0	56,021	0	42,470	0	28,919	0	15,368	0	1,947	0	0	0	0	0	0	0	0	0	0	0	0
1/4	55,739	1/4	42,188	1/4	28,637	1/4	15,086	1/4	1,722	1/4	1,524	1/4	1,326	1/4	1,129	1/4	931	1/4	733	1/4	535
1/2	55,456	1/2	41,905	1/2	28,354	1/2	14,803	1/2	1,524	1/2	1,326	1/2	1,129	1/2	931	1/2	733	1/2	535	1/2	337
3/4	55,174	3/4	41,623	3/4	28,072	3/4	14,521	3/4	1,326	3/4	1,129	3/4	931	3/4	733	3/4	535	3/4	337	3/4	139
1	54,892	1	41,341	1	27,790	1	14,239	1	1,129	1	931	1	733	1	535	1	337	1	139	1	0
1/4	54,609	1/4	41,058	1/4	27,507	1/4	13,956	1/4	818	1/4	677	1/4	536	1/4	423	1/4	282	1/4	84	1/4	0
1/2	54,327	1/2	40,776	1/2	27,225	1/2	13,674	1/2	677	1/2	536	1/2	423	1/2	282	1/2	84	1/2	0	1/2	0
3/4	54,045	3/4	40,494	3/4	26,943	3/4	13,392	3/4	536	3/4	423	3/4	282	3/4	84	3/4	0	3/4	0	3/4	0
2	53,762	2	40,211	2	26,660	2	13,109	2	423	2	282	2	84	2	0	2	0	2	0	2	0
1/4	53,480	1/4	39,929	1/4	26,378	1/4	12,827	1/4	338	1/4	254	1/4	169	1/4	112	1/4	93	1/4	56	1/4	0
1/2	53,198	1/2	39,647	1/2	26,096	1/2	12,545	1/2	254	1/2	169	1/2	112	1/2	93	1/2	56	1/2	0	1/2	0
3/4	52,915	3/4	39,364	3/4	25,813	3/4	12,262	3/4	169	3/4	112	3/4	93	3/4	56	3/4	0	3/4	0	3/4	0
1	52,633	1	39,082	1	25,531	1	11,980	1	112	1	93	1	56	1	0	1	0	1	0	1	0
1/4	52,351	1/4	38,800	1/4	25,249	1/4	11,698	1/4	93	1/4	56	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	52,069	1/2	38,518	1/2	24,967	1/2	11,416	1/2	56	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	51,786	3/4	38,235	3/4	24,684	3/4	11,133	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
4	51,504	4	37,953	4	24,402	4	10,851	4	0	4	0	4	0	4	0	4	0	4	0	4	0
1/4	51,222	1/4	37,671	1/4	24,120	1/4	10,569	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	50,939	1/2	37,388	1/2	23,837	1/2	10,286	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	50,657	3/4	37,106	3/4	23,555	3/4	10,004	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
5	50,375	5	36,824	5	23,273	5	9,722	5	0	5	0	5	0	5	0	5	0	5	0	5	0
1/4	50,092	1/4	36,541	1/4	22,990	1/4	9,440	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	49,810	1/2	36,259	1/2	22,708	1/2	9,159	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	49,528	3/4	35,977	3/4	22,426	3/4	8,878	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
6	49,245	6	35,694	6	22,143	6	8,597	6	0	6	0	6	0	6	0	6	0	6	0	6	0
1/4	48,963	1/4	35,412	1/4	21,861	1/4	8,316	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	48,681	1/2	35,130	1/2	21,579	1/2	8,035	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	48,398	3/4	34,847	3/4	21,296	3/4	7,754	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
7	48,116	7	34,565	7	21,014	7	7,473	7	0	7	0	7	0	7	0	7	0	7	0	7	0
1/4	47,834	1/4	34,283	1/4	20,732	1/4	7,192	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	47,552	1/2	34,001	1/2	20,450	1/2	6,911	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	47,269	3/4	33,718	3/4	20,167	3/4	6,630	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
8	46,987	8	33,436	8	19,885	8	6,349	8	0	8	0	8	0	8	0	8	0	8	0	8	0
1/4	46,705	1/4	33,154	1/4	19,603	1/4	6,068	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	46,422	1/2	32,871	1/2	19,320	1/2	5,787	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	46,140	3/4	32,589	3/4	19,038	3/4	5,506	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
9	45,858	9	32,307	9	18,756	9	5,225	9	0	9	0	9	0	9	0	9	0	9	0	9	0
1/4	45,575	1/4	32,024	1/4	18,473	1/4	4,944	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	45,293	1/2	31,742	1/2	18,191	1/2	4,663	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	45,011	3/4	31,460	3/4	17,909	3/4	4,382	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
10	44,728	10	31,177	10	17,626	10	4,101	10	0	10	0	10	0	10	0	10	0	10	0	10	0
1/4	44,446	1/4	30,895	1/4	17,344	1/4	3,820	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	44,164	1/2	30,613	1/2	17,062	1/2	3,539	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	43,881	3/4	30,330	3/4	16,779	3/4	3,258	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
11	43,599	11	30,048	11	16,497	11	2,977	11	0	11	0	11	0	11	0	11	0	11	0	11	0
1/4	43,317	1/4	29,766	1/4	16,215	1/4	2,710	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	43,035	1/2	29,484	1/2	15,933	1/2	2,456	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	42,752	3/4	29,201	3/4	15,650	3/4	2,201	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: 6/6/04 BY: KS-JM
DATE COMPUTED: 6/8/04 BY: KS
DATE ISSUED: 6/8/04

CERTIFIED TANK CALIBRATION, INC.

Bill G. Brown

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 15'-10 1/8"

IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.
0		0	88,294	0	81,419	0	74,545	0	67,670	0	60,795	0	53,921	0	47,046	0	40,171	0	33,297
1/4		1/4	88,151	1/4	81,276	1/4	74,401	1/4	67,527	1/4	60,652	1/4	53,777	1/4	46,903	1/4	40,028	1/4	33,153
1/2		1/2	88,008	1/2	81,133	1/2	74,258	1/2	67,383	1/2	60,509	1/2	53,634	1/2	46,759	1/2	39,885	1/2	33,010
3/4		3/4	87,864	3/4	80,990	3/4	74,115	3/4	67,240	3/4	60,368	3/4	53,491	3/4	46,616	3/4	39,742	3/4	32,867
1		1	87,721	1	80,846	1	73,972	1	67,097	1	60,222	1	53,348	1	46,473	1	39,598	1	32,724
1/4		1/4	87,578	1/4	80,703	1/4	73,829	1/4	66,954	1/4	60,079	1/4	53,204	1/4	46,330	1/4	39,455	1/4	32,580
1/2		1/2	87,435	1/2	80,560	1/2	73,685	1/2	66,811	1/2	59,936	1/2	53,061	1/2	46,187	1/2	39,312	1/2	32,437
3/4		3/4	87,291	3/4	80,417	3/4	73,542	3/4	66,667	3/4	59,793	3/4	52,918	3/4	46,043	3/4	39,169	3/4	32,294
2		2	87,148	2	80,274	2	73,399	2	66,524	2	59,649	2	52,775	2	45,900	2	39,025	2	32,151
1/4		1/4	87,005	1/4	80,130	1/4	73,256	1/4	66,381	1/4	59,506	1/4	52,632	1/4	45,757	1/4	38,882	1/4	32,008
1/2		1/2	86,862	1/2	79,987	1/2	73,112	1/2	66,238	1/2	59,363	1/2	52,489	1/2	45,614	1/2	38,739	1/2	31,864
3/4		3/4	86,719	3/4	79,844	3/4	72,969	3/4	66,094	3/4	59,220	3/4	52,345	3/4	45,470	3/4	38,596	3/4	31,721
3		3	86,575	3	79,701	3	72,826	3	65,951	3	59,077	3	52,202	3	45,327	3	38,453	3	31,578
1/4		1/4	86,432	1/4	79,557	1/4	72,683	1/4	65,808	1/4	58,933	1/4	52,059	1/4	45,184	1/4	38,309	1/4	31,435
1/2		1/2	86,289	1/2	79,414	1/2	72,540	1/2	65,665	1/2	58,790	1/2	51,915	1/2	45,041	1/2	38,166	1/2	31,291
3/4		3/4	86,146	3/4	79,271	3/4	72,396	3/4	65,522	3/4	58,647	3/4	51,772	3/4	44,898	3/4	38,023	3/4	31,148
4		4	86,002	4	79,128	4	72,253	4	65,378	4	58,504	4	51,629	4	44,754	4	37,880	4	31,005
1/4		1/4	85,859	1/4	78,985	1/4	72,110	1/4	65,235	1/4	58,360	1/4	51,486	1/4	44,611	1/4	37,736	1/4	30,862
1/2		1/2	85,716	1/2	78,841	1/2	71,967	1/2	65,092	1/2	58,217	1/2	51,343	1/2	44,468	1/2	37,593	1/2	30,719
3/4		3/4	85,573	3/4	78,698	3/4	71,823	3/4	64,949	3/4	58,074	3/4	51,199	3/4	44,325	3/4	37,450	3/4	30,575
5		5	85,430	5	78,555	5	71,680	5	64,805	5	57,931	5	51,056	5	44,181	5	37,307	5	30,432
1/4		1/4	85,286	1/4	78,412	1/4	71,537	1/4	64,662	1/4	57,788	1/4	50,913	1/4	44,038	1/4	37,164	1/4	30,289
1/2		1/2	85,143	1/2	78,268	1/2	71,394	1/2	64,519	1/2	57,644	1/2	50,770	1/2	43,895	1/2	37,020	1/2	30,146
3/4		3/4	85,000	3/4	78,125	3/4	71,251	3/4	64,376	3/4	57,501	3/4	50,626	3/4	43,752	3/4	36,877	3/4	30,002
6		6	84,857	6	77,982	6	71,107	6	64,233	6	57,358	6	50,483	6	43,609	6	36,734	6	29,859
1/4		1/4	84,713	1/4	77,839	1/4	70,964	1/4	64,089	1/4	57,215	1/4	50,340	1/4	43,465	1/4	36,591	1/4	29,716
1/2		1/2	84,570	1/2	77,696	1/2	70,821	1/2	63,946	1/2	57,071	1/2	50,197	1/2	43,322	1/2	36,447	1/2	29,573
3/4		3/4	84,427	3/4	77,552	3/4	70,678	3/4	63,803	3/4	56,928	3/4	50,054	3/4	43,179	3/4	36,304	3/4	29,430
7		7	84,284	7	77,409	7	70,534	7	63,660	7	56,785	7	49,910	7	43,036	7	36,161	7	29,286
1/4		1/4	84,141	1/4	77,266	1/4	70,391	1/4	63,516	1/4	56,642	1/4	49,767	1/4	42,892	1/4	36,018	1/4	29,143
1/2		1/2	83,997	1/2	77,123	1/2	70,248	1/2	63,373	1/2	56,499	1/2	49,624	1/2	42,749	1/2	35,875	1/2	29,000
3/4		3/4	83,854	3/4	76,979	3/4	70,105	3/4	63,230	3/4	56,355	3/4	49,481	3/4	42,606	3/4	35,731	3/4	28,857
8		8	83,711	8	76,836	8	69,962	8	63,087	8	56,212	8	49,337	8	42,463	8	35,588	8	28,713
1/4		1/4	83,568	1/4	76,693	1/4	69,818	1/4	62,944	1/4	56,069	1/4	49,194	1/4	42,320	1/4	35,445	1/4	28,570
1/2		1/2	83,424	1/2	76,550	1/2	69,675	1/2	62,800	1/2	55,926	1/2	49,051	1/2	42,176	1/2	35,302	1/2	28,427
3/4		3/4	83,281	3/4	76,407	3/4	69,532	3/4	62,657	3/4	55,782	3/4	48,908	3/4	42,033	3/4	35,159	3/4	28,284
9		9	83,138	9	76,263	9	69,389	9	62,514	9	55,639	9	48,765	9	41,890	9	35,015	9	28,141
1/4		1/4	82,995	1/4	76,120	1/4	69,245	1/4	62,371	1/4	55,496	1/4	48,621	1/4	41,747	1/4	34,872	1/4	27,997
1/2		1/2	82,852	1/2	75,977	1/2	69,102	1/2	62,227	1/2	55,353	1/2	48,478	1/2	41,603	1/2	34,729	1/2	27,854
3/4		3/4	82,708	3/4	75,834	3/4	68,959	3/4	62,084	3/4	55,210	3/4	48,335	3/4	41,460	3/4	34,586	3/4	27,711
10		10	82,565	10	75,690	10	68,816	10	61,941	10	55,066	10	48,192	10	41,317	10	34,443	10	27,568
1/4		1/4	82,422	1/4	75,547	1/4	68,672	1/4	61,798	1/4	54,923	1/4	48,048	1/4	41,174	1/4	34,299	1/4	27,424
1/2		1/2	82,279	1/2	75,404	1/2	68,529	1/2	61,655	1/2	54,780	1/2	47,905	1/2	41,031	1/2	34,156	1/2	27,281
3/4		3/4	82,135	3/4	75,261	3/4	68,386	3/4	61,511	3/4	54,637	3/4	47,762	3/4	40,887	3/4	34,013	3/4	27,138
11 1/8		11 1/8	81,992	11 1/8	75,118	11 1/8	68,243	11 1/8	61,368	11 1/8	54,493	11 1/8	47,619	11 1/8	40,744	11 1/8	33,869	11 1/8	26,995
1/4		1/4	81,849	1/4	74,974	1/4	68,100	1/4	61,225	1/4	54,350	1/4	47,476	1/4	40,601	1/4	33,726	1/4	26,851
1/2		1/2	81,706	1/2	74,831	1/2	67,956	1/2	61,082	1/2	54,207	1/2	47,332	1/2	40,458	1/2	33,583	1/2	26,708
3/4		3/4	81,563	3/4	74,688	3/4	67,813	3/4	60,938	3/4	54,064	3/4	47,189	3/4	40,314	3/4	33,440	3/4	26,565

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 "MAMC" GAUGING DEVICE.
LOCATED 13'-4" OFF CENTERLINE AND 21'-2" 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: 08/04 BY: KS-JM
DATE COMPUTED: 08/04 BY: KS
DATE ISSUED: 08/04

CERTIFIED TANK CALIBRATION, INC.

Bill S. Ross

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 15.10/18"

