

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										
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. Brown

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	139	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	139	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	139	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	139	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	42	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	42	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	42	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	42	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	42	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	42	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
88,437	88,437	81,563	81,563	74,688	74,688	67,813	67,813	60,938	60,938	54,064	54,064	47,189	47,189	40,314	40,314	33,440	33,440	26,565	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 G. Brown

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	11,956	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	70,484	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	

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.

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: 6/8/04 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		GAUGE HEIGHT ^{at 9 1/8"}	
IN	OUT	IN	OUT
0	28,295	0	21,239
1/4	28,148	1/4	21,092
1/2	28,001	1/2	20,945
3/4	27,854	3/4	20,798
1	27,707	1	20,651
1 1/4	27,560	1 1/4	20,504
1 1/2	27,413	1 1/2	20,357
1 3/4	27,266	1 3/4	20,210
2	27,119	2	20,063
1 1/4	26,972	1 1/4	19,916
1 1/2	26,825	1 1/2	19,769
1 3/4	26,678	1 3/4	19,622
3	26,531	3	19,475
1 1/4	26,384	1 1/4	19,328
1 1/2	26,237	1 1/2	19,181
1 3/4	26,090	1 3/4	19,034
4	25,943	4	18,887
1 1/4	25,796	1 1/4	18,740
1 1/2	25,649	1 1/2	18,593
1 3/4	25,502	1 3/4	18,446
5	25,355	5	18,299
1 1/4	25,208	1 1/4	18,152
1 1/2	25,061	1 1/2	18,005
1 3/4	24,914	1 3/4	17,858
6	24,767	6	17,711
1 1/4	24,620	1 1/4	17,564
1 1/2	24,473	1 1/2	17,417
1 3/4	24,326	1 3/4	17,270
7	24,179	7	17,123
1 1/4	24,032	1 1/4	16,976
1 1/2	23,885	1 1/2	16,829
1 3/4	23,738	1 3/4	16,682
8	23,591	8	16,535
1 1/4	23,444	1 1/4	16,388
1 1/2	23,297	1 1/2	16,241
1 3/4	23,150	1 3/4	16,094
9	23,003	9	15,947
1 1/4	22,856	1 1/4	15,800
1 1/2	22,709	1 1/2	15,653
1 3/4	22,562	1 3/4	15,506
10	22,415	10	15,359
1 1/4	22,268	1 1/4	15,212
1 1/2	22,121	1 1/2	15,065
1 3/4	21,974	1 3/4	14,918
11	21,827	11	14,771
1 1/4	21,680	1 1/4	14,624
1 1/2	21,533	1 1/2	14,477
1 3/4	21,386	1 3/4	14,330

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

CERTIFIED TANK CALIBRATION, INC.

Dale G. Rose

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 15'-10 3/4"

