

**CERTIFIED TANK**  
**CALIBRATION, INC.**  
 DEER PARK, TEXAS 77340-8000

**BARGE "CUC 199"**

**TANK NO. 1**  
**ULLAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS												GAUGE HEIGHT 16'-4 1/4"							
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	177,161	0	165,026	0	151,463	0	137,900	0	124,338	0	110,775	0	97,212	0	83,650	0	70,087	
1/4	1/4	177,091	1/4	164,743	1/4	151,180	1/4	137,618	1/4	124,055	1/4	110,492	1/4	96,930	1/4	83,367	1/4	69,805	
1/2	1/2	176,963	1/2	164,460	1/2	150,898	1/2	137,335	1/2	123,773	1/2	110,210	1/2	96,647	1/2	83,085	1/2	69,522	
3/4	3/4	176,836	3/4	164,178	3/4	150,615	3/4	137,053	3/4	123,490	3/4	109,927	3/4	96,365	3/4	82,802	3/4	69,239	
1	1	176,709	1	163,895	1	150,333	1	136,770	1	123,207	1	109,645	1	96,082	1	82,520	1	68,957	
1/4	1/4	176,582	1/4	163,613	1/4	150,050	1/4	136,488	1/4	122,925	1/4	109,362	1/4	95,800	1/4	82,237	1/4	68,674	
1/2	1/2	176,398	1/2	163,330	1/2	149,768	1/2	136,205	1/2	122,642	1/2	109,080	1/2	95,517	1/2	81,954	1/2	68,392	
3/4	3/4	176,215	3/4	163,048	3/4	149,485	3/4	135,922	3/4	122,360	3/4	108,797	3/4	95,235	3/4	81,672	3/4	68,109	
2	2	176,031	2	162,765	2	149,203	2	135,640	2	122,077	2	108,515	2	94,952	2	81,389	2	67,827	
1/4	1/4	175,847	1/4	162,483	1/4	148,920	1/4	135,357	1/4	121,795	1/4	108,232	1/4	94,669	1/4	81,107	1/4	67,544	
1/2	1/2	175,607	1/2	162,200	1/2	148,637	1/2	135,075	1/2	121,512	1/2	107,949	1/2	94,387	1/2	80,824	1/2	67,262	
3/4	3/4	175,367	3/4	161,917	3/4	148,355	3/4	134,792	3/4	121,230	3/4	107,667	3/4	94,104	3/4	80,542	3/4	66,979	
3	3	175,127	3	161,635	3	148,072	3	134,510	3	120,947	3	107,384	3	93,822	3	80,259	3	66,696	
1/4	1/4	174,887	1/4	161,352	1/4	147,790	1/4	134,227	1/4	120,664	1/4	107,102	1/4	93,539	1/4	79,977	1/4	66,414	
1/2	1/2	174,611	1/2	161,070	1/2	147,507	1/2	133,945	1/2	120,382	1/2	106,819	1/2	93,257	1/2	79,694	1/2	66,131	
3/4	3/4	174,336	3/4	160,787	3/4	147,225	3/4	133,662	3/4	120,099	3/4	106,537	3/4	92,974	3/4	79,411	3/4	65,849	
4	4	174,060	4	160,505	4	146,942	4	133,379	4	119,817	4	106,254	4	92,692	4	79,129	4	65,566	
1/4	1/4	173,785	1/4	160,222	1/4	146,660	1/4	133,097	1/4	119,534	1/4	105,972	1/4	92,409	1/4	78,846	1/4	65,284	
1/2	1/2	173,502	1/2	159,940	1/2	146,377	1/2	132,814	1/2	119,252	1/2	105,689	1/2	92,126	1/2	78,564	1/2	65,001	
3/4	3/4	173,220	3/4	159,657	3/4	146,094	3/4	132,532	3/4	118,969	3/4	105,406	3/4	91,844	3/4	78,281	3/4	64,719	
5	5	172,937	5	159,374	5	145,812	5	132,249	5	118,687	5	105,124	5	91,561	5	77,999	5	64,436	
1/4	1/4	172,655	1/4	159,092	1/4	145,529	1/4	131,967	1/4	118,404	1/4	104,841	1/4	91,279	1/4	77,716	1/4	64,153	
1/2	1/2	172,372	1/2	158,809	1/2	145,247	1/2	131,684	1/2	118,121	1/2	104,559	1/2	90,996	1/2	77,434	1/2	63,871	
3/4	3/4	172,089	3/4	158,527	3/4	144,964	3/4	131,402	3/4	117,839	3/4	104,276	3/4	90,714	3/4	77,151	3/4	63,588	
6	6	171,807	6	158,244	6	144,682	6	131,119	6	117,556	6	103,994	6	90,431	6	76,868	6	63,306	
1/4	1/4	171,524	1/4	157,962	1/4	144,399	1/4	130,836	1/4	117,274	1/4	103,711	1/4	90,149	1/4	76,586	1/4	63,023	
1/2	1/2	171,242	1/2	157,679	1/2	144,117	1/2	130,554	1/2	116,991	1/2	103,429	1/2	89,866	1/2	76,303	1/2	62,741	
3/4	3/4	170,959	3/4	157,397	3/4	143,834	3/4	130,271	3/4	116,709	3/4	103,146	3/4	89,583	3/4	76,021	3/4	62,458	
7	7	170,677	7	157,114	7	143,551	7	129,989	7	116,426	7	102,864	7	89,301	7	75,738	7	62,176	
1/4	1/4	170,394	1/4	156,831	1/4	143,269	1/4	129,706	1/4	116,144	1/4	102,581	1/4	89,018	1/4	75,456	1/4	61,893	
1/2	1/2	170,112	1/2	156,549	1/2	142,986	1/2	129,424	1/2	115,861	1/2	102,298	1/2	88,736	1/2	75,173	1/2	61,610	
3/4	3/4	169,829	3/4	156,266	3/4	142,704	3/4	129,141	3/4	115,578	3/4	102,016	3/4	88,453	3/4	74,891	3/4	61,328	
8	8	169,546	8	155,984	8	142,421	8	128,859	8	115,296	8	101,733	8	88,171	8	74,608	8	61,045	
1/4	1/4	169,264	1/4	155,701	1/4	142,139	1/4	128,576	1/4	115,013	1/4	101,451	1/4	87,888	1/4	74,325	1/4	60,763	
1/2	1/2	168,981	1/2	155,419	1/2	141,856	1/2	128,293	1/2	114,731	1/2	101,168	1/2	87,606	1/2	74,043	1/2	60,480	
3/4	3/4	168,699	3/4	155,136	3/4	141,574	3/4	128,011	3/4	114,448	3/4	100,886	3/4	87,323	3/4	73,760	3/4	60,198	
9	9	168,416	9	154,854	9	141,291	9	127,728	9	114,166	9	100,603	9	87,040	9	73,478	9	59,915	
1/4	1/4	168,134	1/4	154,571	1/4	141,008	1/4	127,446	1/4	113,883	1/4	100,321	1/4	86,758	1/4	73,195	1/4	59,633	
1/2	1/2	167,851	1/2	154,288	1/2	140,726	1/2	127,163	1/2	113,601	1/2	100,038	1/2	86,475	1/2	72,913	1/2	59,350	
3/4	3/4	167,569	3/4	154,006	3/4	140,443	3/4	126,881	3/4	113,318	3/4	99,755	3/4	86,193	3/4	72,630	3/4	59,067	
10	10	167,286	10	153,723	10	140,161	10	126,599	10	113,035	10	99,473	10	85,910	10	72,348	10	58,785	
1/4	1/4	167,003	1/4	153,441	1/4	139,878	1/4	126,316	1/4	112,753	1/4	99,190	1/4	85,628	1/4	72,065	1/4	58,502	
1/2	1/2	166,721	1/2	153,158	1/2	139,596	1/2	126,033	1/2	112,470	1/2	98,908	1/2	85,345	1/2	71,782	1/2	58,220	
3/4	3/4	166,438	3/4	152,876	3/4	139,313	3/4	125,750	3/4	112,188	3/4	98,625	3/4	85,063	3/4	71,500	3/4	57,937	
11	11	166,156	11	152,593	11	139,031	11	125,468	11	111,905	11	98,343	11	84,780	11	71,217	11	57,655	
1/4	1/4	177,373	1/4	165,813	1/4	152,311	1/4	139,748	1/4	125,185	1/4	98,060	1/4	84,497	1/4	70,935	1/4	57,372	
1/2	1/2	177,303	1/2	165,591	1/2	152,028	1/2	139,465	1/2	124,903	1/2	97,778	1/2	84,215	1/2	70,652	1/2	57,090	
3/4	3/4	177,232	3/4	165,308	3/4	151,745	3/4	139,183	3/4	124,620	3/4	97,495	3/4	83,932	3/4	70,370	3/4	56,807	