	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.	20 FT.	21 FT.
0	26,422	0	19,547	0	12,672	0	5,798	0	0	0
1/4	26,279	1/4	19,404	1/4	12,529	1/4	5,655	1/4	1/4	0
1/2	26,135	1/2	19,261	1/2	12,386	1/2	5,511	1/2	1/2	1/4
3/4	25,992	3/4	19,117	3/4	12,243	3/4	5,368	3/4	3/4	1/2
1	25,849	1	18,974	1	12,100	1	5,225	1	1	3/4
1/4	25,706	1/4	18,831	1/4	11,957	1/4	5,082	1/4	1/4	1
1/2	25,562	1/2	18,688	1/2	11,813	1/2	4,938	1/2	1/2	1/4
3/4	25,419	3/4	18,545	3/4	11,670	3/4	4,796	3/4	3/4	1/2
2	25,276	2	18,401	2	11,527	2	4,653	2	2	3/4
1/4	25,133	1/4	18,258	1/4	11,383	1/4	4,510	1/4	1/4	1
1/2	24,990	1/2	18,115	1/2	11,240	1/2	4,368	1/2	1/2	1/4
3/4	24,846	3/4	17,972	3/4	11,097	3/4	4,225	3/4	3/4	1/2
3	24,703	3	17,828	3	10,954	3	4,083	3	3	3/4
1/4	24,560	1/4	17,685	1/4	10,811	1/4	3,940	1/4	1/4	1
1/2	24,417	1/2	17,542	1/2	10,667	1/2	3,798	1/2	1/2	1/4
3/4	24,273	3/4	17,399	3/4	10,524	3/4	3,655	3/4	3/4	1/2
4	24,130	4	17,256	4	10,381	4	3,513	4	4	3/4
1/4	23,987	1/4	17,112	1/4	10,238	1/4	3,370	1/4	1/4	1
1/2	23,844	1/2	16,969	1/2	10,094	1/2	3,228	1/2	1/2	1/4
3/4	23,701	3/4	16,826	3/4	9,951	3/4	3,085	3/4	3/4	1/2
5	23,557	5	16,683	5	9,808	5	2,942	5	5	3/4
1/4	23,414	1/4	16,539	1/4	9,665	1/4	2,800	1/4	1/4	1
1/2	23,271	1/2	16,396	1/2	9,522	1/2	2,657	1/2	1/2	1/4
3/4	23,128	3/4	16,253	3/4	9,378	3/4	2,515	3/4	3/4	1/2
6	22,984	6	16,110	6	9,235	6	2,372	6	6	3/4
1/4	22,841	1/4	15,967	1/4	9,092	1/4	2,230	1/4	1/4	1
1/2	22,698	1/2	15,823	1/2	8,949	1/2	2,087	1/2	1/2	1/4
3/4	22,555	3/4	15,680	3/4	8,805	3/4	1,945	3/4	3/4	1/2
7	22,412	7	15,537	7	8,662	7	1,802	7	7	3/4
1/4	22,268	1/4	15,394	1/4	8,519	1/4	1,660	1/4	1/4	1
1/2	22,125	1/2	15,250	1/2	8,376	1/2	1,517	1/2	1/2	1/4
3/4	21,982	3/4	15,107	3/4	8,233	3/4	1,381	3/4	3/4	1/2
8	21,839	8	14,964	8	8,089	8	1,252	8	8	3/4
1/4	21,695	1/4	14,821	1/4	7,946	1/4	1,123	1/4	1/4	1
1/2	21,552	1/2	14,678	1/2	7,803	1/2	995	1/2	1/2	1/4
3/4	21,409	3/4	14,534	3/4	7,660	3/4	880	3/4	3/4	1/2
9	21,266	9	14,391	9	7,516	9	780	9	9	3/4
1/4	21,123	1/4	14,248	1/4	7,373	1/4	680	1/4	1/4	1
1/2	20,979	1/2	14,105	1/2	7,230	1/2	579	1/2	1/2	1/4
3/4	20,836	3/4	13,961	3/4	7,087	3/4	493	3/4	3/4	1/2
10	20,693	10	13,818	10	6,944	10	422	10	10	3/4
1/4	20,550	1/4	13,675	1/4	6,800	1/4	386	1/4	1/4	1
1/2	20,406	1/2	13,532	1/2	6,657	1/2	366	1/2	1/2	1/4
3/4	20,263	3/4	13,389	3/4	6,514	3/4	346	3/4	3/4	1/2
11	20,120	11	13,245	11	6,371	11	311	11	11	3/4
1/4	19,977	1/4	13,102	1/4	6,227	1/4	276	1/4	1/4	1
1/2	19,834	1/2	12,959	1/2	6,084	1/2	241	1/2	1/2	1/4
3/4	19,690	3/4	12,816	3/4	5,941	3/4	206	3/4	3/4	1/2

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: 6/8/94 BY: KS-JM
DATE COMPUTED: 6/8/94 BY: KS
DATE ISSUED: 6/8/94

CERTIFIED TANK CALIBRATION, INC.

Paul S. Rose

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 16'-0 1/8"

M	2 FT.	M	3 FT.	M	4 FT.	M	5 FT.	M	6 FT.	M	7 FT.	M	8 FT.	M	9 FT.	M	10 FT.	M	11 FT.
0	0	91,630	0	84,743	0	77,687	0	70,631	0	63,575	0	56,519	0	49,463	0	42,407	0	35,351	
1/4	1/4	91,527	1/4	84,596	1/4	77,540	1/4	70,454	1/4	63,428	1/4	56,372	1/4	49,316	1/4	42,260	1/4	35,204	
1/2	1/2	91,424	1/2	84,449	1/2	77,393	1/2	70,337	1/2	63,281	1/2	56,225	1/2	49,169	1/2	42,113	1/2	35,057	
3/4	3/4	91,306	3/4	84,302	3/4	77,246	3/4	70,190	3/4	63,134	3/4	56,078	3/4	49,022	3/4	41,966	3/4	34,910	
1	1	91,174	1	84,155	1	77,099	1	70,043	1	62,987	1	55,931	1	48,875	1	41,819	1	34,763	
1/4	1/4	91,042	1/4	84,008	1/4	76,952	1/4	69,896	1/4	62,840	1/4	55,784	1/4	48,728	1/4	41,672	1/4	34,616	
1/2	1/2	90,909	1/2	83,861	1/2	76,805	1/2	69,749	1/2	62,693	1/2	55,637	1/2	48,581	1/2	41,525	1/2	34,469	
3/4	3/4	90,770	3/4	83,714	3/4	76,658	3/4	69,602	3/4	62,546	3/4	55,490	3/4	48,434	3/4	41,378	3/4	34,322	
2	2	90,623	2	83,567	2	76,511	2	69,455	2	62,399	2	55,343	2	48,287	2	41,231	2	34,175	
1/4	1/4	90,476	1/4	83,420	1/4	76,364	1/4	69,308	1/4	62,252	1/4	55,196	1/4	48,140	1/4	41,084	1/4	34,028	
1/2	1/2	90,329	1/2	83,273	1/2	76,217	1/2	69,161	1/2	62,105	1/2	55,049	1/2	47,993	1/2	40,937	1/2	33,881	
3/4	3/4	90,182	3/4	83,126	3/4	76,070	3/4	69,014	3/4	61,958	3/4	54,902	3/4	47,846	3/4	40,790	3/4	33,734	
3	3	90,035	3	82,979	3	75,923	3	68,867	3	61,811	3	54,755	3	47,699	3	40,643	3	33,587	
1/4	1/4	89,888	1/4	82,832	1/4	75,776	1/4	68,720	1/4	61,664	1/4	54,608	1/4	47,552	1/4	40,496	1/4	33,440	
1/2	1/2	89,741	1/2	82,685	1/2	75,629	1/2	68,573	1/2	61,517	1/2	54,461	1/2	47,405	1/2	40,349	1/2	33,293	
3/4	3/4	89,594	3/4	82,538	3/4	75,482	3/4	68,426	3/4	61,370	3/4	54,314	3/4	47,258	3/4	40,202	3/4	33,146	
4	4	89,447	4	82,391	4	75,335	4	68,279	4	61,223	4	54,167	4	47,111	4	40,055	4	32,999	
1/4	1/4	89,300	1/4	82,244	1/4	75,188	1/4	68,132	1/4	61,076	1/4	54,020	1/4	46,964	1/4	39,908	1/4	32,852	
1/2	1/2	89,153	1/2	82,097	1/2	75,041	1/2	67,985	1/2	60,929	1/2	53,873	1/2	46,817	1/2	39,761	1/2	32,705	
3/4	3/4	89,006	3/4	81,950	3/4	74,894	3/4	67,838	3/4	60,782	3/4	53,726	3/4	46,670	3/4	39,614	3/4	32,558	
5	5	88,859	5	81,803	5	74,747	5	67,691	5	60,635	5	53,579	5	46,523	5	39,467	5	32,411	
1/4	1/4	88,712	1/4	81,656	1/4	74,600	1/4	67,544	1/4	60,488	1/4	53,432	1/4	46,376	1/4	39,320	1/4	32,264	
1/2	1/2	88,565	1/2	81,509	1/2	74,453	1/2	67,397	1/2	60,341	1/2	53,285	1/2	46,229	1/2	39,173	1/2	32,117	
3/4	3/4	88,418	3/4	81,362	3/4	74,306	3/4	67,250	3/4	60,194	3/4	53,138	3/4	46,082	3/4	39,026	3/4	31,970	
6	6	88,271	6	81,215	6	74,159	6	67,103	6	60,047	6	52,991	6	45,935	6	38,879	6	31,823	
1/4	1/4	88,124	1/4	81,068	1/4	74,012	1/4	66,956	1/4	59,900	1/4	52,844	1/4	45,788	1/4	38,732	1/4	31,676	
1/2	1/2	87,977	1/2	80,921	1/2	73,865	1/2	66,809	1/2	59,753	1/2	52,697	1/2	45,641	1/2	38,585	1/2	31,529	
3/4	3/4	87,830	3/4	80,774	3/4	73,718	3/4	66,662	3/4	59,606	3/4	52,550	3/4	45,494	3/4	38,438	3/4	31,382	
7	7	87,683	7	80,627	7	73,571	7	66,515	7	59,459	7	52,403	7	45,347	7	38,291	7	31,235	
1/4	1/4	87,536	1/4	80,480	1/4	73,424	1/4	66,368	1/4	59,312	1/4	52,256	1/4	45,200	1/4	38,144	1/4	31,088	
1/2	1/2	87,389	1/2	80,333	1/2	73,277	1/2	66,221	1/2	59,165	1/2	52,109	1/2	45,053	1/2	37,997	1/2	30,941	
3/4	3/4	87,242	3/4	80,186	3/4	73,130	3/4	66,074	3/4	59,018	3/4	51,962	3/4	44,906	3/4	37,850	3/4	30,794	
8	8	87,095	8	80,039	8	72,983	8	65,927	8	58,871	8	51,815	8	44,759	8	37,703	8	30,647	
1/4	1/4	86,948	1/4	79,892	1/4	72,836	1/4	65,780	1/4	58,724	1/4	51,668	1/4	44,612	1/4	37,556	1/4	30,500	
1/2	1/2	86,801	1/2	79,745	1/2	72,689	1/2	65,633	1/2	58,577	1/2	51,521	1/2	44,465	1/2	37,409	1/2	30,353	
3/4	3/4	86,654	3/4	79,598	3/4	72,542	3/4	65,486	3/4	58,430	3/4	51,374	3/4	44,318	3/4	37,262	3/4	30,206	
9	9	86,507	9	79,451	9	72,395	9	65,339	9	58,283	9	51,227	9	44,171	9	37,115	9	30,059	
1/4	1/4	86,360	1/4	79,304	1/4	72,248	1/4	65,192	1/4	58,136	1/4	51,080	1/4	44,024	1/4	36,968	1/4	29,912	
1/2	1/2	86,213	1/2	79,157	1/2	72,101	1/2	65,045	1/2	57,989	1/2	50,933	1/2	43,877	1/2	36,821	1/2	29,765	
3/4	3/4	86,066	3/4	79,010	3/4	71,954	3/4	64,898	3/4	57,842	3/4	50,786	3/4	43,730	3/4	36,674	3/4	29,618	
10	10	85,919	10	78,863	10	71,807	10	64,751	10	57,695	10	50,639	10	43,583	10	36,527	10	29,471	
1/4	1/4	85,772	1/4	78,716	1/4	71,660	1/4	64,604	1/4	57,548	1/4	50,492	1/4	43,436	1/4	36,380	1/4	29,324	
1/2	1/2	85,625	1/2	78,569	1/2	71,513	1/2	64,457	1/2	57,401	1/2	50,345	1/2	43,289	1/2	36,233	1/2	29,177	
3/4	3/4	85,478	3/4	78,422	3/4	71,366	3/4	64,310	3/4	57,254	3/4	50,198	3/4	43,142	3/4	36,086	3/4	29,030	
11	11	85,331	11	78,275	11	71,219	11	64,163	11	57,107	11	50,051	11	42,995	11	35,939	11	28,883	
1/4	1/4	85,184	1/4	78,128	1/4	71,072	1/4	64,016	1/4	56,960	1/4	49,904	1/4	42,848	1/4	35,792	1/4	28,736	
5/8	5/8	85,037	1/2	77,981	1/2	70,925	1/2	63,869	1/2	56,813	1/2	49,757	1/2	42,701	1/2	35,645	1/2	28,589	
3/4	3/4	84,890	3/4	77,834	3/4	70,778	3/4	63,722	3/4	56,666	3/4	49,610	3/4	42,554	3/4	35,498	3/4	28,442	