IN	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
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	88,285	1/4	81,428	1/4	74,570	1/4	67,713	1/4	60,856	1/4	54,000	1/4	47,143	1/4	40,286	1/4	33,429	1/4	26,572
1/2	1/2	88,142	1/2	81,285	1/2	74,427	1/2	67,570	1/2	60,713	1/2	53,856	1/2	47,000	1/2	40,143	1/2	33,286	1/2	26,429
3/4	3/4	87,999	3/4	81,142	3/4	74,285	3/4	67,427	3/4	60,570	3/4	53,713	3/4	46,856	3/4	40,000	3/4	33,143	3/4	26,286
1	1	87,856	1	80,999	1	74,142	1	67,284	1	60,427	1	53,570	1	46,713	1	39,856	1	33,000	1	26,143
1/4	1/4	87,713	1/4	80,856	1/4	73,999	1/4	67,142	1/4	60,284	1/4	53,427	1/4	46,570	1/4	39,713	1/4	32,856	1/4	26,000
1/2	1/2	87,570	1/2	80,713	1/2	73,856	1/2	66,999	1/2	60,141	1/2	53,284	1/2	46,427	1/2	39,570	1/2	32,713	1/2	25,856
3/4	3/4	87,428	3/4	80,570	3/4	73,713	3/4	66,856	3/4	59,999	3/4	53,141	3/4	46,284	3/4	39,427	3/4	32,570	3/4	25,713
2	2	87,285	2	80,427	2	73,570	2	66,713	2	59,856	2	52,999	2	46,141	2	39,284	2	32,427	2	25,570
1/4	1/4	87,142	1/4	80,285	1/4	73,427	1/4	66,570	1/4	59,713	1/4	52,856	1/4	45,999	1/4	39,141	1/4	32,284	1/4	25,427
1/2	1/2	86,999	1/2	80,142	1/2	73,284	1/2	66,427	1/2	59,570	1/2	52,713	1/2	45,856	1/2	38,999	1/2	32,141	1/2	25,284
3/4	3/4	86,856	3/4	79,999	3/4	73,142	3/4	66,284	3/4	59,427	3/4	52,570	3/4	45,712	3/4	38,856	3/4	31,999	3/4	25,141
3	3	86,713	3	79,856	3	72,999	3	66,141	3	59,284	3	52,427	3	45,570	3	38,712	3	31,856	3	25,000
1/4	1/4	86,570	1/4	79,713	1/4	72,856	1/4	65,999	1/4	59,141	1/4	52,284	1/4	45,427	1/4	38,570	1/4	31,712	1/4	24,856
1/2	1/2	86,428	1/2	79,570	1/2	72,713	1/2	65,856	1/2	58,999	1/2	52,141	1/2	45,284	1/2	38,427	1/2	31,570	1/2	24,713
3/4	3/4	86,285	3/4	79,427	3/4	72,570	3/4	65,713	3/4	58,856	3/4	51,999	3/4	45,141	3/4	38,284	3/4	31,426	3/4	24,570
4	4	86,142	4	79,285	4	72,427	4	65,570	4	58,713	4	51,856	4	44,999	4	38,141	4	31,284	4	24,427
1/4	1/4	85,999	1/4	79,142	1/4	72,284	1/4	65,427	1/4	58,570	1/4	51,713	1/4	44,856	1/4	37,999	1/4	31,141	1/4	24,284
1/2	1/2	85,856	1/2	78,999	1/2	72,142	1/2	65,284	1/2	58,427	1/2	51,570	1/2	44,712	1/2	37,856	1/2	30,999	1/2	24,141
3/4	3/4	85,713	3/4	78,856	3/4	71,999	3/4	65,141	3/4	58,284	3/4	51,427	3/4	44,570	3/4	37,712	3/4	30,856	3/4	24,000
5	5	85,570	5	78,713	5	71,856	5	64,999	5	58,141	5	51,284	5	44,427	5	37,570	5	30,712	5	23,856
1/4	1/4	85,428	1/4	78,570	1/4	71,713	1/4	64,856	1/4	57,999	1/4	51,141	1/4	44,284	1/4	37,427	1/4	30,570	1/4	23,713
1/2	1/2	85,285	1/2	78,427	1/2	71,570	1/2	64,713	1/2	57,856	1/2	50,999	1/2	44,141	1/2	37,284	1/2	30,426	1/2	23,570
3/4	3/4	85,142	3/4	78,285	3/4	71,427	3/4	64,570	3/4	57,713	3/4	50,856	3/4	43,999	3/4	37,141	3/4	30,284	3/4	23,427