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'-7" OFF CENTERLINE AND 23'-3" FORWARD OF AFT BULKHEAD.

NOTE: NO TRIM CORRECTION REQUIRED DUE TO GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK.  
 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: 7/5/04 BY: KS-DJS  
 DATE COMPUTED: 7/6/04 BY: DR  
 DATE ISSUED: 7/6/04

**CERTIFIED TANK CALIBRATION, INC.**

*Bill A. Brown*

BARGE "CBC 199"

TANK NO. 1  
 ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

Gauge Height: 16'-4 1/4"

N	12 FT.	N	13 FT.	N	14 FT.	N	15 FT.	N	16 FT.	N	17 FT.	N	18 FT.	N	19 FT.	N	20 FT.	N	21 FT.
0	56,524	0	42,962	0	29,399	0	15,837	0	2,338	0	0	0	0	0	0	0	0	0	0
1/4	56,242	1/4	42,679	1/4	29,117	1/4	15,554	1/4	2,076	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	55,959	1/2	42,397	1/2	28,834	1/2	15,271	1/2	1,864	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	55,677	3/4	42,114	3/4	28,552	3/4	14,989	3/4	1,652	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	55,394	1	41,832	1	28,269	1	14,706	1	1,440	1	1	1	1	1	1	1	1	1	1
1/4	55,112	1/4	41,549	1/4	27,986	1/4	14,424	1/4	1,229	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	54,829	1/2	41,267	1/2	27,704	1/2	14,141	1/2	1,073	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	54,547	3/4	40,984	3/4	27,421	3/4	13,859	3/4	918	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	54,264	2	40,701	2	27,139	2	13,576	2	762	2	2	2	2	2	2	2	2	2	2
1/4	53,982	1/4	40,419	1/4	26,856	1/4	13,294	1/4	607	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	53,699	1/2	40,136	1/2	26,574	1/2	13,011	1/2	508	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53,416	3/4	39,854	3/4	26,291	3/4	12,728	3/4	409	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	53,134	3	39,571	3	26,009	3	12,446	3	310	3	3	3	3	3	3	3	3	3	3
1/4	52,851	1/4	39,289	1/4	25,726	1/4	12,163	1/4	211	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	52,569	1/2	39,006	1/2	25,443	1/2	11,881	1/2	169	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	52,286	3/4	38,724	3/4	25,161	3/4	11,598	3/4	127	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	52,004	4	38,441	4	24,878	4	11,316	4	84	4	4	4	4	4	4	4	4	4	4
1/4	51,721	1/4	38,158	1/4	24,596	1/4	11,033	1/4	42	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	51,439	1/2	37,876	1/2	24,313	1/2	10,751	1/2	42	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	51,156	3/4	37,593	3/4	24,031	3/4	10,468	3/4	42	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	50,873	5	37,311	5	23,748	5	10,185	5	42	5	5	5	5	5	5	5	5	5	5
1/4	50,591	1/4	37,028	1/4	23,466	1/4	9,903	1/4	42	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	50,308	1/2	36,746	1/2	23,183	1/2	9,620	1/2	42	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	50,026	3/4	36,463	3/4	22,900	3/4	9,338	3/4	42	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	49,743	6	36,181	6	22,618	6	9,055	6	42	6	6	6	6	6	6	6	6	6	6
1/4	49,461	1/4	35,898	1/4	22,335	1/4	8,773	1/4	42	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	49,178	1/2	35,615	1/2	22,053	1/2	8,490	1/2	42	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	48,896	3/4	35,333	3/4	21,770	3/4	8,208	3/4	42	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	48,613	7	35,050	7	21,488	7	7,925	7	42	7	7	7	7	7	7	7	7	7	7
1/4	48,330	1/4	34,768	1/4	21,205	1/4	7,642	1/4	42	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	48,048	1/2	34,485	1/2	20,923	1/2	7,360	1/2	42	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	47,765	3/4	34,203	3/4	20,640	3/4	7,077	3/4	42	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	47,483	8	33,920	8	20,357	8	6,795	8	42	8	8	8	8	8	8	8	8	8	8
1/4	47,200	1/4	33,638	1/4	20,075	1/4	6,512	1/4	42	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	46,918	1/2	33,355	1/2	19,792	1/2	6,230	1/2	42	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	46,635	3/4	33,072	3/4	19,510	3/4	5,947	3/4	42	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	46,353	9	32,790	9	19,227	9	5,665	9	42	9	9	9	9	9	9	9	9	9	9
1/4	46,070	1/4	32,507	1/4	18,945	1/4	5,382	1/4	42	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	45,787	1/2	32,225	1/2	18,662	1/2	5,100	1/2	42	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	45,505	3/4	31,942	3/4	18,380	3/4	4,817	3/4	42	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	45,222	10	31,660	10	18,097	10	4,534	10	42	10	10	10	10	10	10	10	10	10	10
1/4	44,940	1/4	31,377	1/4	17,814	1/4	4,252	1/4	42	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	44,657	1/2	31,095	1/2	17,532	1/2	3,969	1/2	42	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	44,375	3/4	30,812	3/4	17,249	3/4	3,687	3/4	42	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	44,092	11	30,529	11	16,967	11	3,404	11	42	11	11	11	11	11	11	11	11	11	11
1/4	43,810	1/4	30,247	1/4	16,684	1/4	3,122	1/4	42	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	43,527	1/2	29,964	1/2	16,402	1/2	2,860	1/2	42	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	43,244	3/4	29,682	3/4	16,119	3/4	2,599	3/4	42	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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