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 NPMMS CHAPTER 2.7.

NOTE: CAPACITY TABLE APPLIES ONLY TO ULLAGE GAUGES OBTAINED WITH "MMC" GAUGING DEVICE, LOCATED 10'-7" OFF CENTRALLINE AND 21'-2" 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: 6/8/04 BY: KS-JM
 DATE COMPUTED: 6/8/04 BY: KS
 DATE ISSUED: 6/8/04

CERTIFIED TANK CALIBRATION, INC.

Bill A. Brown

CAPACITIES GIVEN IN WHOLE GALLONS

IN	12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		20 FT.		21 FT.	
	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N
0	28,295	0	21,239	0	14,183	0	7,127	0	432	0	0	0	0	0	0	0	0	0	0	0
1/4	28,148	1/4	21,092	1/4	14,036	1/4	6,980	1/8	396	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	28,001	1/2	20,945	1/2	13,889	1/2	6,833	1/2	350	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	27,854	3/4	20,798	3/4	13,742	3/4	6,686	3/4	304	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	27,707	1	20,651	1	13,595	1	6,539	1	258	1	1	1	1	1	1	1	1	1	1	1
1/4	27,560	1/4	20,504	1/4	13,448	1/4	6,392	1/4	212	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	27,413	1/2	20,357	1/2	13,301	1/2	6,245	1/2	166	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	27,266	3/4	20,210	3/4	13,154	3/4	6,098	3/4	120	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	27,119	2	20,063	2	13,007	2	5,951	2	74	2	2	2	2	2	2	2	2	2	2	2
1/4	26,972	1/4	19,916	1/4	12,860	1/4	5,804	1/4	28	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	26,825	1/2	19,769	1/2	12,713	1/2	5,657	1/2	82	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	26,678	3/4	19,622	3/4	12,566	3/4	5,510	3/4	36	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	26,531	3	19,475	3	12,419	3	5,363	3	90	3	3	3	3	3	3	3	3	3	3	3
1/4	26,384	1/4	19,328	1/4	12,272	1/4	5,216	1/4	144	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	26,237	1/2	19,181	1/2	12,125	1/2	5,069	1/2	198	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	26,090	3/4	19,034	3/4	11,978	3/4	4,922	3/4	252	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	25,943	4	18,887	4	11,831	4	4,776	4	306	4	4	4	4	4	4	4	4	4	4	4
1/4	25,796	1/4	18,740	1/4	11,684	1/4	4,629	1/4	360	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	25,649	1/2	18,593	1/2	11,537	1/2	4,483	1/2	414	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	25,502	3/4	18,446	3/4	11,390	3/4	4,337	3/4	468	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	25,355	5	18,299	5	11,243	5	4,190	5	522	5	5	5	5	5	5	5	5	5	5	5
1/4	25,208	1/4	18,152	1/4	11,096	1/4	4,044	1/4	576	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	25,061	1/2	18,005	1/2	10,949	1/2	3,898	1/2	630	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	24,914	3/4	17,858	3/4	10,802	3/4	3,752	3/4	684	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	24,767	6	17,711	6	10,655	6	3,605	6	738	6	6	6	6	6	6	6	6	6	6	6
1/4	24,620	1/4	17,564	1/4	10,508	1/4	3,459	1/4	792	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	24,473	1/2	17,417	1/2	10,361	1/2	3,313	1/2	846	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	24,326	3/4	17,270	3/4	10,214	3/4	3,166	3/4	900	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	24,179	7	17,123	7	10,067	7	3,020	7	954	7	7	7	7	7	7	7	7	7	7	7
1/4	24,032	1/4	16,976	1/4	9,920	1/4	2,874	1/4	1,008	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	23,885	1/2	16,829	1/2	9,773	1/2	2,727	1/2	1,062	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	23,738	3/4	16,682	3/4	9,626	3/4	2,581	3/4	1,116	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	23,591	8	16,535	8	9,479	8	2,435	8	1,170	8	8	8	8	8	8	8	8	8	8	8
1/4	23,444	1/4	16,388	1/4	9,332	1/4	2,288	1/4	1,224	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	23,297	1/2	16,241	1/2	9,185	1/2	2,142	1/2	1,278	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	23,150	3/4	16,094	3/4	9,038	3/4	1,996	3/4	1,332	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	23,003	9	15,947	9	8,891	9	1,849	9	1,386	9	9	9	9	9	9	9	9	9	9	9
1/4	22,856	1/4	15,800	1/4	8,744	1/4	1,703	1/4	1,440	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	22,709	1/2	15,653	1/2	8,597	1/2	1,557	1/2	1,494	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	22,562	3/4	15,506	3/4	8,450	3/4	1,417	3/4	1,548	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	22,415	10	15,359	10	8,303	10	1,285	10	1,602	10	10	10	10	10	10	10	10	10	10	10
1/4	22,268	1/4	15,212	1/4	8,156	1/4	1,153	1/4	1,656	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	22,121	1/2	15,065	1/2	8,009	1/2	1,020	1/2	1,710	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	21,974	3/4	14,918	3/4	7,862	3/4	903	3/4	1,764	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	21,827	11	14,771	11	7,715	11	800	11	1,818	11	11	11	11	11	11	11	11	11	11	11
1/4	21,680	1/4	14,624	1/4	7,568	1/4	697	1/4	1,872	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	21,533	1/2	14,477	1/2	7,421	1/2	594	1/2	1,926	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	21,386	3/4	14,330	3/4	7,274	3/4	506	3/4	1,980	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

GAUGE HEIGHT ^{1/2} 0 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: 6/6/94 BY: KS-JM
DATE COMPUTED: 6/8/94 BY: KS
DATE ISSUED: 6/8/94

CERTIFIED TANK CALIBRATION, INC.

