

CAPACITIES GIVEN IN WHOLE GALLONS

2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	177,285	0	164,759	0	151,172	0	137,584	0	123,997	0	110,410	0	96,823	0	83,235	0	69,648	0
1/4	1/4	177,157	1/4	164,476	1/4	150,889	1/4	137,301	1/4	123,714	1/4	110,127	1/4	96,540	1/4	82,952	1/4	69,365	1/4
1/2	1/2	177,030	1/2	164,193	1/2	150,605	1/2	137,018	1/2	123,431	1/2	109,844	1/2	96,257	1/2	82,669	1/2	69,082	1/2
3/4	3/4	176,902	3/4	163,910	3/4	150,322	3/4	136,735	3/4	123,148	3/4	109,561	3/4	95,973	3/4	82,386	3/4	68,799	3/4
1	1	176,718	1	163,627	1	150,039	1	136,452	1	122,865	1	109,278	1	95,690	1	82,103	1	68,516	1
1/4	1/4	176,534	1/4	163,344	1/4	149,756	1/4	136,169	1/4	122,582	1/4	108,995	1/4	95,407	1/4	81,820	1/4	68,233	1/4
1/2	1/2	176,350	1/2	163,060	1/2	149,473	1/2	135,886	1/2	122,299	1/2	108,711	1/2	95,124	1/2	81,537	1/2	67,950	1/2
3/4	3/4	176,166	3/4	162,777	3/4	149,190	3/4	135,603	3/4	122,016	3/4	108,428	3/4	94,841	3/4	81,254	3/4	67,667	3/4
2	2	175,926	2	162,494	2	148,907	2	135,320	2	121,733	2	108,145	2	94,558	2	80,971	2	67,384	2
1/4	1/4	175,685	1/4	162,211	1/4	148,624	1/4	135,037	1/4	121,450	1/4	107,862	1/4	94,275	1/4	80,688	1/4	67,101	1/4
1/2	1/2	175,445	1/2	161,928	1/2	148,341	1/2	134,754	1/2	121,166	1/2	107,579	1/2	93,992	1/2	80,405	1/2	66,817	1/2
3/4	3/4	175,204	3/4	161,645	3/4	148,058	3/4	134,471	3/4	120,883	3/4	107,296	3/4	93,709	3/4	80,122	3/4	66,534	3/4
3	3	174,928	3	161,362	3	147,775	3	134,188	3	120,600	3	107,013	3	93,426	3	79,839	3	66,251	3
1/4	1/4	174,652	1/4	161,079	1/4	147,492	1/4	133,904	1/4	120,317	1/4	106,730	1/4	93,143	1/4	79,556	1/4	65,968	1/4
1/2	1/2	174,376	1/2	160,796	1/2	147,209	1/2	133,621	1/2	120,034	1/2	106,447	1/2	92,860	1/2	79,272	1/2	65,685	1/2
3/4	3/4	174,100	3/4	160,513	3/4	146,926	3/4	133,338	3/4	119,751	3/4	106,164	3/4	92,577	3/4	78,989	3/4	65,402	3/4
4	4	173,817	4	160,230	4	146,643	4	133,055	4	119,468	4	105,881	4	92,294	4	78,706	4	65,119	4
1/4	1/4	173,534	1/4	159,947	1/4	146,359	1/4	132,772	1/4	119,185	1/4	105,598	1/4	92,010	1/4	78,423	1/4	64,836	1/4
1/2	1/2	173,251	1/2	159,664	1/2	146,076	1/2	132,489	1/2	118,902	1/2	105,315	1/2	91,727	1/2	78,140	1/2	64,553	1/2
3/4	3/4	172,968	3/4	159,381	3/4	145,793	3/4	132,206	3/4	118,619	3/4	105,032	3/4	91,444	3/4	77,857	3/4	64,270	3/4
5	5	172,685	5	159,098	5	145,510	5	131,923	5	118,336	5	104,749	5	91,161	5	77,574	5	63,987	5
1/4	1/4	172,402	1/4	158,814	1/4	145,227	1/4	131,640	1/4	118,053	1/4	104,465	1/4	90,878	1/4	77,291	1/4	63,704	1/4
1/2	1/2	172,119	1/2	158,531	1/2	144,944	1/2	131,357	1/2	117,770	1/2	104,182	1/2	90,595	1/2	77,008	1/2	63,421	1/2
3/4	3/4	171,836	3/4	158,248	3/4	144,661	3/4	131,074	3/4	117,487	3/4	103,899	3/4	90,312	3/4	76,725	3/4	63,138	3/4
6	6	171,552	6	157,965	6	144,378	6	130,791	6	117,204	6	103,616	6	90,029	6	76,442	6	62,855	6
1/4	1/4	171,269	1/4	157,682	1/4	144,095	1/4	130,508	1/4	116,920	1/4	103,333	1/4	89,746	1/4	76,159	1/4	62,571	1/4
1/2	1/2	170,986	1/2	157,399	1/2	143,812	1/2	130,225	1/2	116,637	1/2	103,050	1/2	89,463	1/2	75,876	1/2	62,288	1/2
3/4	3/4	170,703	3/4	157,116	3/4	143,529	3/4	129,942	3/4	116,354	3/4	102,767	3/4	89,180	3/4	75,593	3/4	62,005	3/4
7	7	170,420	7	156,833	7	143,246	7	129,658	7	116,071	7	102,484	7	88,897	7	75,309	7	61,722	7
1/4	1/4	170,137	1/4	156,550	1/4	142,963	1/4	129,375	1/4	115,788	1/4	102,201	1/4	88,614	1/4	75,026	1/4	61,439	1/4
1/2	1/2	169,854	1/2	156,267	1/2	142,680	1/2	129,092	1/2	115,505	1/2	101,918	1/2	88,331	1/2	74,743	1/2	61,156	1/2
3/4	3/4	169,571	3/4	155,984	3/4	142,397	3/4	128,809	3/4	115,222	3/4	101,635	3/4	88,048	3/4	74,460	3/4	60,873	3/4
8	8	169,288	8	155,701	8	142,113	8	128,526	8	114,939	8	101,352	8	87,764	8	74,177	8	60,590	8
1/4	1/4	169,005	1/4	155,418	1/4	141,830	1/4	128,243	1/4	114,656	1/4	101,069	1/4	87,481	1/4	73,894	1/4	60,307	1/4
1/2	1/2	168,722	1/2	155,135	1/2	141,547	1/2	127,960	1/2	114,373	1/2	100,786	1/2	87,198	1/2	73,611	1/2	60,024	1/2
3/4	3/4	168,439	3/4	154,851	3/4	141,264	3/4	127,677	3/4	114,090	3/4	100,503	3/4	86,915	3/4	73,328	3/4	59,741	3/4
9	9	168,156	9	154,568	9	140,981	9	127,394	9	113,807	9	100,219	9	86,632	9	73,045	9	59,458	9
1/4	1/4	167,873	1/4	154,285	1/4	140,698	1/4	127,111	1/4	113,524	1/4	99,936	1/4	86,349	1/4	72,762	1/4	59,175	1/4
1/2	1/2	167,590	1/2	154,002	1/2	140,415	1/2	126,828	1/2	113,241	1/2	99,653	1/2	86,066	1/2	72,479	1/2	58,892	1/2
3/4	3/4	167,306	3/4	153,719	3/4	140,132	3/4	126,545	3/4	112,957	3/4	99,370	3/4	85,783	3/4	72,196	3/4	58,609	3/4
10	10	167,023	10	153,436	10	139,849	10	126,262	10	112,674	10	99,087	10	85,500	10	71,913	10	58,325	10
1/4	1/4	166,740	1/4	153,153	1/4	139,566	1/4	125,979	1/4	112,391	1/4	98,804	1/4	85,217	1/4	71,630	1/4	58,042	1/4
1/2	1/2	166,457	1/2	152,870	1/2	139,283	1/2	125,696	1/2	112,108	1/2	98,521	1/2	84,934	1/2	71,347	1/2	57,759	1/2
3/4	3/4	166,174	3/4	152,587	3/4	139,000	3/4	125,412	3/4	111,825	3/4	98,238	3/4	84,651	3/4	71,063	3/4	57,476	3/4
11	11	165,891	11	152,304	11	138,717	11	125,129	11	111,542	11	97,955	11	84,368	11	70,780	11	57,193	11
1/4	1/4	165,608	1/4	152,021	1/4	138,434	1/4	124,846	1/4	111,259	1/4	97,672	1/4	84,085	1/4	70,497	1/4	56,910	1/4
1/2	1/2	165,325	1/2	151,738	1/2	138,151	1/2	124,563	1/2	110,976	1/2	97,389	1/2	83,802	1/2	70,214	1/2	56,627	1/2
3/4	3/4	165,042	3/4	151,455	3/4	137,867	3/4	124,280	3/4	110,693	3/4	97,106	3/4	83,518	3/4	69,931	3/4	56,344	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'-4" OFF CENTERLINE AND 23'-10" 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.

CERTIFIED TANK CALIBRATION, INC.