6	6	84,999	6	78,142	6	71,284	6	64,427	6	57,570	6	50,713	6	43,856	6	36,999	6	30,141	6	23,284
1/4	1/4	84,856	1/4	77,999	1/4	71,142	1/4	64,284	1/4	57,427	1/4	50,570	1/4	43,712	1/4	36,856	1/4	29,999	1/4	23,141
1/2	1/2	84,713	1/2	77,856	1/2	70,999	1/2	64,141	1/2	57,284	1/2	50,427	1/2	43,570	1/2	36,712	1/2	29,856	1/2	22,999
3/4	3/4	84,570	3/4	77,713	3/4	70,856	3/4	63,999	3/4	57,141	3/4	50,284	3/4	43,427	3/4	36,570	3/4	29,712	3/4	22,856
7	7	84,428	7	77,570	7	70,713	7	63,856	7	56,999	7	50,141	7	43,284	7	36,427	7	29,570	7	22,713
1/4	1/4	84,285	1/4	77,427	1/4	70,570	1/4	63,713	1/4	56,856	1/4	49,999	1/4	43,141	1/4	36,284	1/4	29,426	1/4	22,570
1/2	1/2	84,142	1/2	77,285	1/2	70,427	1/2	63,570	1/2	56,713	1/2	49,856	1/2	42,999	1/2	36,141	1/2	29,284	1/2	22,427
3/4	3/4	83,999	3/4	77,142	3/4	70,284	3/4	63,427	3/4	56,570	3/4	49,713	3/4	42,856	3/4	35,999	3/4	29,141	3/4	22,284
8	8	83,856	8	76,999	8	70,142	8	63,284	8	56,427	8	49,570	8	42,712	8	35,856	8	28,999	8	22,141
1/4	1/4	83,713	1/4	76,856	1/4	69,999	1/4	63,141	1/4	56,284	1/4	49,427	1/4	42,570	1/4	35,712	1/4	28,856	1/4	22,000
1/2	1/2	83,570	1/2	76,713	1/2	69,856	1/2	62,999	1/2	56,141	1/2	49,284	1/2	42,427	1/2	35,570	1/2	28,712	1/2	21,856
3/4	3/4	83,428	3/4	76,570	3/4	69,713	3/4	62,856	3/4	55,999	3/4	49,141	3/4	42,284	3/4	35,427	3/4	28,570	3/4	21,713
9	9	83,285	9	76,427	9	69,570	9	62,713	9	55,856	9	48,999	9	42,141	9	35,284	9	28,426	9	21,570
1/4	1/4	83,142	1/4	76,285	1/4	69,427	1/4	62,570	1/4	55,713	1/4	48,856	1/4	41,999	1/4	35,141	1/4	28,284	1/4	21,427
1/2	1/2	82,999	1/2	76,142	1/2	69,284	1/2	62,427	1/2	55,570	1/2	48,713	1/2	41,856	1/2	34,999	1/2	28,141	1/2	21,284
3/4	3/4	82,856	3/4	75,999	3/4	69,142	3/4	62,284	3/4	55,427	3/4	48,570	3/4	41,712	3/4	34,856	3/4	27,999	3/4	21,141
10	10	82,713	10	75,856	10	68,999	10	62,141	10	55,284	10	48,427	10	41,570	10	34,712	10	27,856	10	21,000
1/4	1/4	82,570	1/4	75,713	1/4	68,856	1/4	61,999	1/4	55,141	1/4	48,284	1/4	41,427	1/4	34,570	1/4	27,712	1/4	20,856
1/2	1/2	82,428	1/2	75,570	1/2	68,713	1/2	61,856	1/2	54,999	1/2	48,141	1/2	41,284	1/2	34,427	1/2	27,570	1/2	20,713
3/4	3/4	82,285	3/4	75,427	3/4	68,570	3/4	61,713	3/4	54,856	3/4	47,999	3/4	41,141	3/4	34,284	3/4	27,426	3/4	20,570
11	11	82,142	11	75,285	11	68,427	11	61,570	11	54,713	11	47,856	11	40,999	11	34,141	11	27,284	11	20,427
1/4	1/4	81,999	1/4	75,142	1/4	68,284	1/4	61,427	1/4	54,570	1/4	47,713	1/4	40,856	1/4	33,999	1/4	27,141	1/4	20,284
1/2	1/2	81,856	1/2	74,999	1/2	68,142	1/2	61,284	1/2	54,427	1/2	47,570	1/2	40,712	1/2	33,856	1/2	26,999	1/2	20,141
3/4	3/4	81,713	3/4	74,856	3/4	67,999	3/4	61,141	3/4	54,284	3/4	47,427	3/4	40,570	3/4	33,712	3/4	26,856	3/4	20,000