Paul A. Rose

CAPACITIES GIVEN IN WHOLE GALLONS

IN	12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		20 FT.		21 FT.	
	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N
0	26,712	0	19,855	0	12,998	0	6,140	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	26,569	1/4	19,712	1/4	12,855	1/4	5,997	1/4	5,997	1/4	5,997	1/4	5,997	1/4	5,997	1/4	5,997	1/4	5,997	1/4
1/2	26,426	1/2	19,569	1/2	12,712	1/2	5,855	1/2	5,855	1/2	5,855	1/2	5,855	1/2	5,855	1/2	5,855	1/2	5,855	1/2
3/4	26,284	3/4	19,426	3/4	12,569	3/4	5,712	3/4	5,712	3/4	5,712	3/4	5,712	3/4	5,712	3/4	5,712	3/4	5,712	3/4
1	26,141	1	19,283	1	12,426	1	5,569	1	5,569	1	5,569	1	5,569	1	5,569	1	5,569	1	5,569	1
1/4	25,998	1/4	19,141	1/4	12,283	1/4	5,426	1/4	5,426	1/4	5,426	1/4	5,426	1/4	5,426	1/4	5,426	1/4	5,426	1/4
1/2	25,855	1/2	18,998	1/2	12,140	1/2	5,283	1/2	5,283	1/2	5,283	1/2	5,283	1/2	5,283	1/2	5,283	1/2	5,283	1/2
3/4	25,712	3/4	18,855	3/4	11,998	3/4	5,140	3/4	5,140	3/4	5,140	3/4	5,140	3/4	5,140	3/4	5,140	3/4	5,140	3/4
2	25,569	2	18,712	2	11,855	2	4,997	2	4,997	2	4,997	2	4,997	2	4,997	2	4,997	2	4,997	2
1/4	25,426	1/4	18,569	1/4	11,712	1/4	4,855	1/4	4,855	1/4	4,855	1/4	4,855	1/4	4,855	1/4	4,855	1/4	4,855	1/4
1/2	25,283	1/2	18,426	1/2	11,569	1/2	4,712	1/2	4,712	1/2	4,712	1/2	4,712	1/2	4,712	1/2	4,712	1/2	4,712	1/2
3/4	25,141	3/4	18,283	3/4	11,426	3/4	4,570	3/4	4,570	3/4	4,570	3/4	4,570	3/4	4,570	3/4	4,570	3/4	4,570	3/4
3	24,998	3	18,140	3	11,283	3	4,428	3	4,428	3	4,428	3	4,428	3	4,428	3	4,428	3	4,428	3
1/4	24,855	1/4	17,998	1/4	11,140	1/4	4,286	1/4	4,286	1/4	4,286	1/4	4,286	1/4	4,286	1/4	4,286	1/4	4,286	1/4
1/2	24,712	1/2	17,855	1/2	10,997	1/2	4,144	1/2	4,144	1/2	4,144	1/2	4,144	1/2	4,144	1/2	4,144	1/2	4,144	1/2
3/4	24,569	3/4	17,712	3/4	10,855	3/4	4,001	3/4	4,001	3/4	4,001	3/4	4,001	3/4	4,001	3/4	4,001	3/4	4,001	3/4
4	24,426	4	17,569	4	10,712	4	3,859	4	3,859	4	3,859	4	3,859	4	3,859	4	3,859	4	3,859	4
1/4	24,283	1/4	17,426	1/4	10,569	1/4	3,717	1/4	3,717	1/4	3,717	1/4	3,717	1/4	3,717	1/4	3,717	1/4	3,717	1/4
1/2	24,141	1/2	17,283	1/2	10,426	1/2	3,575	1/2	3,575	1/2	3,575	1/2	3,575	1/2	3,575	1/2	3,575	1/2	3,575	1/2
3/4	23,998	3/4	17,140	3/4	10,283	3/4	3,433	3/4	3,433	3/4	3,433	3/4	3,433	3/4	3,433	3/4	3,433	3/4	3,433	3/4
5	23,855	5	16,998	5	10,140	5	3,290	5	3,290	5	3,290	5	3,290	5	3,290	5	3,290	5	3,290	5
1/4	23,712	1/4	16,855	1/4	9,997	1/4	3,148	1/4	3,148	1/4	3,148	1/4	3,148	1/4	3,148	1/4	3,148	1/4	3,148	1/4
1/2	23,569	1/2	16,712	1/2	9,855	1/2	3,006	1/2	3,006	1/2	3,006	1/2	3,006	1/2	3,006	1/2	3,006	1/2	3,006	1/2
3/4	23,426	3/4	16,569	3/4	9,712	3/4	2,864	3/4	2,864	3/4	2,864	3/4	2,864	3/4	2,864	3/4	2,864	3/4	2,864	3/4
6	23,283	6	16,426	6	9,569	6	2,722	6	2,722	6	2,722	6	2,722	6	2,722	6	2,722	6	2,722	6
1/4	23,141	1/4	16,283	1/4	9,426	1/4	2,580	1/4	2,580	1/4	2,580	1/4	2,580	1/4	2,580	1/4	2,580	1/4	2,580	1/4
1/2	22,998	1/2	16,140	1/2	9,283	1/2	2,437	1/2	2,437	1/2	2,437	1/2	2,437	1/2	2,437	1/2	2,437	1/2	2,437	1/2
3/4	22,855	3/4	15,998	3/4	9,140	3/4	2,295	3/4	2,295	3/4	2,295	3/4	2,295	3/4	2,295	3/4	2,295	3/4	2,295	3/4
7	22,712	7	15,855	7	8,997	7	2,153	7	2,153	7	2,153	7	2,153	7	2,153	7	2,153	7	2,153	7
1/4	22,569	1/4	15,712	1/4	8,855	1/4	2,011	1/4	2,011	1/4	2,011	1/4	2,011	1/4	2,011	1/4	2,011	1/4	2,011	1/4
1/2	22,426	1/2	15,569	1/2	8,712	1/2	1,869	1/2	1,869	1/2	1,869	1/2	1,869	1/2	1,869	1/2	1,869	1/2	1,869	1/2
3/4	22,283	3/4	15,426	3/4	8,569	3/4	1,726	3/4	1,726	3/4	1,726	3/4	1,726	3/4	1,726	3/4	1,726	3/4	1,726	3/4
8	22,141	8	15,283	8	8,426	8	1,584	8	1,584	8	1,584	8	1,584	8	1,584	8	1,584	8	1,584	8
1/4	21,998	1/4	15,140	1/4	8,283	1/4	1,442	1/4	1,442	1/4	1,442	1/4	1,442	1/4	1,442	1/4	1,442	1/4	1,442	1/4
1/2	21,855	1/2	14,998	1/2	8,140	1/2	1,314	1/2	1,314	1/2	1,314	1/2	1,314	1/2	1,314	1/2	1,314	1/2	1,314	1/2
3/4	21,712	3/4	14,855	3/4	7,997	3/4	1,185	3/4	1,185	3/4	1,185	3/4	1,185	3/4	1,185	3/4	1,185	3/4	1,185	3/4
9	21,569	9	14,712	9	7,855	9	1,056	9	1,056	9	1,056	9	1,056	9	1,056	9	1,056	9	1,056	9
1/4	21,426	1/4	14,569	1/4	7,712	1/4	928	1/4	928	1/4	928	1/4	928	1/4	928	1/4	928	1/4	928	1/4
1/2	21,283	1/2	14,426	1/2	7,569	1/2	828	1/2	828	1/2	828	1/2	828	1/2	828	1/2	828	1/2	828	1/2
3/4	21,141	3/4	14,283	3/4	7,426	3/4	728	3/4	728	3/4	728	3/4	728	3/4	728	3/4	728	3/4	728	3/4
10	20,998	10	14,140	10	7,283	10	628	10	628	10	628	10	628	10	628	10	628	10	628	10
1/4	20,855	1/4	13,998	1/4	7,140	1/4	528	1/4	528	1/4	528	1/4	528	1/4	528	1/4	528	1/4	528	1/4
1/2	20,712	1/2	13,855	1/2	6,997	1/2	456	1/2	456	1/2	456	1/2	456	1/2	456	1/2	456	1/2	456	1/2
3/4	20,569	3/4	13,712	3/4	6,855	3/4	385	3/4	385	3/4	385	3/4	385	3/4	385	3/4	385	3/4	385	3/4
11	20,426	11	13,569	11	6,712	11	314	11	314	11	314	11	314	11	314	11	314	11	314	11
1/4	20,283	1/4	13,426	1/4	6,569	1/4	242	1/4	242	1/4	242	1/4	242	1/4	242	1/4	242	1/4	242	1/4
1/2	20,141	1/2	13,283	1/2	6,426	1/2	171	1/2	171	1/2	171	1/2	171	1/2	171	1/2	171	1/2	171	1/2
3/4	19,998	3/4	13,140	3/4	6,283	3/4	100	3/4	100	3/4	100	3/4	100	3/4	100	3/4	100	3/4	100	3/4