*Debra A. Brown*

DATE STRAPPED: 4/11/94 BY: DR-EC  
DATE COMPUTED: 4/18/94 BY: DR  
DATE ISSUED: 4/18/94

CAPACITIES GIVEN IN WHOLE GALLONS		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		20 FT.		21 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	56,061	0	42,474	0	28,886	0	15,299	0	1,868	0	0	0	0	0	0	0	0	0	0
1/4	55,778	1/4	42,191	1/4	28,603	1/4	15,016	1/4	1,655	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	55,495	1/2	41,908	1/2	28,320	1/2	14,733	1/2	1,443	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	55,212	3/4	41,624	3/4	28,037	3/4	14,450	3/4	1,231	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	54,929	1	41,341	1	27,754	1	14,167	1	1,015	1	1	1	1	1	1	1	1	1	1
1/4	54,646	1/4	41,058	1/4	27,471	1/4	13,884	1/4	919	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	54,362	1/2	40,775	1/2	27,188	1/2	13,601	1/2	764	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	54,079	3/4	40,492	3/4	26,905	3/4	13,318	3/4	608	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	53,796	2	40,209	2	26,622	2	13,035	2	509	2	2	2	2	2	2	2	2	2	2
1/4	53,513	1/4	39,926	1/4	26,339	1/4	12,752	1/4	410	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	53,230	1/2	39,643	1/2	26,056	1/2	12,468	1/2	311	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	52,947	3/4	39,360	3/4	25,773	3/4	12,185	3/4	212	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	52,664	3	39,077	3	25,490	3	11,902	3	169	3	3	3	3	3	3	3	3	3	3
1/4	52,381	1/4	38,794	1/4	25,207	1/4	11,619	1/4	127	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	52,098	1/2	38,511	1/2	24,923	1/2	11,336	1/2	84	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	51,815	3/4	38,228	3/4	24,640	3/4	11,053	3/4	42	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	51,532	4	37,945	4	24,357	4	10,770	4	4	4	4	4	4	4	4	4	4	4	4
1/4	51,249	1/4	37,662	1/4	24,074	1/4	10,487	1/4	4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	50,966	1/2	37,378	1/2	23,791	1/2	10,204	1/2	4	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	50,683	3/4	37,095	3/4	23,508	3/4	9,921	3/4	4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	50,400	5	36,812	5	23,225	5	9,638	5	5	5	5	5	5	5	5	5	5	5	5
1/4	50,116	1/4	36,529	1/4	22,942	1/4	9,355	1/4	5	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	49,833	1/2	36,246	1/2	22,659	1/2	9,072	1/2	5	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	49,550	3/4	35,963	3/4	22,376	3/4	8,789	3/4	5	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	49,267	6	35,680	6	22,093	6	8,506	6	6	6	6	6	6	6	6	6	6	6	6
1/4	48,984	1/4	35,397	1/4	21,810	1/4	8,222	1/4	6	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	48,701	1/2	35,114	1/2	21,527	1/2	7,939	1/2	6	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	48,418	3/4	34,831	3/4	21,244	3/4	7,656	3/4	6	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	48,135	7	34,548	7	20,961	7	7,373	7	7	7	7	7	7	7	7	7	7	7	7
1/4	47,852	1/4	34,265	1/4	20,677	1/4	7,090	1/4	7	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	47,569	1/2	33,982	1/2	20,394	1/2	6,807	1/2	7	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	47,286	3/4	33,699	3/4	20,111	3/4	6,524	3/4	7	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	47,003	8	33,415	8	19,828	8	6,241	8	8	8	8	8	8	8	8	8	8	8	8
1/4	46,720	1/4	33,132	1/4	19,545	1/4	5,958	1/4	8	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	46,437	1/2	32,849	1/2	19,262	1/2	5,675	1/2	8	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	46,154	3/4	32,566	3/4	18,979	3/4	5,392	3/4	8	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	45,870	9	32,283	9	18,696	9	5,109	9	9	9	9	9	9	9	9	9	9	9	9
1/4	45,587	1/4	32,000	1/4	18,413	1/4	4,826	1/4	9	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	45,304	1/2	31,717	1/2	18,130	1/2	4,543	1/2	9	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	45,021	3/4	31,434	3/4	17,847	3/4	4,260	3/4	9	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	44,738	10	31,151	10	17,564	10	3,976	10	10	10	10	10	10	10	10	10	10	10	10
1/4	44,455	1/4	30,868	1/4	17,281	1/4	3,693	1/4	10	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	44,172	1/2	30,585	1/2	16,998	1/2	3,410	1/2	10	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	43,889	3/4	30,302	3/4	16,715	3/4	3,127	3/4	10	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	43,606	11	30,019	11	16,431	11	2,865	11	11	11	11	11	11	11	11	11	11	11	11
1/4	43,323	1/4	29,736	1/4	16,148	1/4	2,604	1/4	11	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	43,040	1/2	29,453	1/2	15,865	1/2	2,342	1/2	11	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	42,757	3/4	29,169	3/4	15,582	3/4	2,080	3/4	11	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: 4/1/84 BY: DREC  
DATE COMPUTED: 4/18/84 BY: DR  
DATE ISSUED: 4/18/84

CERTIFIED TANK CALIBRATION, INC.