DATE STRAPPED: 7/5/04 BY: KS-DS  
 DATE COMPUTED: 7/6/04 BY: DR  
 DATE ISSUED: 7/6/04

CERTIFIED TANK CALIBRATION, INC.

*Bob A. Ross*

BARGE "CJC 199"

2 PORT  
 ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS												GAUGE HEIGHT 15" - 10 3/4"							
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	88,596	0	81,746	0	74,876	0	68,005	0	61,134	0	54,264	0	47,393	0	40,522	0	33,651	
1/4	1/4	88,460	1/4	81,603	1/4	74,733	1/4	67,862	1/4	60,991	1/4	54,120	1/4	47,250	1/4	40,379	1/4	33,508	
1/2	1/2	88,324	1/2	81,460	1/2	74,590	1/2	67,719	1/2	60,848	1/2	53,977	1/2	47,107	1/2	40,236	1/2	33,365	
3/4	3/4	88,188	3/4	81,317	3/4	74,446	3/4	67,576	3/4	60,705	3/4	53,834	3/4	46,963	3/4	40,093	3/4	33,222	
1	1	88,045	1	81,174	1	74,303	1	67,432	1	60,562	1	53,691	1	46,820	1	39,950	1	33,079	
1/4	1/4	87,901	1/4	81,031	1/4	74,160	1/4	67,289	1/4	60,419	1/4	53,548	1/4	46,677	1/4	39,806	1/4	32,936	
1/2	1/2	87,758	1/2	80,888	1/2	74,017	1/2	67,146	1/2	60,275	1/2	53,405	1/2	46,534	1/2	39,663	1/2	32,793	
3/4	3/4	87,615	3/4	80,744	3/4	73,874	3/4	67,003	3/4	60,132	3/4	53,262	3/4	46,391	3/4	39,520	3/4	32,650	
2	2	87,472	2	80,601	2	73,731	2	66,860	2	59,989	2	53,118	2	46,248	2	39,377	2	32,506	
1/4	1/4	87,329	1/4	80,458	1/4	73,588	1/4	66,717	1/4	59,846	1/4	52,975	1/4	46,105	1/4	39,234	1/4	32,363	
1/2	1/2	87,186	1/2	80,315	1/2	73,444	1/2	66,574	1/2	59,703	1/2	52,832	1/2	45,961	1/2	39,091	1/2	32,220	
3/4	3/4	87,043	3/4	80,172	3/4	73,301	3/4	66,430	3/4	59,560	3/4	52,689	3/4	45,818	3/4	38,948	3/4	32,077	
3	3	86,899	3	80,029	3	73,158	3	66,287	3	59,417	3	52,546	3	45,675	3	38,804	3	31,934	
1/4	1/4	86,756	1/4	79,886	1/4	73,015	1/4	66,144	1/4	59,273	1/4	52,403	1/4	45,532	1/4	38,661	1/4	31,791	
1/2	1/2	86,613	1/2	79,742	1/2	72,872	1/2	66,001	1/2	59,130	1/2	52,260	1/2	45,389	1/2	38,518	1/2	31,647	
3/4	3/4	86,470	3/4	79,599	3/4	72,729	3/4	65,858	3/4	58,987	3/4	52,116	3/4	45,246	3/4	38,375	3/4	31,504	
4	4	86,327	4	79,456	4	72,585	4	65,715	4	58,844	4	51,973	4	45,103	4	38,232	4	31,361	
1/4	1/4	86,184	1/4	79,313	1/4	72,442	1/4	65,572	1/4	58,701	1/4	51,830	1/4	44,959	1/4	38,089	1/4	31,218	
1/2	1/2	86,041	1/2	79,170	1/2	72,299	1/2	65,428	1/2	58,558	1/2	51,687	1/2	44,816	1/2	37,946	1/2	31,075	
3/4	3/4	85,897	3/4	79,027	3/4	72,156	3/4	65,285	3/4	58,415	3/4	51,544	3/4	44,673	3/4	37,802	3/4	30,932	
5	5	85,754	5	78,884	5	72,013	5	65,142	5	58,271	5	51,401	5	44,530	5	37,659	5	30,789	
1/4	1/4	85,611	1/4	78,740	1/4	71,870	1/4	64,999	1/4	58,128	1/4	51,258	1/4	44,387	1/4	37,516	1/4	30,645	
1/2	1/2	85,468	1/2	78,597	1/2	71,727	1/2	64,856	1/2	57,985	1/2	51,114	1/2	44,244	1/2	37,373	1/2	30,502	
3/4	3/4	85,325	3/4	78,454	3/4	71,583	3/4	64,713	3/4	57,842	3/4	50,971	3/4	44,101	3/4	37,230	3/4	30,359	
6	6	85,182	6	78,311	6	71,440	6	64,570	6	57,699	6	50,828	6	43,957	6	37,087	6	30,216	
1/4	1/4	85,039	1/4	78,168	1/4	71,297	1/4	64,426	1/4	57,556	1/4	50,685	1/4	43,814	1/4	36,944	1/4	30,073	
1/2	1/2	84,895	1/2	78,025	1/2	71,154	1/2	64,283	1/2	57,413	1/2	50,542	1/2	43,671	1/2	36,800	1/2	29,930	
3/4	3/4	84,752	3/4	77,882	3/4	71,011	3/4	64,140	3/4	57,269	3/4	50,399	3/4	43,528	3/4	36,657	3/4	29,787	
7	7	84,609	7	77,738	7	70,868	7	63,997	7	57,126	7	50,256	7	43,385	7	36,514	7	29,643	
1/4	1/4	84,466	1/4	77,595	1/4	70,725	1/4	63,854	1/4	56,983	1/4	50,112	1/4	43,242	1/4	36,371	1/4	29,500	
1/2	1/2	84,323	1/2	77,452	1/2	70,581	1/2	63,711	1/2	56,840	1/2	49,969	1/2	43,099	1/2	36,228	1/2	29,357	
3/4	3/4	84,180	3/4	77,309	3/4	70,438	3/4	63,568	3/4	56,697	3/4	49,826	3/4	42,956	3/4	36,085	3/4	29,214	
8	8	84,037	8	77,166	8	70,295	8	63,424	8	56,554	8	49,683	8	42,812	8	35,942	8	29,071	
1/4	1/4	83,893	1/4	77,023	1/4	70,152	1/4	63,281	1/4	56,411	1/4	49,540	1/4	42,669	1/4	35,798	1/4	28,928	
1/2	1/2	83,750	1/2	76,880	1/2	70,009	1/2	63,138	1/2	56,267	1/2	49,397	1/2	42,526	1/2	35,655	1/2	28,785	
3/4	3/4	83,607	3/4	76,737	3/4	69,866	3/4	62,995	3/4	56,124	3/4	49,254	3/4	42,383	3/4	35,512	3/4	28,641	
9	9	83,464	9	76,593	9	69,723	9	62,852	9	55,981	9	49,111	9	42,240	9	35,369	9	28,498	
1/4	1/4	83,321	1/4	76,450	1/4	69,580	1/4	62,709	1/4	55,838	1/4	48,967	1/4	42,097	1/4	35,226	1/4	28,355	
1/2	1/2	83,178	1/2	76,307	1/2	69,436	1/2	62,566	1/2	55,695	1/2	48,824	1/2	41,954	1/2	35,083	1/2	28,212	
3/4	3/4	83,035	3/4	76,164	3/4	69,293	3/4	62,423	3/4	55,552	3/4	48,681	3/4	41,810	3/4	34,940	3/4	28,069	
10	10	82,892	10	76,021	10	69,150	10	62,279	10	55,409	10	48,538	10	41,667	10	34,797	10	27,926	
1/4	1/4	82,748	1/4	75,878	1/4	69,007	1/4	62,136	1/4	55,266	1/4	48,395	1/4	41,524	1/4	34,653	1/4	27,783	
1/2	1/2	82,605	1/2	75,735	1/2	68,864	1/2	61,993	1/2	55,122	1/2	48,252	1/2	41,381	1/2	34,510	1/2	27,640	
3/4	3/4	82,462	3/4	75,591	3/4	68,721	3/4	61,850	3/4	54,979	3/4	48,109	3/4	41,238	3/4	34,367	3/4	27,496	
11	11	82,319	11	75,448	11	68,578	11	61,707	11	54,836	11	47,965	11	41,095	11	34,224	11	27,353	
3/8	3/8	82,176	3/8	75,305	3/8	68,434	3/8	61,564	3/8	54,693	3/8	47,822	3/8	40,952	3/8	34,081	3/8	27,210	
1/2	1/2	82,033	1/2	75,162	1/2	68,291	1/2	61,421	1/2	54,550	1/2	47,679	1/2	40,808	1/2	33,938	1/2	27,067	
3/4	3/4	81,890	3/4	75,019	3/4	68,148	3/4	61,277	3/4	54,407	3/4	47,536	3/4	40,665	3/4	33,795	3/4	26,924	