GAUGE HEIGHT: 15'-10 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: 6/6/94 BY: KS-JM
DATE COMPUTED: 6/6/94 BY: KS
DATE ISSUED: 6/6/94

CERTIFIED TANK CALIBRATION, INC.

Bill J. Row

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.	
M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N
0	28,004	0	20,966	0	13,927	0	6,889	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	27,857	1/4	20,819	1/4	13,781	1/4	6,742	1/4	6,742	1/4	6,742	1/4	6,742	1/4	6,742	1/4	6,742	1/4	6,742	1/4	6,742
1/2	27,711	1/2	20,672	1/2	13,634	1/2	6,596	1/2	6,596	1/2	6,596	1/2	6,596	1/2	6,596	1/2	6,596	1/2	6,596	1/2	6,596
3/4	27,564	3/4	20,526	3/4	13,487	3/4	6,449	3/4	6,449	3/4	6,449	3/4	6,449	3/4	6,449	3/4	6,449	3/4	6,449	3/4	6,449
1	27,418	1	20,379	1	13,341	1	6,302	1	6,302	1	6,302	1	6,302	1	6,302	1	6,302	1	6,302	1	6,302
1/4	27,271	1/4	20,233	1/4	13,194	1/4	6,156	1/4	6,156	1/4	6,156	1/4	6,156	1/4	6,156	1/4	6,156	1/4	6,156	1/4	6,156
1/2	27,124	1/2	20,086	1/2	13,048	1/2	6,009	1/2	6,009	1/2	6,009	1/2	6,009	1/2	6,009	1/2	6,009	1/2	6,009	1/2	6,009
3/4	26,978	3/4	19,939	3/4	12,901	3/4	5,863	3/4	5,863	3/4	5,863	3/4	5,863	3/4	5,863	3/4	5,863	3/4	5,863	3/4	5,863
1	26,831	1	19,793	1	12,754	1	5,716	1	5,716	1	5,716	1	5,716	1	5,716	1	5,716	1	5,716	1	5,716
1/4	26,684	1/4	19,646	1/4	12,608	1/4	5,569	1/4	5,569	1/4	5,569	1/4	5,569	1/4	5,569	1/4	5,569	1/4	5,569	1/4	5,569
1/2	26,538	1/2	19,499	1/2	12,461	1/2	5,423	1/2	5,423	1/2	5,423	1/2	5,423	1/2	5,423	1/2	5,423	1/2	5,423	1/2	5,423
3/4	26,391	3/4	19,353	3/4	12,314	3/4	5,276	3/4	5,276	3/4	5,276	3/4	5,276	3/4	5,276	3/4	5,276	3/4	5,276	3/4	5,276
1	26,244	1	19,206	1	12,168	1	5,129	1	5,129	1	5,129	1	5,129	1	5,129	1	5,129	1	5,129	1	5,129
1/4	26,098	1/4	19,059	1/4	12,021	1/4	4,983	1/4	4,983	1/4	4,983	1/4	4,983	1/4	4,983	1/4	4,983	1/4	4,983	1/4	4,983
1/2	25,951	1/2	18,913	1/2	11,875	1/2	4,837	1/2	4,837	1/2	4,837	1/2	4,837	1/2	4,837	1/2	4,837	1/2	4,837	1/2	4,837
3/4	25,805	3/4	18,766	3/4	11,728	3/4	4,691	3/4	4,691	3/4	4,691	3/4	4,691	3/4	4,691	3/4	4,691	3/4	4,691	3/4	4,691
1	25,658	1	18,620	1	11,581	1	4,545	1	4,545	1	4,545	1	4,545	1	4,545	1	4,545	1	4,545	1	4,545
1/4	25,511	1/4	18,473	1/4	11,435	1/4	4,399	1/4	4,399	1/4	4,399	1/4	4,399	1/4	4,399	1/4	4,399	1/4	4,399	1/4	4,399
1/2	25,365	1/2	18,326	1/2	11,288	1/2	4,253	1/2	4,253	1/2	4,253	1/2	4,253	1/2	4,253	1/2	4,253	1/2	4,253	1/2	4,253
3/4	25,218	3/4	18,180	3/4	11,141	3/4	4,107	3/4	4,107	3/4	4,107	3/4	4,107	3/4	4,107	3/4	4,107	3/4	4,107	3/4	4,107
1	25,071	1	18,033	1	10,995	1	3,961	1	3,961	1	3,961	1	3,961	1	3,961	1	3,961	1	3,961	1	3,961
1/4	24,925	1/4	17,886	1/4	10,848	1/4	3,815	1/4	3,815	1/4	3,815	1/4	3,815	1/4	3,815	1/4	3,815	1/4	3,815	1/4	3,815
1/2	24,778	1/2	17,740	1/2	10,701	1/2	3,669	1/2	3,669	1/2	3,669	1/2	3,669	1/2	3,669	1/2	3,669	1/2	3,669	1/2	3,669
3/4	24,632	3/4	17,593	3/4	10,555	3/4	3,523	3/4	3,523	3/4	3,523	3/4	3,523	3/4	3,523	3/4	3,523	3/4	3,523	3/4	3,523
1	24,485	1	17,447	1	10,408	1	3,377	1	3,377	1	3,377	1	3,377	1	3,377	1	3,377	1	3,377	1	3,377
1/4	24,338	1/4	17,300	1/4	10,262	1/4	3,231	1/4	3,231	1/4	3,231	1/4	3,231	1/4	3,231	1/4	3,231	1/4	3,231	1/4	3,231
1/2	24,192	1/2	17,153	1/2	10,115	1/2	3,085	1/2	3,085	1/2	3,085	1/2	3,085	1/2	3,085	1/2	3,085	1/2	3,085	1/2	3,085
3/4	24,045	3/4	17,007	3/4	9,968	3/4	2,939	3/4	2,939	3/4	2,939	3/4	2,939	3/4	2,939	3/4	2,939	3/4	2,939	3/4	2,939
1	23,898	1	16,860	1	9,822	1	2,793	1	2,793	1	2,793	1	2,793	1	2,793	1	2,793	1	2,793	1	2,793
1/4	23,752	1/4	16,713	1/4	9,675	1/4	2,647	1/4	2,647	1/4	2,647	1/4	2,647	1/4	2,647	1/4	2,647	1/4	2,647	1/4	2,647
1/2	23,605	1/2	16,567	1/2	9,528	1/2	2,502	1/2	2,502	1/2	2,502	1/2	2,502	1/2	2,502	1/2	2,502	1/2	2,502	1/2	2,502
3/4	23,458	3/4	16,420	3/4	9,382	3/4	2,356	3/4	2,356	3/4	2,356	3/4	2,356	3/4	2,356	3/4	2,356	3/4	2,356	3/4	2,356
1	23,312	1	16,273	1	9,235	1	2,210	1	2,210	1	2,210	1	2,210	1	2,210	1	2,210	1	2,210	1	2,210
1/4	23,165	1/4	16,127	1/4	9,088	1/4	2,064	1/4	2,064	1/4	2,064	1/4	2,064	1/4	2,064	1/4	2,064	1/4	2,064	1/4	2,064
1/2	23,019	1/2	15,980	1/2	8,942	1/2	1,918	1/2	1,918	1/2	1,918	1/2	1,918	1/2	1,918	1/2	1,918	1/2	1,918	1/2	1,918
3/4	22,872	3/4	15,834	3/4	8,795	3/4	1,772	3/4	1,772	3/4	1,772	3/4	1,772	3/4	1,772	3/4	1,772	3/4	1,772	3/4	1,772
1	22,725	1	15,687	1	8,649	1	1,626	1	1,626	1	1,626	1	1,626	1	1,626	1	1,626	1	1,626	1	1,626
1/4	22,579	1/4	15,540	1/4	8,502	1/4	1,480	1/4	1,480	1/4	1,480	1/4	1,480	1/4	1,480	1/4	1,480	1/4	1,480	1/4	1,480
1/2	22,432	1/2	15,394	1/2	8,355	1/2	1,348	1/2	1,348	1/2	1,348	1/2	1,348	1/2	1,348	1/2	1,348	1/2	1,348	1/2	1,348
3/4	22,285	3/4	15,247	3/4	8,209	3/4	1,216	3/4	1,216	3/4	1,216	3/4	1,216	3/4	1,216	3/4	1,216	3/4	1,216	3/4	1,216
1	22,139	1	15,100	1	8,062	1	1,084	1	1,084	1	1,084	1	1,084	1	1,084	1	1,084	1	1,084	1	1,084
1/4	21,992	1/4	14,954	1/4	7,915	1/4	982	1/4	982	1/4	982	1/4	982	1/4	982	1/4	982	1/4	982	1/4	982
1/2	21,846	1/2	14,807	1/2	7,769	1/2	849	1/2	849	1/2	849	1/2	849	1/2	849	1/2	849	1/2	849	1/2	849
3/4	21,699	3/4	14,661	3/4	7,622	3/4	747	3/4	747	3/4	747	3/4	747	3/4	747	3/4	747	3/4	747	3/4	747
1	21,552	1	14,514	1	7,476	1	644	1	644	1	644	1	644	1	644	1	644	1	644	1	644
1/4	21,406	1/4	14,367	1/4	7,329	1/4	541	1/4	541	1/4	541	1/4	541	1/4	541	1/4	541	1/4	541	1/4	541
1/2	21,259	1/2	14,221	1/2	7,182	1/2	468	1/2	468	1/2	468	1/2	468	1/2	468	1/2	468	1/2	468	1/2	468
3/4	21,112	3/4	14,074	3/4	7,036	3/4	395	3/4	395	3/4	395	3/4	395	3/4	395	3/4	395	3/4	395	3/4	395