*Dick A. Poon*

CAPACITIES GIVEN IN WHOLE GALLONS		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
0	0	88,365	0	81,489	0	74,610	0	67,731	0	60,851	0	53,972	0	47,093	0	40,214	0	33,335	0	26,456	0	19,577
1/4	1/4	88,222	1/4	81,346	1/4	74,467	1/4	67,587	1/4	60,708	1/4	53,829	1/4	46,950	1/4	40,071	1/4	33,191	1/4	26,312	1/4	19,433
1/2	1/2	88,080	1/2	81,202	1/2	74,323	1/2	67,444	1/2	60,565	1/2	53,686	1/2	46,806	1/2	39,927	1/2	33,048	1/2	26,170	1/2	19,295
3/4	3/4	87,937	3/4	81,059	3/4	74,180	3/4	67,301	3/4	60,422	3/4	53,542	3/4	46,663	3/4	39,784	3/4	32,905	3/4	26,032	3/4	19,152
1	1	87,795	1	80,916	1	74,037	1	67,157	1	60,278	1	53,399	1	46,504	1	39,641	1	32,761	1	25,889	1	19,009
1/4	1/4	87,652	1/4	80,773	1/4	73,893	1/4	67,014	1/4	60,135	1/4	53,256	1/4	46,347	1/4	39,502	1/4	32,618	1/4	25,746	1/4	18,866
1/2	1/2	87,508	1/2	80,629	1/2	73,750	1/2	66,871	1/2	59,992	1/2	53,112	1/2	46,203	1/2	39,354	1/2	32,475	1/2	25,603	1/2	18,723
3/4	3/4	87,365	3/4	80,486	3/4	73,607	3/4	66,727	3/4	59,848	3/4	52,969	3/4	46,030	3/4	39,211	3/4	32,331	3/4	25,460	3/4	18,580
2	2	87,222	2	80,343	2	73,463	2	66,584	2	59,705	2	52,826	2	45,847	2	39,067	2	32,188	2	25,317	2	18,437
1/4	1/4	87,078	1/4	80,199	1/4	73,320	1/4	66,441	1/4	59,562	1/4	52,682	1/4	45,703	1/4	38,924	1/4	32,049	1/4	25,174	1/4	18,294
1/2	1/2	86,935	1/2	80,056	1/2	73,177	1/2	66,298	1/2	59,418	1/2	52,539	1/2	45,544	1/2	38,781	1/2	31,910	1/2	25,031	1/2	18,151
3/4	3/4	86,792	3/4	79,913	3/4	73,033	3/4	66,154	3/4	59,275	3/4	52,396	3/4	45,373	3/4	38,637	3/4	31,768	3/4	24,888	3/4	18,008
3	3	86,649	3	79,769	3	72,890	3	66,011	3	59,132	3	52,252	3	45,209	3	38,494	3	31,625	3	24,745	3	17,865
1/4	1/4	86,505	1/4	79,626	1/4	72,747	1/4	65,868	1/4	58,988	1/4	52,109	1/4	45,046	1/4	38,351	1/4	31,482	1/4	24,602	1/4	17,722
1/2	1/2	86,362	1/2	79,483	1/2	72,603	1/2	65,724	1/2	58,845	1/2	51,966	1/2	44,883	1/2	38,207	1/2	31,339	1/2	24,459	1/2	17,579
3/4	3/4	86,219	3/4	79,339	3/4	72,460	3/4	65,581	3/4	58,702	3/4	51,823	3/4	44,740	3/4	38,064	3/4	31,196	3/4	24,316	3/4	17,436
4	4	86,075	4	79,196	4	72,317	4	65,438	4	58,558	4	51,679	4	44,600	4	37,921	4	31,053	4	24,173	4	17,293
1/4	1/4	85,932	1/4	79,053	1/4	72,174	1/4	65,294	1/4	58,415	1/4	51,536	1/4	44,457	1/4	37,777	1/4	30,910	1/4	24,030	1/4	17,150
1/2	1/2	85,789	1/2	78,909	1/2	72,030	1/2	65,151	1/2	58,272	1/2	51,393	1/2	44,315	1/2	37,634	1/2	30,767	1/2	23,887	1/2	17,007
3/4	3/4	85,645	3/4	78,766	3/4	71,887	3/4	65,008	3/4	58,128	3/4	51,249	3/4	44,172	3/4	37,491	3/4	30,624	3/4	23,744	3/4	16,864
5	5	85,502	5	78,623	5	71,744	5	64,864	5	57,985	5	51,106	5	44,027	5	37,348	5	30,481	5	23,601	5	16,721
1/4	1/4	85,359	1/4	78,479	1/4	71,600	1/4	64,721	1/4	57,842	1/4	50,963	1/4	43,883	1/4	37,204	1/4	30,338	1/4	23,458	1/4	16,578
1/2	1/2	85,215	1/2	78,336	1/2	71,457	1/2	64,578	1/2	57,699	1/2	50,819	1/2	43,744	1/2	37,061	1/2	30,195	1/2	23,315	1/2	16,435
3/4	3/4	85,072	3/4	78,193	3/4	71,314	3/4	64,434	3/4	57,555	3/4	50,676	3/4	43,600	3/4	36,918	3/4	30,052	3/4	23,172	3/4	16,292
6	6	84,929	6	78,050	6	71,170	6	64,291	6	57,412	6	50,533	6	43,457	6	36,774	6	29,909	6	23,029	6	16,149
1/4	1/4	84,785	1/4	77,906	1/4	71,027	1/4	64,148	1/4	57,269	1/4	50,389	1/4	43,313	1/4	36,631	1/4	29,766	1/4	22,886	1/4	16,006
1/2	1/2	84,642	1/2	77,763	1/2	70,884	1/2	64,004	1/2	57,125	1/2	50,246	1/2	43,169	1/2	36,488	1/2	29,623	1/2	22,743	1/2	15,863
3/4	3/4	84,499	3/4	77,620	3/4	70,740	3/4	63,861	3/4	56,982	3/4	50,103	3/4	43,024	3/4	36,344	3/4	29,480	3/4	22,600	3/4	15,720
7	7	84,355	7	77,476	7	70,597	7	63,718	7	56,839	7	49,959	7	42,880	7	36,201	7	29,337	7	22,457	7	15,577
1/4	1/4	84,212	1/4	77,333	1/4	70,454	1/4	63,575	1/4	56,695	1/4	49,816	1/4	42,737	1/4	36,058	1/4	29,194	1/4	22,314	1/4	15,434
1/2	1/2	84,069	1/2	77,190	1/2	70,310	1/2	63,431	1/2	56,552	1/2	49,673	1/2	42,593	1/2	35,914	1/2	29,051	1/2	22,171	1/2	15,291
3/4	3/4	83,926	3/4	77,046	3/4	70,167	3/4	63,288	3/4	56,409	3/4	49,529	3/4	42,450	3/4	35,771	3/4	28,908	3/4	22,028	3/4	15,148
8	8	83,782	8	76,903	8	70,024	8	63,145	8	56,265	8	49,386	8	42,307	8	35,628	8	28,765	8	21,885	8	15,005
1/4	1/4	83,639	1/4	76,760	1/4	69,880	1/4	63,001	1/4	56,122	1/4	49,243	1/4	42,163	1/4	35,484	1/4	28,622	1/4	21,742	1/4	14,862
1/2	1/2	83,496	1/2	76,616	1/2	69,737	1/2	62,858	1/2	55,979	1/2	49,100	1/2	42,020	1/2	35,341	1/2	28,479	1/2	21,599	1/2	14,719
3/4	3/4	83,352	3/4	76,473	3/4	69,594	3/4	62,715	3/4	55,835	3/4	48,956	3/4	41,861	3/4	35,198	3/4	28,336	3/4	21,456	3/4	14,576
9	9	83,209	9	76,330	9	69,451	9	62,571	9	55,692	9	48,813	9	41,719	9	35,054	9	28,193	9	21,313	9	14,433
1/4	1/4	83,066	1/4	76,186	1/4	69,307	1/4	62,428	1/4	55,549	1/4	48,670	1/4	41,570	1/4	34,911	1/4	28,050	1/4	21,170	1/4	14,290
1/2	1/2	82,922	1/2	76,043	1/2	69,164	1/2	62,285	1/2	55,405	1/2	48,526	1/2	41,421	1/2	34,768	1/2	27,907	1/2	21,027	1/2	14,147
3/4	3/4	82,779	3/4	75,900	3/4	69,021	3/4	62,141	3/4	55,262	3/4	48,383	3/4	41,277	3/4	34,625	3/4	27,764	3/4	20,884	3/4	14,004
10	10	82,636	10	75,756	10	68,877	10	61,998	10	55,119	10	48,240	10	41,130	10	34,481	10	27,621	10	20,741	10	13,861
1/4	1/4	82,492	1/4	75,613	1/4	68,734	1/4	61,855	1/4	54,976	1/4	48,096	1/4	41,000	1/4	34,338	1/4	27,478	1/4	20,598	1/4	13,718
1/2	1/2	82,349	1/2	75,470	1/2	68,591	1/2	61,711	1/2	54,832	1/2	47,953	1/2	40,853	1/2	34,195	1/2	27,335	1/2	20,455	1/2	13,575
3/4	3/4	82,206	3/4	75,326	3/4	68,447	3/4	61,568	3/4	54,689	3/4	47,810	3/4	40,709	3/4	34,051	3/4	27,192	3/4	20,312	3/4	13,432
11	11	82,062	11	75,183	11	68,304	11	61,425	11	54,546	11	47,666	11	40,564	11	33,908	11	27,049	11	20,169	11	13,289
1/4	1/4	81,919	1/4	75,040	1/4	68,161	1/4	61,281	1/4	54,402	1/4	47,523	1/4	40,421	1/4	33,765	1/4	26,906	1/4	20,026	1/4	13,146
1/2	1/2	81,776	1/2	74,897	1/2	68,017	1/2	61,138	1/2	54,259	1/2	47,380	1/2	40,280	1/2	33,621	1/2	26,763	1/2	19,883	1/2	13,003
3/4	3/4	81,632	3/4	74,753	3/4	67,874	3/4	60,995	3/4	54,116	3/4	47,236	3/4	40,137	3/4	33,478	3/4	26,620	3/4	19,740	3/4	12,860

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 13'-6" OFF CENTERLINE AND 21'-2" 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.

**CERTIFIED TANK CALIBRATION, INC.**

*Debra A. Rose*

DATE STRAPPED: 4/11/84 BY: DR-EC  
DATE COMPUTED: 4/18/84 BY: DR  
DATE ISSUED: 4/19/84

**2 PORT  
ULLAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 1/8"

12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		20 FT.		21 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	26.455	0	19.576	0	12.697	0	5.818	0	0	0	0	0	0	0	0	0	0	0	0
1/4	26.312	1/4	19.433	1/4	12.554	1/4	5.675	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	26.169	1/2	19.290	1/2	12.410	1/2	5.531	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	26.026	3/4	19.146	3/4	12.267	3/4	5.388	3/4	1	1	1	1	1	1	1	1	1	1	1
1	25.882	1	19.003	1	12.124	1	5.245	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	25.739	1/4	18.860	1/4	11.960	1/4	5.101	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	25.596	1/2	18.716	1/2	11.817	1/2	4.958	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	25.452	3/4	18.573	3/4	11.674	3/4	4.815	3/4	2	2	2	2	2	2	2	2	2	2	2
2	25.309	2	18.430	2	11.531	2	4.671	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	25.166	1/4	18.286	1/4	11.407	1/4	4.528	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	25.022	1/2	18.143	1/2	11.264	1/2	4.385	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	24.879	3/4	18.000	3/4	11.121	3/4	4.241	3/4	1	1	1	1	1	1	1	1	1	1	1
3	24.736	3	17.856	3	10.977	3	4.098	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	24.592	1/4	17.713	1/4	10.834	1/4	3.955	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	24.449	1/2	17.570	1/2	10.691	1/2	3.811	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	24.306	3/4	17.427	3/4	10.547	3/4	3.668	3/4	4	4	4	4	4	4	4	4	4	4	4
4	24.162	4	17.283	4	10.404	4	3.525	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	24.019	1/4	17.140	1/4	10.261	1/4	3.381	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	23.876	1/2	16.997	1/2	10.117	1/2	3.238	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	23.732	3/4	16.853	3/4	9.974	3/4	3.095	3/4	1	1	1	1	1	1	1	1	1	1	1
5	23.589	5	16.710	5	9.831	5	2.952	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	23.446	1/4	16.567	1/4	9.687	1/4	2.808	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	23.302	1/2	16.423	1/2	9.544	1/2	2.665	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	23.159	3/4	16.280	3/4	9.401	3/4	2.522	3/4	4	4	4	4	4	4	4	4	4	4	4
6	23.016	6	16.137	6	9.257	6	2.378	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	22.873	1/4	15.993	1/4	9.114	1/4	2.235	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	22.729	1/2	15.850	1/2	8.971	1/2	2.092	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	22.586	3/4	15.707	3/4	8.827	3/4	1.948	3/4	1	1	1	1	1	1	1	1	1	1	1
7	22.443	7	15.563	7	8.684	7	1.805	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	22.299	1/4	15.420	1/4	8.541	1/4	1.668	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	22.156	1/2	15.277	1/2	8.398	1/2	1.531	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	22.013	3/4	15.133	3/4	8.254	3/4	1.394	3/4	4	4	4	4	4	4	4	4	4	4	4
8	21.869	8	14.990	8	8.111	8	1.257	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	21.726	1/4	14.847	1/4	7.968	1/4	1.139	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	21.583	1/2	14.703	1/2	7.824	1/2	1.022	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	21.439	3/4	14.560	3/4	7.681	3/4	905	3/4	1	1	1	1	1	1	1	1	1	1	1
9	21.296	9	14.417	9	7.538	9	787	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	21.153	1/4	14.274	1/4	7.394	1/4	698	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	21.009	1/2	14.130	1/2	7.251	1/2	608	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	20.866	3/4	13.987	3/4	7.108	3/4	519	3/4	4	4	4	4	4	4	4	4	4	4	4
10	20.723	10	13.844	10	6.964	10	429	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	20.579	1/4	13.700	1/4	6.821	1/4	386	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	20.436	1/2	13.557	1/2	6.678	1/2	300	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	20.293	3/4	13.414	3/4	6.534	3/4	214	3/4	1	1	1	1	1	1	1	1	1	1	1
11	20.150	11	13.270	11	6.391	11	111	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	20.006	1/4	13.127	1/4	6.248	1/4	111	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	19.863	1/2	12.984	1/2	6.104	1/2	111	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	19.720	3/4	12.840	3/4	5.961	3/4	111	3/4	1	1	1	1	1	1	1	1	1	1	1

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: 4/11/04 BY: DR-EC  
DATE COMPUTED: 4/18/04 BY: DR  
DATE ISSUED: 4/18/04

CERTIFIED TANK CALIBRATION, INC.