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'-3" OFF CENTERLINE AND 21'-0" FORWARD OF AFT BULKHEAD.

NOTE: NO TRIM CORRECTION REQUIRED DUE TO GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK.  
 NOTE: CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

DATE STRAPPED: 7/6/04 BY: KS-D/S  
 DATE COMPUTED: 7/6/04 BY: DR  
 DATE ISSUED: 7/6/04

CERTIFIED TANK CALIBRATION, INC.

*Paul A. Rose*

BARGE "Cbc 199"

2 PORT  
 ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 15'-10 3/4"

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	26,781	0	19,910	0	13,039	0	6,169	0												
1/4	26,638	1/4	19,767	1/4	12,896	1/4	6,025	1/4	6,025	1/4	4,165	1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	26,494	1/2	19,624	1/2	12,753	1/2	5,882	1/2	5,882	1/2	4,021	3/4	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	26,351	3/4	19,481	3/4	12,610	3/4	5,739	3/4	5,739	3/4	3,878	4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	26,208	1	19,337	1	12,467	1	5,596	1	5,596	1	3,735	4	4	4	4	4	4	4	4	4
1/4	26,065	1/4	19,194	1/4	12,324	1/4	5,453	1/4	5,453	1/4	3,592	1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	25,922	1/2	19,051	1/2	12,180	1/2	5,310	1/2	5,310	1/2	3,449	3/4	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	25,779	3/4	18,908	3/4	12,037	3/4	5,167	3/4	5,167	3/4	3,306	5	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	25,636	2	18,765	2	11,894	2	5,023	2	5,023	2	3,163	5	4	4	4	4	4	4	4	4
1/4	25,492	1/4	18,622	1/4	11,751	1/4	4,880	1/4	4,880	1/4	3,019	1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	25,349	1/2	18,479	1/2	11,608	1/2	4,737	1/2	4,737	1/2	2,876	3/4	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	25,206	3/4	18,335	3/4	11,465	3/4	4,594	3/4	4,594	3/4	2,733	4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	25,063	3	18,192	3	11,322	3	4,451	3	4,451	3	2,590	4	4	4	4	4	4	4	4	4
1/4	24,920	1/4	18,049	1/4	11,178	1/4	4,308	1/4	4,308	1/4	2,447	1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	24,777	1/2	17,906	1/2	11,035	1/2	4,165	1/2	4,165	1/2	2,304	3/4	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	24,634	3/4	17,763	3/4	10,892	3/4	4,021	3/4	4,021	3/4	2,161	4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	24,490	4	17,620	4	10,749	4	3,878	4	3,878	4	2,017	4	4	4	4	4	4	4	4	4
1/4	24,347	1/4	17,477	1/4	10,606	1/4	3,735	1/4	3,735	1/4	1,874	1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	24,204	1/2	17,333	1/2	10,463	1/2	3,592	1/2	3,592	1/2	1,731	3/4	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	24,061	3/4	17,190	3/4	10,320	3/4	3,449	3/4	3,449	3/4	1,589	4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	23,918	5	17,047	5	10,176	5	3,306	5	3,306	5	1,447	4	4	4	4	4	4	4	4	4
1/4	23,775	1/4	16,904	1/4	10,033	1/4	3,163	1/4	3,163	1/4	1,304	1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	23,632	1/2	16,761	1/2	9,890	1/2	3,019	1/2	3,019	1/2	1,161	3/4	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	23,488	3/4	16,618	3/4	9,747	3/4	2,876	3/4	2,876	3/4	1,017	4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	23,345	6	16,475	6	9,604	6	2,733	6	2,733	6	874	4	4	4	4	4	4	4	4	4
1/4	23,202	1/4	16,331	1/4	9,461	1/4	2,590	1/4	2,590	1/4	731	1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	23,059	1/2	16,188	1/2	9,318	1/2	2,447	1/2	2,447	1/2	589	3/4	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	22,916	3/4	16,045	3/4	9,174	3/4	2,304	3/4	2,304	3/4	447	4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	22,773	7	15,902	7	9,031	7	2,161	7	2,161	7	304	4	4	4	4	4	4	4	4	4
1/4	22,630	1/4	15,759	1/4	8,888	1/4	2,017	1/4	2,017	1/4	161	1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	22,486	1/2	15,616	1/2	8,745	1/2	1,874	1/2	1,874	1/2	117	3/4	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	22,343	3/4	15,473	3/4	8,602	3/4	1,731	3/4	1,731	3/4	3	4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	22,200	8	15,329	8	8,459	8	1,589	8	1,589	8	1	4	4	4	4	4	4	4	4	4
1/4	22,057	1/4	15,186	1/4	8,316	1/4	1,459	1/4	1,459	1/4	1	1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	21,914	1/2	15,043	1/2	8,172	1/2	1,323	1/2	1,323	1/2	1	1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
3/4	21,771	3/4	14,900	3/4	8,029	3/4	1,187	3/4	1,187	3/4	1	1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
9	21,628	9	14,757	9	7,886	9	1,073	9	1,073	9	1	1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/4	21,485	1/4	14,614	1/4	7,743	1/4	958	1/4	958	1/4	1	1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	21,341	1/2	14,471	1/2	7,600	1/2	844	1/2	844	1/2	1	1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
3/4	21,198	3/4	14,328	3/4	7,457	3/4	729	3/4	729	3/4	1	1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
10	21,055	10	14,184	10	7,314	10	613	10	613	10	1	1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/4	20,912	1/4	14,041	1/4	7,171	1/4	557	1/4	557	1/4	1	1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	20,769	1/2	13,898	1/2	7,027	1/2	472	1/2	472	1/2	1	1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
3/4	20,626	3/4	13,755	3/4	6,884	3/4	386	3/4	386	3/4	1	1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