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

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
NOTE: CAPACITY TABLE APPLIES ONLY TO ULLAGE GAUGES OBTAINED WITH "MCMC" GAUGING DEVICE.
LOCATED 13'-4" OFF CENTERLINE AND 21'-0" 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: 6/6/04 BY: KS-JM
DATE COMPUTED: 6/8/04 BY: KS
DATE ISSUED: 6/8/04

CERTIFIED TANK CALIBRATION, INC.

Bill G. Bar

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. Brown

CAPACITIES GIVEN IN WHOLE GALLONS

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	91,247	0	84,311	0	77,273	0	70,234	0	63,196	0	56,158	0	49,119	0	42,081	0	35,042	0	28,004	0
1/4	1/4	91,144	1/4	84,164	1/4	77,126	1/4	70,088	1/4	63,049	1/4	56,011	1/4	48,973	1/4	41,934	1/4	34,896	1/4	27,858	1/4
1/2	1/2	91,012	1/2	84,018	1/2	76,979	1/2	69,941	1/2	62,903	1/2	55,864	1/2	48,826	1/2	41,788	1/2	34,749	1/2	27,711	1/2
3/4	3/4	90,880	3/4	83,871	3/4	76,833	3/4	69,794	3/4	62,756	3/4	55,718	3/4	48,679	3/4	41,641	3/4	34,603	3/4	27,565	3/4
1	1	90,748	1	83,724	1	76,696	1	69,648	1	62,609	1	55,571	1	48,533	1	41,494	1	34,466	1	27,428	1
1/4	1/4	90,616	1/4	83,578	1/4	76,539	1/4	69,501	1/4	62,463	1/4	55,424	1/4	48,386	1/4	41,348	1/4	34,309	1/4	27,290	1/4
1/2	1/2	90,470	1/2	83,431	1/2	76,393	1/2	69,354	1/2	62,316	1/2	55,278	1/2	48,239	1/2	41,201	1/2	34,131	1/2	27,152	1/2
3/4	3/4	90,323	3/4	83,285	3/4	76,246	3/4	69,208	3/4	62,169	3/4	55,131	3/4	48,093	3/4	41,054	3/4	34,016	3/4	27,014	3/4
2	2	90,176	2	83,138	2	76,100	2	69,061	2	62,023	2	54,984	2	47,946	2	40,908	2	33,889	2	26,876	2
1/4	1/4	90,030	1/4	82,991	1/4	75,953	1/4	68,915	1/4	61,876	1/4	54,838	1/4	47,799	1/4	40,761	1/4	33,723	1/4	26,738	1/4
1/2	1/2	89,883	1/2	82,845	1/2	75,806	1/2	68,768	1/2	61,730	1/2	54,691	1/2	47,653	1/2	40,614	1/2	33,576	1/2	26,591	1/2
3/4	3/4	89,736	3/4	82,698	3/4	75,658	3/4	68,621	3/4	61,583	3/4	54,545	3/4	47,506	3/4	40,468	3/4	33,429	3/4	26,444	3/4
3	3	89,590	3	82,551	3	75,513	3	68,475	3	61,436	3	54,398	3	47,360	3	40,321	3	33,283	3	26,307	3
1/4	1/4	89,443	1/4	82,405	1/4	75,366	1/4	68,328	1/4	61,290	1/4	54,251	1/4	47,213	1/4	40,175	1/4	33,136	1/4	26,160	1/4