*Dick A. Brown*

**ULLAGE TABLE**

GAUGE HEIGHT: 15' 11 5/8"

2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	91.271	0	84.336	0	77.291	0	70.246	0	63.200	0	56.155	0	49.110	0	42.065	0	35.019		
1/4	91.157	1/4	84.189	1/4	77.144	1/4	70.099	1/4	63.054	1/4	56.008	1/4	48.963	1/4	41.918	1/4	34.873		
1/2	91.044	1/2	84.042	1/2	76.997	1/2	69.952	1/2	62.907	1/2	55.862	1/2	48.816	1/2	41.771	1/2	34.726		
3/4	90.907	3/4	83.896	3/4	76.850	3/4	69.805	3/4	62.760	3/4	55.715	3/4	48.670	3/4	41.624	3/4	34.579		
1	90.770	1	83.749	1	76.704	1	69.658	1	62.613	1	55.568	1	48.523	1	41.478	1	34.432		
1/4	90.634	1/4	83.602	1/4	76.557	1/4	69.512	1/4	62.466	1/4	55.421	1/4	48.376	1/4	41.331	1/4	34.286		
1/2	90.497	1/2	83.455	1/2	76.410	1/2	69.365	1/2	62.320	1/2	55.274	1/2	48.229	1/2	41.184	1/2	34.139		
3/4	90.351	3/4	83.309	3/4	76.263	3/4	69.218	3/4	62.173	3/4	55.128	3/4	48.082	3/4	41.037	3/4	33.992		
2	90.205	2	83.162	2	76.117	2	69.071	2	62.026	2	54.981	2	47.936	2	40.890	2	33.845		
1/4	90.059	1/4	83.015	1/4	75.970	1/4	68.925	1/4	61.879	1/4	54.834	1/4	47.789	1/4	40.744	1/4	33.698		
1/2	89.914	1/2	82.868	1/2	75.823	1/2	68.778	1/2	61.733	1/2	54.687	1/2	47.642	1/2	40.597	1/2	33.552		
3/4	89.767	3/4	82.722	3/4	75.676	3/4	68.631	3/4	61.586	3/4	54.541	3/4	47.495	3/4	40.450	3/4	33.405		
3	89.620	3	82.575	3	75.530	3	68.484	3	61.439	3	54.394	3	47.349	3	40.303	3	33.258		
1/4	89.473	1/4	82.428	1/4	75.383	1/4	68.338	1/4	61.292	1/4	54.247	1/4	47.202	1/4	40.157	1/4	33.111		
1/2	89.326	1/2	82.281	1/2	75.236	1/2	68.191	1/2	61.146	1/2	54.100	1/2	47.055	1/2	40.010	1/2	32.965		
3/4	89.180	3/4	82.134	3/4	75.089	3/4	68.044	3/4	60.999	3/4	53.954	3/4	46.908	3/4	39.863	3/4	32.818		
4	89.033	4	81.988	4	74.942	4	67.897	4	60.852	4	53.807	4	46.762	4	39.716	4	32.671		
1/4	88.886	1/4	81.841	1/4	74.796	1/4	67.750	1/4	60.705	1/4	53.660	1/4	46.615	1/4	39.570	1/4	32.524		
1/2	88.739	1/2	81.694	1/2	74.649	1/2	67.604	1/2	60.558	1/2	53.513	1/2	46.468	1/2	39.423	1/2	32.378		
3/4	88.593	3/4	81.547	3/4	74.502	3/4	67.457	3/4	60.412	3/4	53.366	3/4	46.321	3/4	39.276	3/4	32.231		
5	88.446	5	81.401	5	74.355	5	67.310	5	60.265	5	53.220	5	46.174	5	39.129	5	32.084		
1/4	88.299	1/4	81.254	1/4	74.209	1/4	67.163	1/4	60.118	1/4	53.073	1/4	46.028	1/4	38.982	1/4	31.937		
1/2	88.152	1/2	81.107	1/2	74.062	1/2	67.017	1/2	59.971	1/2	52.926	1/2	45.881	1/2	38.836	1/2	31.790		
3/4	88.005	3/4	80.960	3/4	73.915	3/4	66.870	3/4	59.825	3/4	52.779	3/4	45.734	3/4	38.689	3/4	31.644		
6	87.859	6	80.813	6	73.768	6	66.723	6	59.678	6	52.633	6	45.587	6	38.542	6	31.497		
1/4	87.712	1/4	80.667	1/4	73.621	1/4	66.576	1/4	59.531	1/4	52.486	1/4	45.441	1/4	38.395	1/4	31.350		
1/2	87.565	1/2	80.520	1/2	73.475	1/2	66.429	1/2	59.384	1/2	52.339	1/2	45.294	1/2	38.248	1/2	31.203		
3/4	87.418	3/4	80.373	3/4	73.328	3/4	66.283	3/4	59.237	3/4	52.192	3/4	45.147	3/4	38.102	3/4	31.057		
7	87.272	7	80.226	7	73.181	7	66.136	7	59.091	7	52.045	7	45.000	7	37.955	7	30.910		
1/4	87.125	1/4	80.080	1/4	73.034	1/4	65.989	1/4	58.944	1/4	51.899	1/4	44.853	1/4	37.808	1/4	30.763		
1/2	86.978	1/2	79.933	1/2	72.888	1/2	65.842	1/2	58.797	1/2	51.752	1/2	44.707	1/2	37.661	1/2	30.616		
3/4	86.831	3/4	79.786	3/4	72.741	3/4	65.696	3/4	58.650	3/4	51.605	3/4	44.560	3/4	37.515	3/4	30.469		
8	86.684	8	79.639	8	72.594	8	65.549	8	58.504	8	51.458	8	44.413	8	37.368	8	30.323		
1/4	86.538	1/4	79.492	1/4	72.447	1/4	65.402	1/4	58.357	1/4	51.312	1/4	44.266	1/4	37.221	1/4	30.176		
1/2	86.391	1/2	79.346	1/2	72.300	1/2	65.255	1/2	58.210	1/2	51.165	1/2	44.120	1/2	37.074	1/2	30.029		
3/4	86.244	3/4	79.199	3/4	72.154	3/4	65.108	3/4	58.063	3/4	51.018	3/4	43.973	3/4	36.928	3/4	29.882		
9	86.097	9	79.052	9	72.007	9	64.962	9	57.916	9	50.871	9	43.826	9	36.781	9	29.736		
1/4	85.951	1/4	78.905	1/4	71.860	1/4	64.815	1/4	57.770	1/4	50.724	1/4	43.679	1/4	36.634	1/4	29.589		
1/2	85.804	1/2	78.759	1/2	71.713	1/2	64.668	1/2	57.623	1/2	50.578	1/2	43.532	1/2	36.487	1/2	29.442		
3/4	85.657	3/4	78.612	3/4	71.567	3/4	64.521	3/4	57.476	3/4	50.431	3/4	43.386	3/4	36.340	3/4	29.295		
10	85.510	10	78.465	10	71.420	10	64.375	10	57.329	10	50.284	10	43.239	10	36.194	10	29.148		
1/4	85.363	1/4	78.318	1/4	71.273	1/4	64.228	1/4	57.183	1/4	50.137	1/4	43.092	1/4	36.047	1/4	29.002		
1/2	85.217	1/2	78.171	1/2	71.126	1/2	64.081	1/2	57.036	1/2	49.991	1/2	42.945	1/2	35.900	1/2	28.855		
3/4	85.070	3/4	78.025	3/4	70.979	3/4	63.934	3/4	56.889	3/4	49.844	3/4	42.799	3/4	35.753	3/4	28.708		
11	84.923	11	77.878	11	70.833	11	63.787	11	56.742	11	49.697	11	42.652	11	35.607	11	28.561		
1/4	84.776	1/4	77.731	1/4	70.686	1/4	63.641	1/4	56.595	1/4	49.550	1/4	42.505	1/4	35.460	1/4	28.414		
1/2	84.630	1/2	77.584	1/2	70.539	1/2	63.494	1/2	56.449	1/2	49.403	1/2	42.358	1/2	35.313	1/2	28.268		
3/4	84.483	3/4	77.438	3/4	70.392	3/4	63.347	3/4	56.302	3/4	49.257	3/4	42.211	3/4	35.166	3/4	28.121		

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: 4/11/04 BY: DR-EC  
DATE COMPUTED: 4/18/04 BY: DR  
DATE ISSUED: 4/18/04

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' 4" OFF CENTERLINE AND 21'-2" 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.

CERTIFIED TANK CALIBRATION, INC.