11	20,483	11	13,612	11	6,741	11	300	11	300	11	1	1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/4	20,339	1/4	13,469	1/4	6,598	1/4	214	1/4	214	1/4	1	1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	20,196	1/2	13,326	1/2	6,455	1/2	128	1/2	128	1/2	1	1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
3/4	20,053	3/4	13,182	3/4	6,312	3/4	42	3/4	42	3/4	1	1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4

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: 7/5/94 BY: KS-DS  
 DATE COMPUTED: 7/6/94 BY: DR  
 DATE ISSUED: 7/6/94

CERTIFIED TANK CALIBRATION, INC.

*Bill A. Brown*



**BARGE "CBC 199"**

**2 STBD  
ULLAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-0 5/8"

N	12 FT.	N	13 FT.	N	14 FT.	N	15 FT.	N	16 FT.	N	17 FT.	N	18 FT.	N	19 FT.	N	20 FT.	N	21 FT.
0	28,612	0	21,555	0	14,498	0	7,441	0	626	0	0	0	0	0	0	0	0	0	0
1/4	28,465	1/4	21,408	1/4	14,351	1/4	7,294	1/4	534	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	28,318	1/2	21,261	1/2	14,204	1/2	7,147	1/2	442	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	28,171	3/4	21,114	3/4	14,057	3/4	7,000	5/8	396	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	28,024	1	20,967	1	13,910	1	6,853	1	304	1	1	1	1	1	1	1	1	1	1
1/4	27,877	1/4	20,820	1/4	13,763	1/4	6,706	1/4	212	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	27,730	1/2	20,673	1/2	13,616	1/2	6,559	1/2	120	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	27,583	3/4	20,526	3/4	13,469	3/4	6,412	3/4	38	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	27,436	2	20,379	2	13,322	2	6,265	2	0	2	2	2	2	2	2	2	2	2	2
1/4	27,289	1/4	20,232	1/4	13,175	1/4	6,118	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	27,142	1/2	20,085	1/2	13,028	1/2	5,971	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	26,995	3/4	19,938	3/4	12,881	3/4	5,824	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	26,848	3	19,791	3	12,734	3	5,677	3	0	3	3	3	3	3	3	3	3	3	3
1/4	26,701	1/4	19,644	1/4	12,587	1/4	5,529	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	26,554	1/2	19,497	1/2	12,440	1/2	5,382	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	26,407	3/4	19,350	3/4	12,293	3/4	5,235	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	26,260	4	19,203	4	12,146	4	5,088	4	0	4	4	4	4	4	4	4	4	4	4
1/4	26,113	1/4	19,056	1/4	11,999	1/4	4,941	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	25,966	1/2	18,909	1/2	11,852	1/2	4,794	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	25,819	3/4	18,762	3/4	11,705	3/4	4,647	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	25,672	5	18,615	5	11,558	5	4,500	5	0	5	5	5	5	5	5	5	5	5	5
1/4	25,525	1/4	18,468	1/4	11,411	1/4	4,353	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	25,378	1/2	18,321	1/2	11,263	1/2	4,206	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	25,231	3/4	18,174	3/4	11,116	3/4	4,059	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	25,084	6	18,027	6	10,969	6	3,912	6	0	6	6	6	6	6	6	6	6	6	6
1/4	24,937	1/4	17,880	1/4	10,822	1/4	3,765	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	24,790	1/2	17,733	1/2	10,675	1/2	3,618	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	24,643	3/4	17,586	3/4	10,528	3/4	3,471	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	24,496	7	17,439	7	10,381	7	3,324	7	0	7	7	7	7	7	7	7	7	7	7
1/4	24,349	1/4	17,292	1/4	10,234	1/4	3,177	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	24,202	1/2	17,145	1/2	10,087	1/2	3,030	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	24,055	3/4	16,997	3/4	9,940	3/4	2,883	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	23,908	8	16,850	8	9,793	8	2,736	8	0	8	8	8	8	8	8	8	8	8	8
1/4	23,761	1/4	16,703	1/4	9,646	1/4	2,589	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	23,614	1/2	16,556	1/2	9,499	1/2	2,442	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	23,467	3/4	16,409	3/4	9,352	3/4	2,295	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	23,320	9	16,262	9	9,205	9	2,148	9	0	9	9	9	9	9	9	9	9	9	9
1/4	23,173	1/4	16,115	1/4	9,058	1/4	2,001	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	23,026	1/2	15,968	1/2	8,911	1/2	1,854	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	22,879	3/4	15,821	3/4	8,764	3/4	1,713	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	22,731	10	15,674	10	8,617	10	1,573	10	0	10	10	10	10	10	10	10	10	10	10
1/4	22,584	1/4	15,527	1/4	8,470	1/4	1,432	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	22,437	1/2	15,380	1/2	8,323	1/2	1,291	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	22,290	3/4	15,233	3/4	8,176	3/4	1,171	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	22,143	11	15,086	11	8,029	11	1,051	11	0	11	11	11	11	11	11	11	11	11	11
1/4	21,996	1/4	14,939	1/4	7,882	1/4	930	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	21,849	1/2	14,792	1/2	7,735	1/2	810	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	21,702	3/4	14,645	3/4	7,588	3/4	718	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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