1/2	1/2	89,297	1/2	82,258	1/2	75,220	1/2	68,191	1/2	61,143	1/2	54,105	1/2	47,066	1/2	40,028	1/2	32,990	1/2	26,013	1/2
3/4	3/4	89,150	3/4	82,112	3/4	75,073	3/4	68,035	3/4	60,996	3/4	53,958	3/4	46,920	3/4	39,881	3/4	32,843	3/4	25,866	3/4
4	4	89,003	4	81,965	4	74,927	4	67,898	4	60,850	4	53,811	4	46,773	4	39,735	4	32,696	4	25,719	4
1/4	1/4	88,857	1/4	81,818	1/4	74,780	1/4	67,742	1/4	60,703	1/4	53,665	1/4	46,626	1/4	39,588	1/4	32,550	1/4	25,572	1/4
1/2	1/2	88,710	1/2	81,672	1/2	74,633	1/2	67,595	1/2	60,557	1/2	53,518	1/2	46,480	1/2	39,441	1/2	32,403	1/2	25,425	1/2
3/4	3/4	88,563	3/4	81,525	3/4	74,487	3/4	67,448	3/4	60,410	3/4	53,372	3/4	46,333	3/4	39,295	3/4	32,256	3/4	25,278	3/4
5	5	88,417	5	81,378	5	74,340	5	67,302	5	60,263	5	53,225	5	46,187	5	39,148	5	32,110	5	25,131	5
1/4	1/4	88,270	1/4	81,232	1/4	74,193	1/4	67,155	1/4	60,117	1/4	53,078	1/4	46,040	1/4	39,002	1/4	31,963	1/4	24,984	1/4
1/2	1/2	88,123	1/2	81,085	1/2	74,047	1/2	67,008	1/2	59,970	1/2	52,932	1/2	45,893	1/2	38,855	1/2	31,817	1/2	24,837	1/2
3/4	3/4	87,977	3/4	80,938	3/4	73,900	3/4	66,862	3/4	59,823	3/4	52,785	3/4	45,747	3/4	38,708	3/4	31,670	3/4	24,690	3/4
6	6	87,830	6	80,792	6	73,753	6	66,715	6	59,677	6	52,638	6	45,600	6	38,562	6	31,523	6	24,543	6
1/4	1/4	87,684	1/4	80,645	1/4	73,607	1/4	66,568	1/4	59,530	1/4	52,492	1/4	45,453	1/4	38,415	1/4	31,377	1/4	24,396	1/4
1/2	1/2	87,537	1/2	80,499	1/2	73,460	1/2	66,422	1/2	59,393	1/2	52,345	1/2	45,307	1/2	38,268	1/2	31,230	1/2	24,249	1/2
3/4	3/4	87,390	3/4	80,352	3/4	73,314	3/4	66,275	3/4	59,237	3/4	52,207	3/4	45,160	3/4	38,122	3/4	31,083	3/4	24,101	3/4
7	7	87,244	7	80,205	7	73,167	7	66,129	7	59,090	7	52,052	7	45,013	7	37,975	7	30,937	7	23,963	7
1/4	1/4	87,097	1/4	80,059	1/4	73,020	1/4	65,982	1/4	58,944	1/4	51,905	1/4	44,867	1/4	37,828	1/4	30,790	1/4	23,815	1/4
1/2	1/2	86,950	1/2	79,912	1/2	72,874	1/2	65,835	1/2	58,797	1/2	51,759	1/2	44,720	1/2	37,682	1/2	30,643	1/2	23,667	1/2
3/4	3/4	86,804	3/4	79,765	3/4	72,727	3/4	65,689	3/4	58,650	3/4	51,612	3/4	44,574	3/4	37,535	3/4	30,497	3/4	23,520	3/4