*Dale A. Poon*

CAPACITIES GIVEN IN WHOLE GALLONS

12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		20 FT.		21 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	27.974	0	20.929	0	13.884	0	6.839	0	0	0	0	0	0	0	0	0	0	0	0
1/4	27.827	1/4	20.782	1/4	13.737	1/4	6.692	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	27.681	1/2	20.635	1/2	13.590	1/2	6.545	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	27.534	3/4	20.489	3/4	13.443	3/4	6.398	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	27.387	1	20.342	1	13.297	1	6.251	1	1	1	1	1	1	1	1	1	1	1	1
1/4	27.240	1/4	20.195	1/4	13.150	1/4	6.105	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	27.094	1/2	20.048	1/2	13.003	1/2	5.958	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	26.947	3/4	19.902	3/4	12.856	3/4	5.811	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	26.800	2	19.755	2	12.710	2	5.664	2	2	2	2	2	2	2	2	2	2	2	2
1/4	26.653	1/4	19.608	1/4	12.563	1/4	5.518	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	26.506	1/2	19.461	1/2	12.416	1/2	5.371	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	26.359	3/4	19.314	3/4	12.269	3/4	5.224	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	26.213	3	19.168	3	12.122	3	5.077	3	3	3	3	3	3	3	3	3	3	3	3
1/4	26.066	1/4	19.021	1/4	11.976	1/4	4.930	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	25.919	1/2	18.874	1/2	11.829	1/2	4.784	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	25.773	3/4	18.727	3/4	11.682	3/4	4.637	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	25.626	4	18.581	4	11.535	4	4.490	4	4	4	4	4	4	4	4	4	4	4	4
1/4	25.479	1/4	18.434	1/4	11.389	1/4	4.343	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	25.332	1/2	18.287	1/2	11.242	1/2	4.197	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	25.186	3/4	18.140	3/4	11.095	3/4	4.050	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	25.039	5	17.994	5	10.948	5	3.903	5	5	5	5	5	5	5	5	5	5	5	5
1/4	24.892	1/4	17.847	1/4	10.802	1/4	3.756	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	24.745	1/2	17.700	1/2	10.655	1/2	3.610	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	24.598	3/4	17.553	3/4	10.508	3/4	3.463	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	24.452	6	17.406	6	10.361	6	3.316	6	6	6	6	6	6	6	6	6	6	6	6
1/4	24.305	1/4	17.260	1/4	10.214	1/4	3.169	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	24.158	1/2	17.113	1/2	10.068	1/2	3.022	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	24.011	3/4	16.966	3/4	9.921	3/4	2.876	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	23.865	7	16.819	7	9.774	7	2.729	7	7	7	7	7	7	7	7	7	7	7	7
1/4	23.718	1/4	16.673	1/4	9.627	1/4	2.582	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	23.571	1/2	16.526	1/2	9.481	1/2	2.435	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	23.424	3/4	16.379	3/4	9.334	3/4	2.289	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	23.277	8	16.232	8	9.187	8	2.142	8	8	8	8	8	8	8	8	8	8	8	8
1/4	23.131	1/4	16.085	1/4	9.040	1/4	1.995	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	22.984	1/2	15.939	1/2	8.893	1/2	1.848	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	22.837	3/4	15.792	3/4	8.747	3/4	1.708	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	22.690	9	15.645	9	8.600	9	1.568	9	9	9	9	9	9	9	9	9	9	9	9
1/4	22.544	1/4	15.498	1/4	8.453	1/4	1.427	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	22.397	1/2	15.352	1/2	8.306	1/2	1.287	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	22.250	3/4	15.205	3/4	8.160	3/4	1.167	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	22.103	10	15.058	10	8.013	10	1.046	10	10	10	10	10	10	10	10	10	10	10	10
1/4	21.956	1/4	14.911	1/4	7.866	1/4	926	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	21.810	1/2	14.764	1/2	7.719	1/2	806	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	21.663	3/4	14.618	3/4	7.572	3/4	714	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	21.516	11	14.471	11	7.426	11	623	11	11	11	11	11	11	11	11	11	11	11	11
1/4	21.369	1/4	14.324	1/4	7.279	1/4	531	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	21.223	1/2	14.177	1/2	7.132	1/2	439	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	21.076	3/4	14.031	3/4	6.985	3/4	395	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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

DATE STRAPPED: 4/1/84 BY: DR-EC  
DATE COMPUTED: 4/19/84 BY: DR  
DATE ISSUED: 4/19/84

CERTIFIED TANK CALIBRATION, INC.

*Dick A. Poon*

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 15'-10"

2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	89,001	0	81,145	0	74,289	0	60,577	0	67,433	0	60,577	0	53,720	0	46,864	0	40,008	0	33,152
1/4	87,859	1/4	81,002	1/4	74,146	1/4	60,434	1/4	67,290	1/4	60,434	1/4	53,578	1/4	46,721	1/4	39,865	1/4	33,009
1/2	87,716	1/2	80,860	1/2	74,003	1/2	60,291	1/2	67,147	1/2	60,291	1/2	53,435	1/2	46,579	1/2	39,722	1/2	32,866
3/4	87,573	3/4	80,717	3/4	73,861	3/4	60,148	3/4	67,004	3/4	60,148	3/4	53,292	3/4	46,436	3/4	39,580	3/4	32,723
1	87,430	1	80,574	1	73,718	1	60,005	1	66,862	1	60,005	1	53,149	1	46,293	1	39,437	1	32,580
1/4	87,287	1/4	80,431	1/4	73,575	1/4	59,862	1/4	66,719	1/4	59,862	1/4	53,006	1/4	46,150	1/4	39,294	1/4	32,438
1/2	87,144	1/2	80,288	1/2	73,432	1/2	59,720	1/2	66,576	1/2	59,720	1/2	52,863	1/2	46,007	1/2	39,151	1/2	32,295
3/4	87,002	3/4	80,145	3/4	73,289	3/4	59,577	3/4	66,433	3/4	59,577	3/4	52,721	3/4	45,864	3/4	39,008	3/4	32,152
2	86,859	2	80,003	2	73,146	2	59,434	2	66,290	2	59,434	2	52,578	2	45,722	2	38,865	2	32,009
1/4	86,716	1/4	79,860	1/4	73,004	1/4	59,291	1/4	66,147	1/4	59,291	1/4	52,435	1/4	45,579	1/4	38,723	1/4	31,866
1/2	86,573	1/2	79,717	1/2	72,861	1/2	59,148	1/2	66,004	1/2	59,148	1/2	52,292	1/2	45,436	1/2	38,580	1/2	31,723
3/4	86,430	3/4	79,574	3/4	72,718	3/4	59,005	3/4	65,862	3/4	59,005	3/4	52,149	3/4	45,293	3/4	38,437	3/4	31,581
3	86,287	3	79,431	3	72,575	3	58,863	3	65,719	3	58,863	3	52,006	3	45,150	3	38,294	3	31,438
1/4	86,145	1/4	79,288	1/4	72,432	1/4	58,720	1/4	65,576	1/4	58,720	1/4	51,864	1/4	45,007	1/4	38,151	1/4	31,295
1/2	86,002	1/2	79,146	1/2	72,289	1/2	58,577	1/2	65,433	1/2	58,577	1/2	51,721	1/2	44,865	1/2	38,008	1/2	31,152
3/4	85,859	3/4	79,003	3/4	72,147	3/4	58,434	3/4	65,290	3/4	58,434	3/4	51,578	3/4	44,722	3/4	37,865	3/4	31,009
4	85,716	4	78,860	4	72,004	4	58,291	4	65,147	4	58,291	4	51,435	4	44,579	4	37,723	4	30,866
1/4	85,573	1/4	78,717	1/4	71,861	1/4	58,148	1/4	65,005	1/4	58,148	1/4	51,292	1/4	44,436	1/4	37,580	1/4	30,724
1/2	85,430	1/2	78,574	1/2	71,718	1/2	58,006	1/2	64,862	1/2	58,006	1/2	51,149	1/2	44,293	1/2	37,437	1/2	30,581
3/4	85,288	3/4	78,431	3/4	71,575	3/4	57,863	3/4	64,719	3/4	57,863	3/4	51,007	3/4	44,150	3/4	37,294	3/4	30,438
5	85,145	5	78,289	5	71,432	5	57,720	5	64,576	5	57,720	5	50,864	5	44,007	5	37,151	5	30,295
1/4	85,002	1/4	78,146	1/4	71,289	1/4	57,577	1/4	64,433	1/4	57,577	1/4	50,721	1/4	43,865	1/4	37,008	1/4	30,152
1/2	84,859	1/2	78,003	1/2	71,147	1/2	57,434	1/2	64,290	1/2	57,434	1/2	50,578	1/2	43,722	1/2	36,866	1/2	30,009
3/4	84,716	3/4	77,860	3/4	71,004	3/4	57,291	3/4	64,148	3/4	57,291	3/4	50,435	3/4	43,579	3/4	36,723	3/4	29,867
6	84,573	6	77,717	6	70,861	6	57,149	6	64,005	6	57,149	6	50,292	6	43,436	6	36,580	6	29,724
1/4	84,431	1/4	77,574	1/4	70,718	1/4	57,006	1/4	63,862	1/4	57,006	1/4	50,150	1/4	43,293	1/4	36,437	1/4	29,581
1/2	84,288	1/2	77,431	1/2	70,575	1/2	56,863	1/2	63,719	1/2	56,863	1/2	50,007	1/2	43,152	1/2	36,294	1/2	29,438
3/4	84,145	3/4	77,289	3/4	70,432	3/4	56,720	3/4	63,576	3/4	56,720	3/4	49,864	3/4	43,008	3/4	36,151	3/4	29,295
7	84,002	7	77,146	7	70,290	7	56,577	7	63,433	7	56,577	7	49,721	7	42,865	7	36,009	7	29,152
1/4	83,859	1/4	77,003	1/4	70,147	1/4	56,434	1/4	63,291	1/4	56,434	1/4	49,578	1/4	42,722	1/4	35,866	1/4	29,010
1/2	83,716	1/2	76,860	1/2	70,004	1/2	56,292	1/2	63,148	1/2	56,292	1/2	49,435	1/2	42,579	1/2	35,723	1/2	28,867
3/4	83,574	3/4	76,717	3/4	69,861	3/4	56,149	3/4	63,005	3/4	56,149	3/4	49,292	3/4	42,436	3/4	35,580	3/4	28,724
8	83,431	8	76,574	8	69,718	8	56,006	8	62,862	8	56,006	8	49,150	8	42,293	8	35,437	8	28,581
1/4	83,288	1/4	76,432	1/4	69,575	1/4	55,863	1/4	62,719	1/4	55,863	1/4	49,007	1/4	42,151	1/4	35,294	1/4	28,438
1/2	83,145	1/2	76,289	1/2	69,433	1/2	55,720	1/2	62,576	1/2	55,720	1/2	48,864	1/2	42,008	1/2	35,152	1/2	28,295
3/4	83,002	3/4	76,146	3/4	69,290	3/4	55,577	3/4	62,434	3/4	55,577	3/4	48,721	3/4	41,865	3/4	35,009	3/4	28,153
9	82,859	9	76,003	9	69,147	9	55,435	9	62,291	9	55,435	9	48,578	9	41,722	9	34,866	9	28,010
1/4	82,716	1/4	75,860	1/4	69,004	1/4	55,292	1/4	62,148	1/4	55,292	1/4	48,435	1/4	41,579	1/4	34,723	1/4	27,867
1/2	82,574	1/2	75,717	1/2	68,861	1/2	55,149	1/2	62,005	1/2	55,149	1/2	48,293	1/2	41,436	1/2	34,580	1/2	27,724
3/4	82,431	3/4	75,575	3/4	68,718	3/4	55,006	3/4	61,862	3/4	55,006	3/4	48,150	3/4	41,294	3/4	34,437	3/4	27,581
10	82,288	10	75,432	10	68,576	10	54,863	10	61,719	10	54,863	10	48,007	10	41,151	10	34,295	10	27,438
1/4	82,145	1/4	75,289	1/4	68,433	1/4	54,720	1/4	61,577	1/4	54,720	1/4	47,864	1/4	41,008	1/4	34,152	1/4	27,295
1/2	82,002	1/2	75,146	1/2	68,290	1/2	54,577	1/2	61,434	1/2	54,577	1/2	47,721	1/2	40,865	1/2	34,009	1/2	27,153
3/4	81,859	3/4	75,003	3/4	68,147	3/4	54,435	3/4	61,291	3/4	54,435	3/4	47,578	3/4	40,722	3/4	33,866	3/4	27,010
11	81,717	11	74,860	11	68,004	11	54,292	11	61,148	11	54,292	11	47,436	11	40,579	11	33,723	11	26,867
1/4	81,574	1/4	74,718	1/4	67,861	1/4	54,149	1/4	61,005	1/4	54,149	1/4	47,293	1/4	40,437	1/4	33,580	1/4	26,724
1/2	81,431	1/2	74,575	1/2	67,719	1/2	54,006	1/2	60,862	1/2	54,006	1/2	47,150	1/2	40,294	1/2	33,438	1/2	26,581
3/4	81,288	3/4	74,432	3/4	67,576	3/4	53,863	3/4	60,719	3/4	53,863	3/4	47,007	3/4	40,151	3/4	33,295	3/4	26,438