DATE STRAPPED: 7/5/94 BY: KS-DS  
DATE COMPUTED: 7/6/94 BY: DR  
DATE ISSUED: 7/6/94

CERTIFIED TANK CALIBRATION, INC.

*Paul A. Rose*







**BARGE "CBC 199"**

**3 STBD**

**ULLAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-0 1/2"

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	28,452	0	21,416	0	14,379	0	7,343	0	571	0	0	0	0	0	0	0	0	0	0	0
1/4	28,306	1/4	21,269	1/4	14,233	1/4	7,196	1/4	483	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	28,159	1/2	21,123	1/2	14,086	1/2	7,050	1/2	395	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	28,012	3/4	20,976	3/4	13,940	3/4	6,903	3/4	307	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	27,866	1	20,830	1	13,793	1	6,757	1	219	1	1	1	1	1	1	1	1	1	1	1
1/4	27,719	1/4	20,683	1/4	13,647	1/4	6,610	1/4	131	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	27,573	1/2	20,536	1/2	13,500	1/2	6,464	1/2	43	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	27,426	3/4	20,390	3/4	13,353	3/4	6,317	3/4	35	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	27,280	2	20,243	2	13,207	2	6,170	2	27	2	2	2	2	2	2	2	2	2	2	2
1/4	27,133	1/4	20,097	1/4	13,060	1/4	6,024	1/4	19	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	26,986	1/2	19,950	1/2	12,914	1/2	5,877	1/2	11	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	26,840	3/4	19,803	3/4	12,767	3/4	5,731	3/4	3	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	26,693	3	19,657	3	12,620	3	5,584	3	25	3	3	3	3	3	3	3	3	3	3	3
1/4	26,547	1/4	19,510	1/4	12,474	1/4	5,437	1/4	17	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	26,400	1/2	19,364	1/2	12,327	1/2	5,291	1/2	9	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	26,253	3/4	19,217	3/4	12,181	3/4	5,144	3/4	1	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	26,107	4	19,070	4	12,034	4	4,998	4	23	4	4	4	4	4	4	4	4	4	4	4
1/4	25,960	1/4	18,924	1/4	11,887	1/4	4,851	1/4	15	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	25,814	1/2	18,777	1/2	11,741	1/2	4,704	1/2	7	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	25,667	3/4	18,631	3/4	11,594	3/4	4,558	3/4	29	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	25,520	5	18,484	5	11,448	5	4,411	5	21	5	5	5	5	5	5	5	5	5	5	5
1/4	25,374	1/4	18,337	1/4	11,301	1/4	4,265	1/4	13	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	25,227	1/2	18,191	1/2	11,154	1/2	4,118	1/2	5	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	25,081	3/4	18,044	3/4	11,008	3/4	3,971	3/4	27	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	24,934	6	17,898	6	10,861	6	3,825	6	19	6	6	6	6	6	6	6	6	6	6	6
1/4	24,787	1/4	17,751	1/4	10,715	1/4	3,678	1/4	11	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	24,641	1/2	17,604	1/2	10,568	1/2	3,532	1/2	3	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	24,494	3/4	17,458	3/4	10,422	3/4	3,385	3/4	25	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	24,348	7	17,311	7	10,275	7	3,239	7	17	7	7	7	7	7	7	7	7	7	7	7
1/4	24,201	1/4	17,165	1/4	10,128	1/4	3,092	1/4	9	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	24,055	1/2	17,018	1/2	9,982	1/2	2,945	1/2	1	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	23,908	3/4	16,872	3/4	9,835	3/4	2,799	3/4	29	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	23,761	8	16,725	8	9,689	8	2,652	8	21	8	8	8	8	8	8	8	8	8	8	8
1/4	23,615	1/4	16,578	1/4	9,542	1/4	2,506	1/4	13	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	23,469	1/2	16,432	1/2	9,395	1/2	2,359	1/2	5	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	23,322	3/4	16,285	3/4	9,249	3/4	2,212	3/4	27	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	23,175	9	16,139	9	9,102	9	2,066	9	19	9	9	9	9	9	9	9	9	9	9	9
1/4	23,028	1/4	15,992	1/4	8,956	1/4	1,919	1/4	11	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	22,882	1/2	15,845	1/2	8,809	1/2	1,773	1/2	3	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	22,735	3/4	15,699	3/4	8,662	3/4	1,626	3/4	25	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	22,589	10	15,552	10	8,516	10	1,480	10	17	10	10	10	10	10	10	10	10	10	10	10
1/4	22,442	1/4	15,406	1/4	8,369	1/4	1,333	1/4	9	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	22,295	1/2	15,259	1/2	8,223	1/2	1,187	1/2	1	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	22,149	3/4	15,112	3/4	8,076	3/4	1,040	3/4	29	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	22,002	11	14,966	11	7,929	11	981	11	21	11	11	11	11	11	11	11	11	11	11	11
1/4	21,855	1/4	14,819	1/4	7,783	1/4	864	1/4	13	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	21,709	1/2	14,673	1/2	7,636	1/2	746	1/2	5	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	21,562	3/4	14,526	3/4	7,490	3/4	629	3/4	27	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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DATE STRAPPED: 7/5/04 BY: KS-DS  
DATE COMPUTED: 7/6/04 BY: DR  
DATE ISSUED: 7/6/04

CERTIFIED TANK CALIBRATION, INC.