8	8	86,657	8	79,619	8	72,580	8	65,542	8	58,504	8	51,465	8	44,427	8	37,389	8	30,350	8	23,373	8
1/4	1/4	86,510	1/4	79,472	1/4	72,434	1/4	65,395	1/4	58,357	1/4	51,319	1/4	44,280	1/4	37,242	1/4	30,204	1/4	23,226	1/4
1/2	1/2	86,364	1/2	79,325	1/2	72,287	1/2	65,249	1/2	58,210	1/2	51,172	1/2	44,134	1/2	37,095	1/2	30,057	1/2	23,079	1/2
3/4	3/4	86,217	3/4	79,179	3/4	72,141	3/4	65,102	3/4	58,064	3/4	51,025	3/4	43,987	3/4	36,949	3/4	29,910	3/4	22,932	3/4
9	9	86,071	9	79,032	9	71,994	9	64,956	9	57,917	9	50,879	9	43,840	9	36,802	9	29,764	9	22,785	9
1/4	1/4	85,924	1/4	78,886	1/4	71,847	1/4	64,809	1/4	57,771	1/4	50,732	1/4	43,694	1/4	36,655	1/4	29,617	1/4	22,638	1/4
1/2	1/2	85,777	1/2	78,739	1/2	71,701	1/2	64,662	1/2	57,624	1/2	50,586	1/2	43,547	1/2	36,509	1/2	29,470	1/2	22,500	1/2
3/4	3/4	85,631	3/4	78,592	3/4	71,554	3/4	64,516	3/4	57,477	3/4	50,439	3/4	43,401	3/4	36,362	3/4	29,324	3/4	22,353	3/4
10	10	85,484	10	78,446	10	71,407	10	64,369	10	57,331	10	50,292	10	43,254	10	36,216	10	29,177	10	22,205	10
1/4	1/4	85,337	1/4	78,299	1/4	71,261	1/4	64,222	1/4	57,184	1/4	50,146	1/4	43,107	1/4	36,069	1/4	29,031	1/4	22,057	1/4
1/2	1/2	85,191	1/2	78,152	1/2	71,114	1/2	64,076	1/2	57,037	1/2	49,999	1/2	42,961	1/2	35,922	1/2	28,884	1/2	21,910	1/2
3/4	3/4	85,044	3/4	78,006	3/4	70,967	3/4	63,929	3/4	56,891	3/4	49,852	3/4	42,814	3/4	35,776	3/4	28,737	3/4	21,763	3/4
11	11	84,898	11	77,859	11	70,821	11	63,782	11	56,744	11	49,706	11	42,667	11	35,629	11	28,591	11	21,610	11
3/8	3/8	84,751	3/8	77,713	3/8	70,674	3/8	63,636	3/8	56,597	3/8	49,559	3/8	42,521	3/8	35,482	3/8	28,444	3/8	21,463	3/8
1/2	1/2	84,604	1/2	77,566	1/2	70,528	1/2	63,489	1/2	56,451	1/2	49,412	1/2	42,374	1/2	35,336	1/2	28,297	1/2	21,315	1/2
3/4	3/4	84,458	3/4	77,419	3/4	70,381	3/4	63,343	3/4	56,304	3/4	49,266	3/4	42,227	3/4	35,189	3/4	28,151	3/4	21,167	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 10'-7" OFF CENTERLINE AND 21'-0" 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: 6/6/04 BY: KS-JM
 DATE COMPUTED: 6/8/04 BY: KS
 DATE ISSUED: 6/8/04