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 13'-6" OFF CENTERLINE AND 21'-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: 4/11/84 BY: DREC  
DATE COMPUTED: 4/18/84 BY: DR  
DATE ISSUED: 4/18/84

CERTIFIED TANK CALIBRATION, INC.

*Dick A. Row*

**3 PORT  
ULLAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 15'-10"

12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		20 FT.		21 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	26,296	0	19,439	0	12,583	0	5,727	0	0	0	0	0	0	0	0	0	0	0	0
1/4	26,153	1/4	19,297	1/4	12,440	1/4	5,584	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	26,010	1/2	19,154	1/2	12,298	1/2	5,441	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	25,867	3/4	19,011	3/4	12,155	3/4	5,299	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	25,724	1	18,868	1	12,012	1	5,156	1	1	1	1	1	1	1	1	1	1	1	1
1/4	25,581	1/4	18,725	1/4	11,869	1/4	5,013	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	25,439	1/2	18,582	1/2	11,726	1/2	4,870	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	25,296	3/4	18,440	3/4	11,583	3/4	4,727	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	25,153	2	18,297	2	11,441	2	4,584	2	2	2	2	2	2	2	2	2	2	2	2
1/4	25,010	1/4	18,154	1/4	11,298	1/4	4,441	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	24,867	1/2	18,011	1/2	11,155	1/2	4,299	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	24,724	3/4	17,868	3/4	11,012	3/4	4,156	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	24,582	3	17,725	3	10,869	3	4,013	3	3	3	3	3	3	3	3	3	3	3	3
1/4	24,439	1/4	17,583	1/4	10,726	1/4	3,870	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	24,296	1/2	17,440	1/2	10,583	1/2	3,727	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	24,153	3/4	17,297	3/4	10,441	3/4	3,584	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	24,010	4	17,154	4	10,298	4	3,442	4	4	4	4	4	4	4	4	4	4	4	4
1/4	23,867	1/4	17,011	1/4	10,155	1/4	3,299	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	23,725	1/2	16,868	1/2	10,012	1/2	3,156	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	23,582	3/4	16,726	3/4	9,869	3/4	3,013	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	23,439	5	16,583	5	9,726	5	2,870	5	5	5	5	5	5	5	5	5	5	5	5
1/4	23,296	1/4	16,440	1/4	9,584	1/4	2,727	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	23,153	1/2	16,297	1/2	9,441	1/2	2,585	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	23,010	3/4	16,154	3/4	9,298	3/4	2,442	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	22,868	6	16,011	6	9,155	6	2,299	6	6	6	6	6	6	6	6	6	6	6	6
1/4	22,725	1/4	15,868	1/4	9,012	1/4	2,156	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	22,582	1/2	15,726	1/2	8,869	1/2	2,013	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	22,439	3/4	15,583	3/4	8,727	3/4	1,870	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	22,296	7	15,440	7	8,584	7	1,728	7	7	7	7	7	7	7	7	7	7	7	7
1/4	22,153	1/4	15,297	1/4	8,441	1/4	1,592	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	22,011	1/2	15,154	1/2	8,298	1/2	1,456	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	21,868	3/4	15,011	3/4	8,155	3/4	1,320	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	21,725	8	14,869	8	8,012	8	1,185	8	8	8	8	8	8	8	8	8	8	8	8
1/4	21,582	1/4	14,726	1/4	7,870	1/4	1,071	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	21,439	1/2	14,583	1/2	7,727	1/2	956	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	21,296	3/4	14,440	3/4	7,584	3/4	842	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	21,153	9	14,297	9	7,441	9	728	9	9	9	9	9	9	9	9	9	9	9	9
1/4	21,011	1/4	14,154	1/4	7,298	1/4	642	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	20,868	1/2	14,012	1/2	7,155	1/2	556	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	20,725	3/4	13,869	3/4	7,013	3/4	471	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	20,582	10	13,726	10	6,870	10	385	10	10	10	10	10	10	10	10	10	10	10	10
1/4	20,439	1/4	13,583	1/4	6,727	1/4	300	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	20,296	1/2	13,440	1/2	6,584	1/2	214	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	20,154	3/4	13,297	3/4	6,441	3/4	128	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	20,011	11	13,155	11	6,298	11	44	11	11	11	11	11	11	11	11	11	11	11	11
1/4	19,868	1/4	13,012	1/4	6,156	1/4	36	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	19,725	1/2	12,869	1/2	6,013	1/2	28	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	19,582	3/4	12,726	3/4	5,870	3/4	20	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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

DATE STRAPPED: 4/1/84 BY: DR-EC  
DATE COMPUTED: 4/18/84 BY: DR  
DATE ISSUED: 4/19/84

CERTIFIED TANK CALIBRATION, INC.