*Paul A. Brown*

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16" 4 7/8"

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.	IN	12 FT.
0	173,054	0	161,729	0	148,494	0	135,259	0	122,024	0	108,789	0	95,554	0	82,319	0	69,084	0	55,849
1/4	172,985	1/4	161,453	1/4	148,218	1/4	134,983	1/4	121,748	1/4	108,513	1/4	95,278	1/4	82,043	1/4	68,808	1/4	55,573
1/2	172,916	1/2	161,177	1/2	147,942	1/2	134,707	1/2	121,472	1/2	108,237	1/2	95,002	1/2	81,767	1/2	68,532	1/2	55,297
3/4	172,847	3/4	160,902	3/4	147,667	3/4	134,422	3/4	121,196	3/4	107,961	3/4	94,726	3/4	81,491	3/4	68,256	3/4	55,021
1	172,730	1	160,626	1	147,391	1	134,156	1	120,921	1	107,686	1	94,451	1	81,216	1	67,981	1	54,746
1/4	172,613	1/4	160,350	1/4	147,115	1/4	133,880	1/4	120,645	1/4	107,410	1/4	94,175	1/4	80,940	1/4	67,705	1/4	54,470
1/2	172,496	1/2	160,074	1/2	146,839	1/2	133,604	1/2	120,369	1/2	107,134	1/2	93,899	1/2	80,664	1/2	67,429	1/2	54,194
3/4	172,379	3/4	159,799	3/4	146,564	3/4	133,329	3/4	120,094	3/4	106,859	3/4	93,624	3/4	80,389	3/4	67,154	3/4	53,919
1	172,262	1	159,523	1	146,288	1	133,053	1	119,818	1	106,583	1	93,348	1	80,113	1	66,878	1	53,643
1/4	172,145	1/4	159,247	1/4	146,012	1/4	132,777	1/4	119,542	1/4	106,307	1/4	93,072	1/4	79,827	1/4	66,602	1/4	53,367
1/2	172,028	1/2	158,971	1/2	145,736	1/2	132,501	1/2	119,266	1/2	106,031	1/2	92,796	1/2	79,551	1/2	66,326	1/2	53,091
3/4	171,969	3/4	158,696	3/4	145,461	3/4	132,226	3/4	118,991	3/4	105,756	3/4	92,521	3/4	79,286	3/4	66,051	3/4	52,816
1	171,852	1	158,420	1	145,185	1	131,950	1	118,715	1	105,480	1	92,245	1	79,010	1	65,775	1	52,540
1/4	171,734	1/4	158,144	1/4	144,909	1/4	131,674	1/4	118,439	1/4	105,204	1/4	91,969	1/4	78,734	1/4	65,534	1/4	52,264
1/2	171,617	1/2	157,868	1/2	144,633	1/2	131,398	1/2	118,163	1/2	104,928	1/2	91,693	1/2	78,458	1/2	65,293	1/2	51,988
3/4	171,500	3/4	157,593	3/4	144,358	3/4	131,123	3/4	117,888	3/4	104,653	3/4	91,418	3/4	78,183	3/4	65,052	3/4	51,713
1	171,383	1	157,317	1	144,082	1	130,847	1	117,612	1	104,377	1	91,142	1	77,907	1	64,811	1	51,437
1/4	171,265	1/4	157,041	1/4	143,806	1/4	130,571	1/4	117,336	1/4	104,101	1/4	90,866	1/4	77,631	1/4	64,535	1/4	51,161
1/2	169,986	1/2	156,766	1/2	143,531	1/2	130,296	1/2	117,061	1/2	103,826	1/2	90,591	1/2	77,356	1/2	64,259	1/2	50,886
3/4	169,917	3/4	156,490	3/4	143,255	3/4	130,020	3/4	116,785	3/4	103,550	3/4	90,315	3/4	77,080	3/4	63,984	3/4	50,610
1	169,847	1	156,214	1	142,979	1	129,744	1	116,509	1	103,274	1	90,039	1	76,804	1	63,708	1	50,334
1/4	169,729	1/4	155,938	1/4	142,703	1/4	129,468	1/4	116,233	1/4	102,998	1/4	89,763	1/4	76,528	1/4	63,432	1/4	50,058
1/2	169,660	1/2	155,663	1/2	142,428	1/2	129,193	1/2	115,958	1/2	102,723	1/2	89,488	1/2	76,253	1/2	63,156	1/2	49,783
3/4	169,591	3/4	155,387	3/4	142,152	3/4	128,917	3/4	115,682	3/4	102,447	3/4	89,212	3/4	75,977	3/4	62,881	3/4	49,507
1	169,522	1	155,111	1	141,876	1	128,641	1	115,406	1	102,171	1	88,936	1	75,701	1	62,605	1	49,231
1/4	168,446	1/4	154,835	1/4	141,600	1/4	128,365	1/4	115,130	1/4	101,895	1/4	88,660	1/4	75,425	1/4	62,329	1/4	48,955
1/2	168,377	1/2	154,560	1/2	141,325	1/2	128,090	1/2	114,855	1/2	101,620	1/2	88,385	1/2	75,150	1/2	62,053	1/2	48,679
3/4	168,308	3/4	154,284	3/4	141,049	3/4	127,814	3/4	114,579	3/4	101,344	3/4	88,109	3/4	74,874	3/4	61,777	3/4	48,403
1	168,239	1	154,008	1	140,773	1	127,538	1	114,303	1	101,069	1	87,833	1	74,598	1	61,501	1	48,127
1/4	168,170	1/4	153,733	1/4	140,498	1/4	127,263	1/4	114,028	1/4	100,793	1/4	87,558	1/4	74,323	1/4	61,225	1/4	47,851
1/2	168,101	1/2	153,457	1/2	140,222	1/2	126,987	1/2	113,752	1/2	100,517	1/2	87,282	1/2	74,047	1/2	60,949	1/2	47,575
3/4	168,032	3/4	153,181	3/4	139,946	3/4	126,711	3/4	113,476	3/4	100,241	3/4	87,006	3/4	73,771	3/4	60,673	3/4	47,300
1	168,000	1	152,905	1	139,670	1	126,435	1	113,200	1	99,965	1	86,730	1	73,495	1	60,397	1	47,024
1/4	167,931	1/4	152,630	1/4	139,395	1/4	126,160	1/4	112,925	1/4	99,690	1/4	86,455	1/4	73,220	1/4	60,121	1/4	46,748
1/2	167,862	1/2	152,354	1/2	139,119	1/2	125,884	1/2	112,649	1/2	99,414	1/2	86,179	1/2	72,944	1/2	59,845	1/2	46,472
3/4	167,793	3/4	152,078	3/4	138,843	3/4	125,608	3/4	112,373	3/4	99,138	3/4	85,903	3/4	72,668	3/4	59,569	3/4	46,196
1	167,724	1	151,802	1	138,567	1	125,332	1	112,097	1	98,862	1	85,627	1	72,392	1	59,293	1	45,920
1/4	167,655	1/4	151,527	1/4	138,292	1/4	125,057	1/4	111,822	1/4	98,587	1/4	85,352	1/4	72,117	1/4	59,017	1/4	45,644
1/2	167,586	1/2	151,251	1/2	138,016	1/2	124,781	1/2	111,546	1/2	98,311	1/2	85,076	1/2	71,841	1/2	58,741	1/2	45,368
3/4	167,517	3/4	150,975	3/4	137,740	3/4	124,505	3/4	111,270	3/4	98,035	3/4	84,800	3/4	71,565	3/4	58,465	3/4	45,092
1	167,448	1	150,700	1	137,465	1	124,230	1	110,995	1	97,760	1	84,525	1	71,290	1	58,189	1	44,816
1/4	167,379	1/4	150,424	1/4	137,189	1/4	123,954	1/4	110,719	1/4	97,484	1/4	84,249	1/4	71,014	1/4	57,913	1/4	44,540
1/2	167,310	1/2	150,148	1/2	136,913	1/2	123,678	1/2	110,443	1/2	97,208	1/2	83,973	1/2	70,738	1/2	57,637	1/2	44,264
3/4	167,241	3/4	149,872	3/4	136,637	3/4	123,402	3/4	110,167	3/4	96,932	3/4	83,697	3/4	70,462	3/4	57,361	3/4	43,988
1	167,172	1	149,597	1	136,362	1	123,127	1	109,892	1	96,656	1	83,422	1	70,187	1	57,086	1	43,712
1/4	167,103	1/4	149,321	1/4	136,086	1/4	122,851	1/4	109,616	1/4	96,381	1/4	83,146	1/4	69,911	1/4	56,811	1/4	43,436
1/2	167,034	1/2	149,045	1/2	135,810	1/2	122,575	1/2	109,340	1/2	96,105	1/2	82,870	1/2	69,635	1/2	56,535	1/2	43,160
3/4	166,965	3/4	148,769	3/4	135,534	3/4	122,299	3/4	109,064	3/4	95,829	3/4	82,594	3/4	69,359	3/4	56,259	3/4	42,884