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: 6/6/04 BY: KS-JM
DATE COMPUTED: 6/6/04 BY: KS
DATE ISSUED: 6/8/04

CERTIFIED TANK CALIBRATION, INC.

Bill A. Rose

CAPACITIES GIVEN IN WHOLE GALLONS											GAUGE HEIGHT 16'-4 7/8"								
M	2 FT.	M	3 FT.	M	4 FT.	M	5 FT.	M	6 FT.	M	7 FT.	M	8 FT.	M	9 FT.	M	10 FT.	M	11 FT.
0	0	173,167	0	161,813	0	148,568	0	135,324	0	122,080	0	108,835	0	95,591	0	82,346	0	69,102	
1/4	1/4	173,112	1/4	161,537	1/4	148,292	1/4	135,048	1/4	121,804	1/4	108,559	1/4	95,315	1/4	82,070	1/4	68,826	
1/2	1/2	173,029	1/2	161,261	1/2	148,016	1/2	134,772	1/2	121,528	1/2	108,283	1/2	95,039	1/2	81,794	1/2	68,550	
3/4	3/4	172,946	3/4	160,985	3/4	147,741	3/4	134,496	3/4	121,252	3/4	108,007	3/4	94,763	3/4	81,519	3/4	68,274	
1	1	172,863	1	160,709	1	147,465	1	134,220	1	120,976	1	107,731	1	94,487	1	81,243	1	67,998	
1/4	1/4	172,753	1/4	160,433	1/4	147,189	1/4	133,944	1/4	120,700	1/4	107,455	1/4	94,211	1/4	80,967	1/4	67,722	
1/2	1/2	172,615	1/2	160,157	1/2	146,913	1/2	133,668	1/2	120,424	1/2	107,180	1/2	93,935	1/2	80,691	1/2	67,446	
3/4	3/4	172,477	3/4	159,881	3/4	146,637	3/4	133,392	3/4	120,148	3/4	106,904	3/4	93,659	3/4	80,415	3/4	67,170	
2	2	172,339	2	159,605	2	146,361	2	133,117	2	119,872	2	106,628	2	93,383	2	80,139	2	66,894	
1/4	1/4	172,174	1/4	159,329	1/4	146,085	1/4	132,841	1/4	119,596	1/4	106,352	1/4	93,107	1/4	79,863	1/4	66,619	
1/2	1/2	171,981	1/2	159,053	1/2	145,809	1/2	132,565	1/2	119,320	1/2	106,076	1/2	92,831	1/2	79,587	1/2	66,343	
3/4	3/4	171,787	3/4	158,778	3/4	145,533	3/4	132,289	3/4	119,044	3/4	105,800	3/4	92,556	3/4	79,311	3/4	66,067	
3	3	171,594	3	158,502	3	145,257	3	132,013	3	118,768	3	105,524	3	92,280	3	79,035	3	65,791	
1/4	1/4	171,374	1/4	158,226	1/4	144,981	1/4	131,737	1/4	118,492	1/4	105,248	1/4	92,004	1/4	78,759	1/4	65,515	
1/2	1/2	171,125	1/2	157,950	1/2	144,705	1/2	131,461	1/2	118,217	1/2	104,972	1/2	91,728	1/2	78,483	1/2	65,239	
3/4	3/4	170,877	3/4	157,674	3/4	144,429	3/4	131,185	3/4	117,941	3/4	104,696	3/4	91,452	3/4	78,207	3/4	64,963	
4	4	170,629	4	157,398	4	144,154	4	130,909	4	117,665	4	104,420	4	91,176	4	77,931	4	64,687	
1/4	1/4	170,366	1/4	157,122	1/4	143,878	1/4	130,633	1/4	117,389	1/4	104,144	1/4	90,900	1/4	77,655	1/4	64,411	
1/2	1/2	170,090	1/2	156,846	1/2	143,602	1/2	130,357	1/2	117,113	1/2	103,868	1/2	90,624	1/2	77,380	1/2	64,135	
3/4	3/4	169,815	3/4	156,570	3/4	143,326	3/4	130,081	3/4	116,837	3/4	103,593	3/4	90,348	3/4	77,104	3/4	63,859	
5	5	169,539	5	156,294	5	143,050	5	129,805	5	116,561	5	103,317	5	90,072	5	76,828	5	63,583	
1/4	1/4	169,263	1/4	156,018	1/4	142,774	1/4	129,529	1/4	116,285	1/4	103,041	1/4	89,796	1/4	76,552	1/4	63,307	
1/2	1/2	168,987	1/2	155,742	1/2	142,498	1/2	129,254	1/2	116,009	1/2	102,765	1/2	89,520	1/2	76,276	1/2	63,032	
3/4	3/4	168,711	3/4	155,466	3/4	142,222	3/4	128,978	3/4	115,733	3/4	102,489	3/4	89,244	3/4	76,000	3/4	62,756	
6	6	168,435	6	155,191	6	141,946	6	128,702	6	115,457	6	102,213	6	88,968	6	75,724	6	62,480	
1/4	1/4	168,159	1/4	154,915	1/4	141,670	1/4	128,426	1/4	115,181	1/4	101,937	1/4	88,693	1/4	75,448	1/4	62,204	
1/2	1/2	167,883	1/2	154,639	1/2	141,394	1/2	128,150	1/2	114,905	1/2	101,661	1/2	88,417	1/2	75,172	1/2	61,928	
3/4	3/4	167,607	3/4	154,363	3/4	141,118	3/4	127,874	3/4	114,630	3/4	101,385	3/4	88,141	3/4	74,896	3/4	61,652	
7	7	167,331	7	154,087	7	140,842	7	127,598	7	114,354	7	101,109	7	87,865	7	74,620	7	61,376	
1/4	1/4	167,055	1/4	153,811	1/4	140,566	1/4	127,322	1/4	114,078	1/4	100,833	1/4	87,589	1/4	74,344	1/4	61,100	
1/2	1/2	166,779	1/2	153,535	1/2	140,291	1/2	127,046	1/2	113,802	1/2	100,557	1/2	87,313	1/2	74,068	1/2	60,824	
3/4	3/4	166,503	3/4	153,259	3/4	140,015	3/4	126,770	3/4	113,526	3/4	100,281	3/4	87,037	3/4	73,792	3/4	60,548	
8	8	166,228	8	152,983	8	139,739	8	126,494	8	113,250	8	100,005	8	86,761	8	73,517	8	60,272	
1/4	1/4	165,952	1/4	152,707	1/4	139,463	1/4	126,218	1/4	112,974	1/4	99,730	1/4	86,485	1/4	73,241	1/4	59,996	
1/2	1/2	165,676	1/2	152,431	1/2	139,187	1/2	125,942	1/2	112,698	1/2	99,454	1/2	86,209	1/2	72,965	1/2	59,720	
3/4	3/4	165,400	3/4	152,155	3/4	138,911	3/4	125,667	3/4	112,422	3/4	99,178	3/4	85,933	3/4	72,689	3/4	59,445	
9	9	165,124	9	151,879	9	138,635	9	125,391	9	112,146	9	98,902	9	85,657	9	72,413	9	59,169	
1/4	1/4	164,848	1/4	151,603	1/4	138,359	1/4	125,115	1/4	111,870	1/4	98,626	1/4	85,381	1/4	72,137	1/4	58,893	
1/2	1/2	164,572	1/2	151,328	1/2	138,083	1/2	124,839	1/2	111,594	1/2	98,350	1/2	85,106	1/2	71,861	1/2	58,617	
3/4	3/4	164,296	3/4	151,052	3/4	137,807	3/4	124,563	3/4	111,318	3/4	98,074	3/4	84,830	3/4	71,585	3/4	58,341	
10	10	164,020	10	150,776	10	137,531	10	124,287	10	111,043	10	97,798	10	84,554	10	71,309	10	58,065	
1/4	1/4	163,744	1/4	150,500	1/4	137,255	1/4	124,011	1/4	110,767	1/4	97,522	1/4	84,278	1/4	71,033	1/4	57,789	
1/2	1/2	163,468	1/2	150,224	1/2	136,979	1/2	123,735	1/2	110,491	1/2	97,246	1/2	84,002	1/2	70,757	1/2	57,513	
3/4	3/4	163,192	3/4	149,948	3/4	136,704	3/4	123,459	3/4	110,215	3/4	96,970	3/4	83,726	3/4	70,482	3/4	57,237	
11	11	162,916	11	149,672	11	136,428	11	123,183	11	109,939	11	96,694	11	83,450	11	70,206	11	56,961	
1/4	1/4	162,640	1/4	149,396	1/4	136,152	1/4	122,907	1/4	109,663	1/4	96,418	1/4	83,174	1/4	69,930	1/4	56,685	
1/2	1/2	162,365	1/2	149,120	1/2	135,876	1/2	122,631	1/2	109,387	1/2	96,143	1/2	82,898	1/2	69,654	1/2	56,409	
7/8	7/8	162,089	7/8	148,844	7/8	135,600	7/8	122,355	7/8	109,111	7/8	95,867	7/8	82,622	7/8	69,378	7/8	56,133	