*Dick A. Row*

CAPACITIES GIVEN IN WHOLE GALLONS		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0	90,826	0	76,884	0	62,854	0	55,840	0	48,825	0	41,810	0	34,795	0	27,780	0	20,765	0	13,750
1/4		1/4	90,709	1/4	76,738	1/4	62,708	1/4	55,693	1/4	48,679	1/4	41,664	1/4	34,649	1/4	27,634	1/4	20,619	1/4	13,604
1/2		1/2	90,592	1/2	76,592	1/2	62,562	1/2	55,547	1/2	48,532	1/2	41,518	1/2	34,503	1/2	27,488	1/2	20,473	1/2	13,479
3/4		3/4	90,453	3/4	76,446	3/4	62,416	3/4	55,401	3/4	48,386	3/4	41,372	3/4	34,357	3/4	27,342	3/4	20,327	3/4	13,344
1		1	90,314	1	76,299	1	62,270	1	55,255	1	48,241	1	41,225	1	34,211	1	27,196	1	20,192	1	13,229
1/4		1/4	90,176	1/4	76,153	1/4	62,124	1/4	55,109	1/4	48,094	1/4	41,079	1/4	34,064	1/4	27,049	1/4	20,034	1/4	13,104
1/2		1/2	90,037	1/2	76,007	1/2	61,978	1/2	54,963	1/2	47,948	1/2	40,933	1/2	33,918	1/2	26,889	1/2	19,864	1/2	12,979
3/4		3/4	89,891	3/4	75,846	3/4	61,831	3/4	54,817	3/4	47,802	3/4	40,787	3/4	33,772	3/4	26,844	3/4	19,819	3/4	12,934
2		2	89,744	2	75,715	2	61,685	2	54,670	2	47,656	2	40,641	2	33,626	2	26,700	2	19,675	2	12,789
1/4		1/4	89,598	1/4	75,569	1/4	61,539	1/4	54,524	1/4	47,510	1/4	40,495	1/4	33,480	1/4	26,556	1/4	19,530	1/4	12,644
1/2		1/2	89,452	1/2	75,423	1/2	61,393	1/2	54,378	1/2	47,363	1/2	40,349	1/2	33,334	1/2	26,411	1/2	19,385	1/2	12,499
3/4		3/4	89,306	3/4	75,276	3/4	61,247	3/4	54,232	3/4	47,217	3/4	40,202	3/4	33,188	3/4	26,266	3/4	19,240	3/4	12,354
3		3	89,160	3	75,130	3	61,101	3	54,086	3	47,071	3	40,056	3	33,041	3	26,121	3	19,095	3	12,209
1/4		1/4	89,014	1/4	74,984	1/4	60,955	1/4	53,940	1/4	46,925	1/4	39,910	1/4	32,895	1/4	25,976	1/4	18,950	1/4	12,064
1/2		1/2	88,868	1/2	74,838	1/2	60,808	1/2	53,794	1/2	46,779	1/2	39,764	1/2	32,749	1/2	25,831	1/2	18,805	1/2	11,919
3/4		3/4	88,721	3/4	74,692	3/4	60,662	3/4	53,647	3/4	46,633	3/4	39,618	3/4	32,603	3/4	25,686	3/4	18,660	3/4	11,774
4		4	88,575	4	74,546	4	60,516	4	53,501	4	46,487	4	39,472	4	32,457	4	25,541	4	18,515	4	11,629
1/4		1/4	88,429	1/4	74,400	1/4	60,370	1/4	53,355	1/4	46,340	1/4	39,326	1/4	32,311	1/4	25,396	1/4	18,370	1/4	11,484
1/2		1/2	88,283	1/2	74,253	1/2	60,224	1/2	53,209	1/2	46,194	1/2	39,179	1/2	32,165	1/2	25,251	1/2	18,225	1/2	11,339
3/4		3/4	88,137	3/4	74,107	3/4	60,078	3/4	53,063	3/4	46,048	3/4	39,033	3/4	32,019	3/4	25,106	3/4	18,080	3/4	11,194
5		5	87,991	5	73,961	5	59,932	5	52,917	5	45,902	5	38,887	5	31,872	5	24,857	5	17,862	5	11,049
1/4		1/4	87,845	1/4	73,815	1/4	59,785	1/4	52,771	1/4	45,756	1/4	38,741	1/4	31,726	1/4	24,712	1/4	17,717	1/4	10,904
1/2		1/2	87,698	1/2	73,669	1/2	59,639	1/2	52,624	1/2	45,610	1/2	38,595	1/2	31,580	1/2	24,567	1/2	17,572	1/2	10,759
3/4		3/4	87,552	3/4	73,523	3/4	59,493	3/4	52,478	3/4	45,464	3/4	38,449	3/4	31,434	3/4	24,422	3/4	17,427	3/4	10,614
6		6	87,406	6	73,377	6	59,347	6	52,332	6	45,317	6	38,303	6	31,288	6	24,277	6	17,282	6	10,469
1/4		1/4	87,260	1/4	73,230	1/4	59,201	1/4	52,186	1/4	45,171	1/4	38,156	1/4	31,142	1/4	24,132	1/4	17,137	1/4	10,324
1/2		1/2	87,114	1/2	73,084	1/2	59,055	1/2	52,040	1/2	45,025	1/2	38,010	1/2	30,996	1/2	23,987	1/2	17,092	1/2	10,179
3/4		3/4	86,968	3/4	72,938	3/4	58,909	3/4	51,894	3/4	44,879	3/4	37,864	3/4	30,849	3/4	23,842	3/4	16,947	3/4	10,034
7		7	86,822	7	72,792	7	58,762	7	51,748	7	44,733	7	37,718	7	30,703	7	23,697	7	16,802	7	9,889
1/4		1/4	86,675	1/4	72,646	1/4	58,616	1/4	51,601	1/4	44,587	1/4	37,572	1/4	30,557	1/4	23,552	1/4	16,657	1/4	9,744
1/2		1/2	86,529	1/2	72,500	1/2	58,470	1/2	51,455	1/2	44,441	1/2	37,426	1/2	30,411	1/2	23,406	1/2	16,512	1/2	9,599
3/4		3/4	86,383	3/4	72,354	3/4	58,324	3/4	51,309	3/4	44,294	3/4	37,280	3/4	30,265	3/4	23,261	3/4	16,367	3/4	9,454
8		8	86,237	8	72,207	8	58,178	8	51,163	8	44,148	8	37,133	8	30,119	8	23,116	8	16,222	8	9,309
1/4		1/4	86,091	1/4	72,061	1/4	58,032	1/4	51,017	1/4	44,002	1/4	36,987	1/4	29,973	1/4	22,971	1/4	16,077	1/4	9,164
1/2		1/2	85,945	1/2	71,915	1/2	57,886	1/2	50,871	1/2	43,856	1/2	36,841	1/2	29,826	1/2	22,826	1/2	15,932	1/2	9,019
3/4		3/4	85,799	3/4	71,769	3/4	57,739	3/4	50,725	3/4	43,710	3/4	36,695	3/4	29,680	3/4	22,681	3/4	15,787	3/4	8,874
9		9	85,652	9	71,623	9	57,593	9	50,578	9	43,564	9	36,549	9	29,534	9	22,531	9	15,642	9	8,729
1/4		1/4	85,506	1/4	71,477	1/4	57,447	1/4	50,432	1/4	43,418	1/4	36,403	1/4	29,388	1/4	22,386	1/4	15,497	1/4	8,584
1/2		1/2	85,360	1/2	71,331	1/2	57,301	1/2	50,286	1/2	43,271	1/2	36,257	1/2	29,242	1/2	22,241	1/2	15,352	1/2	8,439
3/4		3/4	85,214	3/4	71,184	3/4	57,155	3/4	50,140	3/4	43,125	3/4	36,110	3/4	29,096	3/4	22,096	3/4	15,207	3/4	8,294
10		10	85,068	10	71,038	10	57,009	10	49,994	10	42,979	10	35,964	10	28,950	10	21,935	10	14,992	10	8,149
1/4		1/4	84,922	1/4	70,892	1/4	56,863	1/4	49,848	1/4	42,833	1/4	35,818	1/4	28,803	1/4	21,791	1/4	14,847	1/4	8,004
1/2		1/2	84,776	1/2	70,746	1/2	56,716	1/2	49,702	1/2	42,687	1/2	35,672	1/2	28,657	1/2	21,646	1/2	14,702	1/2	7,859
3/4		3/4	84,629	3/4	70,600	3/4	56,570	3/4	49,555	3/4	42,541	3/4	35,526	3/4	28,511	3/4	21,501	3/4	14,557	3/4	7,714
11		11	84,483	11	70,454	11	56,424	11	49,409	11	42,395	11	35,380	11	28,365	11	21,356	11	14,412	11	7,569
1/4		1/4	84,337	1/4	70,308	1/4	56,278	1/4	49,263	1/4	42,249	1/4	35,234	1/4	28,219	1/4	21,211	1/4	14,267	1/4	7,424
1/2		1/2	84,191	1/2	70,161	1/2	56,132	1/2	49,117	1/2	42,102	1/2	35,087	1/2	28,073	1/2	21,066	1/2	14,122	1/2	7,279
3/4		3/4	84,045	3/4	70,015	3/4	55,986	3/4	48,971	3/4	41,956	3/4	34,941	3/4	27,927	3/4	20,921	3/4	13,977	3/4	7,134

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

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 NOTE: CAPACITY TABLE APPLIES ONLY TO ULLAGE GAUGES OBTAINED WITH "MMC" GAUGING DEVICE.  
 NOTE: LOCATED 10'-4" OFF CENTERLINE AND 21'-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: 4/1/84 BY: DR-EC  
 DATE COMPUTED: 4/18/84 BY: DR  
 DATE ISSUED: 4/18/84

CERTIFIED TANK CALIBRATION, INC.