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 1'-7" OFF CENTERLINE AND 23'-6" FORWARD OF AFT BULKHEAD.

NOTE: NO TRIM CORRECTION REQUIRED DUE TO GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK.  
 NOTE: CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

DATE STRAPPED: 7/5/94 BY: KS-DS  
 DATE COMPUTED: 7/6/94 BY: DR  
 DATE ISSUED: 7/6/94

CERTIFIED TANK CALIBRATION, INC.

*Bill A. Brown*

**BARGE "CBC 199"**

**TANK NO. 4  
ULLAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS

IN	13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		20 FT.		21 FT.		22 FT.	
	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR	IN	FR
0	42,614	0	29,379	0	16,144	0	2,927	0		0	0	0	0	0	0	0	0	0	0	0
1/4	42,338	1/4	29,103	1/4	15,868	1/4	2,669	1/4	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	42,062	1/2	28,827	1/2	15,592	1/2	2,412	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	41,786	3/4	28,551	3/4	15,316	3/4	2,154	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	41,511	1	28,276	1	15,041	1	1,941	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	41,235	1/4	28,000	1/4	14,765	1/4	1,728	1/4	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	40,959	1/2	27,724	1/2	14,489	1/2	1,515	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	40,684	3/4	27,449	3/4	14,214	3/4	1,303	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	40,408	2	27,173	2	13,938	2	1,144	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	40,132	1/4	26,897	1/4	13,662	1/4	985	1/4	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	39,856	1/2	26,621	1/2	13,386	1/2	827	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	39,581	3/4	26,346	3/4	13,111	3/4	668	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	39,305	3	26,070	3	12,835	3	565	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	39,029	1/4	25,794	1/4	12,559	1/4	462	1/4	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	38,753	1/2	25,518	1/2	12,283	1/2	359	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	38,478	3/4	25,243	3/4	12,008	3/4	255	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	38,202	4	24,967	4	11,732	4	207	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	37,926	1/4	24,691	1/4	11,456	1/4	158	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	37,651	1/2	24,416	1/2	11,181	1/2	110	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	37,375	3/4	24,140	3/4	10,905	3/4	62	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	37,099	5	23,864	5	10,629	5	38	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	36,823	1/4	23,588	1/4	10,353	1/4		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	36,548	1/2	23,313	1/2	10,078	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	36,272	3/4	23,037	3/4	9,802	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	35,996	6	22,761	6	9,526	6		6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	35,720	1/4	22,485	1/4	9,250	1/4		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	35,445	1/2	22,210	1/2	8,975	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	35,169	3/4	21,934	3/4	8,699	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	34,893	7	21,658	7	8,423	7		7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	34,618	1/4	21,383	1/4	8,148	1/4		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	34,342	1/2	21,107	1/2	7,872	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	34,066	3/4	20,831	3/4	7,596	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	33,790	8	20,555	8	7,320	8		8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	33,515	1/4	20,280	1/4	7,045	1/4		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	33,239	1/2	20,004	1/2	6,769	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	32,963	3/4	19,728	3/4	6,493	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	32,687	9	19,452	9	6,217	9		9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	32,412	1/4	19,177	1/4	5,942	1/4		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	32,136	1/2	18,901	1/2	5,666	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	31,860	3/4	18,625	3/4	5,390	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	31,585	10	18,350	10	5,115	10		10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	31,309	1/4	18,074	1/4	4,839	1/4		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	31,033	1/2	17,798	1/2	4,563	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	30,757	3/4	17,522	3/4	4,287	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	30,482	11	17,247	11	4,012	11		11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	30,206	1/4	16,971	1/4	3,736	1/4		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	29,930	1/2	16,695	1/2	3,460	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	29,654	3/4	16,419	3/4	3,184	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

GAUGE HEIGHT 16'-4 7/8"

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DATE STRAPPED: 7/5/94 BY: KS-DS  
DATE COMPUTED: 7/6/94 BY: DR  
DATE ISSUED: 7/6/94

CERTIFIED TANK CALIBRATION, INC.

*Bill A. Rose*