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH NIPMS CHAPTER 2.7.
 NOTE: CAPACITY TABLE APPLIES ONLY TO ULLAGE GAUGES OBTAINED WITH "MNC" GAUGING DEVICE.
 LOCATED 1'-10" OFF CENTERLINE AND 23'-7" FORWARD OF AFT. BULKHEAD.
 NOTE: CAPACITY TABLE APPLIES ONLY WHEN BARGE IS ON EVEN KEEL.
 NOTE: CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

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

DATE STRAPPED: 6/8/84 BY: KS-JM
 DATE COMPUTED: 6/8/84 BY: KS
 DATE ISSUED: 6/8/84

CERTIFIED TANK CALIBRATION, INC.

Paul A. Rose

CAPACITIES GIVEN IN WHOLE GALLONS

IN	12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		20 FT.		21 FT.	
	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR
0	55,857	0	42,613	0	29,369	0	16,124	0	2,910	0	0	0	0	0	0	0	0	0	0	0
1/4	55,582	1/4	42,337	1/4	29,093	1/4	15,848	1/4	2,649	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	55,306	1/2	42,061	1/2	28,817	1/2	15,572	1/2	2,400	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	55,030	3/4	41,785	3/4	28,541	3/4	15,296	3/4	2,152	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	54,754	1	41,509	1	28,265	1	15,021	1	1,904	1	1	1	1	1	1	1	1	1	1	1
1/4	54,478	1/4	41,233	1/4	27,989	1/4	14,745	1/4	1,683	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	54,202	1/2	40,958	1/2	27,713	1/2	14,469	1/2	1,490	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53,926	3/4	40,682	3/4	27,437	3/4	14,193	3/4	1,297	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	53,650	2	40,406	2	27,161	2	13,917	2	1,103	2	2	2	2	2	2	2	2	2	2	2
1/4	53,374	1/4	40,130	1/4	26,885	1/4	13,641	1/4	938	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	53,098	1/2	39,854	1/2	26,609	1/2	13,365	1/2	800	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	52,822	3/4	39,578	3/4	26,333	3/4	13,089	3/4	662	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	52,546	3	39,302	3	26,058	3	12,813	3	524	3	3	3	3	3	3	3	3	3	3	3
1/4	52,270	1/4	39,026	1/4	25,782	1/4	12,537	1/4	414	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	51,995	1/2	38,750	1/2	25,506	1/2	12,261	1/2	331	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	51,719	3/4	38,474	3/4	25,230	3/4	11,985	3/4	248	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	51,443	4	38,198	4	24,954	4	11,709	4	165	4	4	4	4	4	4	4	4	4	4	4
1/4	51,167	1/4	37,922	1/4	24,678	1/4	11,434	1/4	110	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	50,891	1/2	37,646	1/2	24,402	1/2	11,158	1/2	83	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	50,615	3/4	37,370	3/4	24,126	3/4	10,882	3/4	55	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	50,339	5	37,095	5	23,850	5	10,606	5	41	5	5	5	5	5	5	5	5	5	5	5
1/4	50,063	1/4	36,819	1/4	23,574	1/4	10,330	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
1/2	49,787	1/2	36,543	1/2	23,298	1/2	10,054	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	49,511	3/4	36,267	3/4	23,022	3/4	9,778	3/4	1/2	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	49,235	6	35,991	6	22,746	6	9,502	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	48,959	1/4	35,715	1/4	22,471	1/4	9,227	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	48,683	1/2	35,439	1/2	22,195	1/2	8,952	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	48,408	3/4	35,163	3/4	21,919	3/4	8,678	3/4	1/2	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	48,132	7	34,887	7	21,643	7	8,403	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	47,856	1/4	34,611	1/4	21,367	1/4	8,128	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	47,580	1/2	34,335	1/2	21,091	1/2	7,854	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	47,304	3/4	34,059	3/4	20,815	3/4	7,579	3/4	1/2	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	47,028	8	33,783	8	20,539	8	7,304	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	46,752	1/4	33,508	1/4	20,263	1/4	7,030	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	46,476	1/2	33,232	1/2	19,987	1/2	6,755	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	46,200	3/4	32,956	3/4	19,711	3/4	6,480	3/4	1/2	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	45,924	9	32,680	9	19,435	9	6,206	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	45,648	1/4	32,404	1/4	19,159	1/4	5,931	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	45,372	1/2	32,128	1/2	18,884	1/2	5,656	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	45,096	3/4	31,852	3/4	18,608	3/4	5,382	3/4	1/2	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	44,820	10	31,576	10	18,332	10	5,107	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	44,544	1/4	31,300	1/4	18,056	1/4	4,833	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	44,268	1/2	31,024	1/2	17,780	1/2	4,558	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	43,993	3/4	30,748	3/4	17,504	3/4	4,283	3/4	1/2	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	43,717	11	30,472	11	17,228	11	4,009	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	43,441	1/4	30,196	1/4	16,952	1/4	3,734	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	43,165	1/2	29,921	1/2	16,676	1/2	3,459	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	42,889	3/4	29,645	3/4	16,400	3/4	3,185	3/4	1/2	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

GAUGE HEIGHT 16'-4 7/8"

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.

CERTIFIED TANK CALIBRATION, INC.

Bill G. Row

DATE STRAPPED: 6/6/04 BY: KS-JM
DATE COMPUTED: 6/8/04 BY: KS
DATE ISSUED: 6/8/04