CERTIFIED TANK CALIBRATION, INC.

Bob A. Brown

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.
0	28,004	0	20,966	0	13,927	0	6,889	0	0	0
1/4	27,857	1/4	20,819	1/4	13,781	1/4	6,742	1/4	1/4	1/4
1/2	27,711	1/2	20,672	1/2	13,634	1/2	6,596	1/2	1/2	1/2
3/4	27,564	3/4	20,526	3/4	13,487	3/4	6,449	3/4	3/4	3/4
1	27,418	1	20,379	1	13,341	1	6,302	1	1	1
1/4	27,271	1/4	20,233	1/4	13,194	1/4	6,156	1/4	1/4	1/4
1/2	27,124	1/2	20,086	1/2	13,048	1/2	6,009	1/2	1/2	1/2
3/4	26,978	3/4	19,939	3/4	12,901	3/4	5,863	3/4	3/4	3/4
2	26,831	2	19,793	2	12,754	2	5,716	2	2	2
1/4	26,684	1/4	19,646	1/4	12,608	1/4	5,569	1/4	1/4	1/4
1/2	26,538	1/2	19,499	1/2	12,461	1/2	5,423	1/2	1/2	1/2
3/4	26,391	3/4	19,353	3/4	12,314	3/4	5,276	3/4	3/4	3/4
3	26,244	3	19,206	3	12,168	3	5,129	3	3	3
1/4	26,098	1/4	19,059	1/4	12,021	1/4	4,983	1/4	1/4	1/4
1/2	25,951	1/2	18,913	1/2	11,875	1/2	4,837	1/2	1/2	1/2
3/4	25,805	3/4	18,766	3/4	11,728	3/4	4,691	3/4	3/4	3/4
4	25,658	4	18,620	4	11,581	4	4,545	4	4	4
1/4	25,511	1/4	18,473	1/4	11,435	1/4	4,399	1/4	1/4	1/4
1/2	25,365	1/2	18,326	1/2	11,288	1/2	4,253	1/2	1/2	1/2
3/4	25,218	3/4	18,180	3/4	11,141	3/4	4,107	3/4	3/4	3/4
5	25,071	5	18,033	5	10,995	5	3,961	5	5	5
1/4	24,925	1/4	17,886	1/4	10,848	1/4	3,815	1/4	1/4	1/4
1/2	24,778	1/2	17,740	1/2	10,701	1/2	3,669	1/2	1/2	1/2
3/4	24,632	3/4	17,593	3/4	10,555	3/4	3,523	3/4	3/4	3/4
6	24,485	6	17,447	6	10,408	6	3,377	6	6	6
1/4	24,338	1/4	17,300	1/4	10,262	1/4	3,231	1/4	1/4	1/4
1/2	24,192	1/2	17,153	1/2	10,115	1/2	3,085	1/2	1/2	1/2
3/4	24,045	3/4	17,007	3/4	9,968	3/4	2,939	3/4	3/4	3/4
7	23,898	7	16,860	7	9,822	7	2,793	7	7	7
1/4	23,752	1/4	16,713	1/4	9,675	1/4	2,647	1/4	1/4	1/4
1/2	23,605	1/2	16,567	1/2	9,528	1/2	2,502	1/2	1/2	1/2
3/4	23,458	3/4	16,420	3/4	9,382	3/4	2,356	3/4	3/4	3/4
8	23,312	8	16,273	8	9,235	8	2,210	8	8	8
1/4	23,165	1/4	16,127	1/4	9,088	1/4	2,064	1/4	1/4	1/4
1/2	23,019	1/2	15,980	1/2	8,942	1/2	1,918	1/2	1/2	1/2
3/4	22,872	3/4	15,834	3/4	8,795	3/4	1,772	3/4	3/4	3/4
9	22,725	9	15,687	9	8,649	9	1,626	9	9	9
1/4	22,579	1/4	15,540	1/4	8,502	1/4	1,480	1/4	1/4	1/4
1/2	22,432	1/2	15,394	1/2	8,355	1/2	1,334	1/2	1/2	1/2
3/4	22,285	3/4	15,247	3/4	8,209	3/4	1,216	3/4	3/4	3/4
10	22,139	10	15,100	10	8,062	10	1,084	10	10	10
1/4	21,992	1/4	14,954	1/4	7,915	1/4	982	1/4	1/4	1/4
1/2	21,846	1/2	14,807	1/2	7,769	1/2	849	1/2	1/2	1/2
3/4	21,699	3/4	14,661	3/4	7,622	3/4	747	3/4	3/4	3/4
11	21,552	11	14,514	11	7,476	11	644	11	11	11
1/4	21,406	1/4	14,367	1/4	7,329	1/4	541	1/4	1/4	1/4
1/2	21,259	1/2	14,221	1/2	7,182	1/2	468	1/2	1/2	1/2
3/4	21,112	3/4	14,074	3/4	7,036	3/4	395	3/4	3/4	3/4

GAUGE HEIGHT: 15-11 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: 6/6/04 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

IN	12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		20 FT.		21 FT.	
	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	—	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
3/4	49,511	3/4	36,267	3/4	23,022	3/4	9,778	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	49,235	6	35,991	6	22,746	6	9,502	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
1/2	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
3/4	48,408	3/4	35,163	3/4	21,919	3/4	8,678	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	48,132	7	34,887	7	21,643	7	8,403	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
1/2	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
3/4	47,304	3/4	34,059	3/4	20,815	3/4	7,579	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	47,028	8	33,783	8	20,539	8	7,304	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
1/2	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
3/4	46,200	3/4	32,956	3/4	19,711	3/4	6,480	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	45,924	9	32,680	9	19,435	9	6,206	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
1/2	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
3/4	45,096	3/4	31,852	3/4	18,608	3/4	5,382	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	44,820	10	31,576	10	18,332	10	5,107	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
1/2	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
3/4	43,993	3/4	30,748	3/4	17,504	3/4	4,283	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	43,717	11	30,472	11	17,228	11	4,009	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
1/2	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
3/4	42,889	3/4	29,645	3/4	16,400	3/4	3,185	3/4	—	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 7/16"

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CERTIFIED TANK CALIBRATION, INC.

Bill G. Row

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