*Dick A. Row*

ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		20 FT.		21 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	27,780	0	20,766	0	13,751	0	6,736	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	27,634	1/4	20,619	1/4	13,605	1/4	6,590	1/4	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	27,488	1/2	20,473	1/2	13,459	1/2	6,444	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	27,342	3/4	20,327	3/4	13,312	3/4	6,298	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	27,196	1	20,181	1	13,166	1	6,151	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	27,050	1/4	20,035	1/4	13,020	1/4	6,005	1/4	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	26,904	1/2	19,889	1/2	12,874	1/2	5,859	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	26,757	3/4	19,743	3/4	12,728	3/4	5,713	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	26,611	2	19,596	2	12,582	2	5,567	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	26,465	1/4	19,450	1/4	12,436	1/4	5,421	1/4	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	26,319	1/2	19,304	1/2	12,290	1/2	5,275	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	26,173	3/4	19,158	3/4	12,143	3/4	5,128	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	26,027	3	19,012	3	11,997	3	4,982	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	25,881	1/4	18,866	1/4	11,851	1/4	4,836	1/4	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	25,734	1/2	18,720	1/2	11,705	1/2	4,690	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	25,588	3/4	18,573	3/4	11,559	3/4	4,544	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	25,442	4	18,427	4	11,413	4	4,398	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	25,296	1/4	18,281	1/4	11,266	1/4	4,252	1/4	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	25,150	1/2	18,135	1/2	11,120	1/2	4,105	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	25,004	3/4	17,989	3/4	10,974	3/4	3,959	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	24,858	5	17,843	5	10,828	5	3,813	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	24,711	1/4	17,697	1/4	10,682	1/4	3,667	1/4	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	24,565	1/2	17,550	1/2	10,536	1/2	3,521	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	24,419	3/4	17,404	3/4	10,390	3/4	3,375	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	24,273	6	17,258	6	10,243	6	3,229	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	24,127	1/4	17,112	1/4	10,097	1/4	3,082	1/4	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	23,981	1/2	16,966	1/2	9,951	1/2	2,936	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	23,835	3/4	16,820	3/4	9,805	3/4	2,790	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	23,688	7	16,674	7	9,659	7	2,644	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	23,542	1/4	16,528	1/4	9,513	1/4	2,498	1/4	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	23,396	1/2	16,381	1/2	9,367	1/2	2,352	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	23,250	3/4	16,235	3/4	9,220	3/4	2,206	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	23,104	8	16,089	8	9,074	8	2,059	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	22,958	1/4	15,943	1/4	8,928	1/4	1,913	1/4	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	22,812	1/2	15,797	1/2	8,782	1/2	1,767	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	22,665	3/4	15,651	3/4	8,636	3/4	1,628	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	22,519	9	15,505	9	8,490	9	1,490	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	22,373	1/4	15,358	1/4	8,344	1/4	1,351	1/4	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	22,227	1/2	15,212	1/2	8,197	1/2	1,212	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	22,081	3/4	15,066	3/4	8,051	3/4	1,095	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	21,935	10	14,920	10	7,905	10	978	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	21,789	1/4	14,774	1/4	7,759	1/4	861	1/4	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	21,642	1/2	14,628	1/2	7,613	1/2	744	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	21,496	3/4	14,482	3/4	7,467	3/4	657	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	21,350	11	14,335	11	7,321	11	569	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	21,204	1/4	14,189	1/4	7,174	1/4	481	1/4	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	21,058	1/2	14,043	1/2	7,028	1/2	394	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	20,912	3/4	13,897	3/4	6,882	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	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: 4/11/04 BY: DR-EC  
DATE COMPUTED: 4/18/04 BY: DR  
DATE ISSUED: 4/19/04

CERTIFIED TANK CALIBRATION, INC.

*Dale A. Poon*

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-4 3/8"

2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	0	173,222	0	161,467	0	148,208	0	134,949	0	121,690	0	108,432	0	95,173	0	81,914	0	68,655	0
1/4	1/4	173,158	1/4	161,190	1/4	147,932	1/4	134,673	1/4	121,414	1/4	108,155	1/4	94,897	1/4	81,638	1/4	68,379	1/4
1/2	1/2	173,040	1/2	160,914	1/2	147,655	1/2	134,397	1/2	121,138	1/2	107,879	1/2	94,620	1/2	81,362	1/2	68,103	1/2
3/4	3/4	172,923	3/4	160,638	3/4	147,379	3/4	134,120	3/4	120,862	3/4	107,603	3/4	94,344	3/4	81,085	3/4	67,827	3/4
1	1	172,806	1	160,362	1	147,103	1	133,844	1	120,585	1	107,327	1	94,068	1	80,809	1	67,550	1
1/4	1/4	172,688	1/4	160,085	1/4	146,827	1/4	133,568	1/4	120,309	1/4	107,050	1/4	93,792	1/4	80,533	1/4	67,274	1/4
1/2	1/2	172,515	1/2	159,809	1/2	146,550	1/2	133,292	1/2	120,033	1/2	106,774	1/2	93,515	1/2	80,257	1/2	66,998	1/2
3/4	3/4	172,343	3/4	159,533	3/4	146,274	3/4	133,015	3/4	119,757	3/4	106,498	3/4	93,239	3/4	79,980	3/4	66,722	3/4
2	2	172,170	2	159,257	2	145,998	2	132,739	2	119,480	2	106,222	2	92,963	2	79,704	2	66,445	2
1/4	1/4	172,052	1/4	158,981	1/4	145,722	1/4	132,463	1/4	119,204	1/4	105,945	1/4	92,687	1/4	79,428	1/4	66,169	1/4
1/2	1/2	171,770	1/2	158,704	1/2	145,446	1/2	132,187	1/2	118,928	1/2	105,669	1/2	92,411	1/2	79,152	1/2	65,893	1/2
3/4	3/4	171,542	3/4	158,428	3/4	145,169	3/4	131,911	3/4	118,652	3/4	105,393	3/4	92,134	3/4	78,876	3/4	65,617	3/4
3	3	171,314	3	158,152	3	144,893	3	131,634	3	118,376	3	105,117	3	91,858	3	78,599	3	65,341	3
1/4	1/4	171,086	1/4	157,876	1/4	144,617	1/4	131,358	1/4	118,099	1/4	104,841	1/4	91,582	1/4	78,323	1/4	65,064	1/4
1/2	1/2	170,821	1/2	157,599	1/2	144,341	1/2	131,082	1/2	117,823	1/2	104,564	1/2	91,306	1/2	78,047	1/2	64,788	1/2
3/4	3/4	170,556	3/4	157,323	3/4	144,064	3/4	130,806	3/4	117,547	3/4	104,288	3/4	91,029	3/4	77,771	3/4	64,512	3/4
4	4	170,291	4	157,047	4	143,788	4	130,529	4	117,271	4	104,012	4	90,753	4	77,494	4	64,236	4
1/4	1/4	170,026	1/4	156,771	1/4	143,512	1/4	130,253	1/4	116,994	1/4	103,736	1/4	90,477	1/4	77,218	1/4	63,959	1/4
1/2	1/2	169,751	1/2	156,495	1/2	143,236	1/2	129,977	1/2	116,718	1/2	103,459	1/2	90,201	1/2	76,942	1/2	63,683	1/2
3/4	3/4	169,475	3/4	156,218	3/4	142,960	3/4	129,701	3/4	116,442	3/4	103,183	3/4	89,924	3/4	76,666	3/4	63,407	3/4
5	5	169,200	5	155,942	5	142,683	5	129,425	5	116,166	5	102,907	5	89,648	5	76,390	5	63,131	5
1/4	1/4	168,925	1/4	155,666	1/4	142,407	1/4	129,148	1/4	115,890	1/4	102,631	1/4	89,372	1/4	76,113	1/4	62,855	1/4
1/2	1/2	168,648	1/2	155,390	1/2	142,131	1/2	128,872	1/2	115,613	1/2	102,355	1/2	89,096	1/2	75,837	1/2	62,578	1/2
3/4	3/4	168,372	3/4	155,113	3/4	141,855	3/4	128,596	3/4	115,337	3/4	102,078	3/4	88,820	3/4	75,561	3/4	62,302	3/4
6	6	168,096	6	154,837	6	141,578	6	128,320	6	115,061	6	101,802	6	88,543	6	75,285	6	62,026	6
1/4	1/4	167,820	1/4	154,561	1/4	141,302	1/4	128,043	1/4	114,785	1/4	101,526	1/4	88,267	1/4	75,008	1/4	61,750	1/4
1/2	1/2	167,543	1/2	154,285	1/2	141,026	1/2	127,767	1/2	114,508	1/2	101,250	1/2	87,991	1/2	74,732	1/2	61,473	1/2
3/4	3/4	167,267	3/4	154,009	3/4	140,750	3/4	127,491	3/4	114,232	3/4	100,973	3/4	87,715	3/4	74,456	3/4	61,197	3/4
7	7	166,991	7	153,732	7	140,474	7	127,215	7	113,956	7	100,697	7	87,438	7	74,180	7	60,921	7
1/4	1/4	166,715	1/4	153,456	1/4	140,197	1/4	126,939	1/4	113,680	1/4	100,421	1/4	87,162	1/4	73,903	1/4	60,645	1/4
1/2	1/2	166,439	1/2	153,180	1/2	139,921	1/2	126,662	1/2	113,404	1/2	100,145	1/2	86,886	1/2	73,627	1/2	60,369	1/2
3/4	3/4	166,162	3/4	152,904	3/4	139,645	3/4	126,386	3/4	113,127	3/4	99,869	3/4	86,610	3/4	73,351	3/4	60,092	3/4
8	8	165,886	8	152,627	8	139,369	8	126,110	8	112,851	8	99,592	8	86,334	8	73,075	8	59,816	8
1/4	1/4	165,610	1/4	152,351	1/4	139,092	1/4	125,834	1/4	112,575	1/4	99,316	1/4	86,057	1/4	72,799	1/4	59,540	1/4
1/2	1/2	165,334	1/2	152,075	1/2	138,816	1/2	125,557	1/2	112,299	1/2	99,040	1/2	85,781	1/2	72,522	1/2	59,264	1/2
3/4	3/4	165,057	3/4	151,799	3/4	138,540	3/4	125,281	3/4	112,022	3/4	98,764	3/4	85,505	3/4	72,246	3/4	58,987	3/4
9	9	164,781	9	151,522	9	138,264	9	125,005	9	111,746	9	98,487	9	85,229	9	71,970	9	58,711	9
1/4	1/4	164,505	1/4	151,246	1/4	137,988	1/4	124,729	1/4	111,470	1/4	98,211	1/4	84,952	1/4	71,694	1/4	58,435	1/4
1/2	1/2	164,229	1/2	150,970	1/2	137,711	1/2	124,453	1/2	111,194	1/2	97,935	1/2	84,676	1/2	71,417	1/2	58,159	1/2
3/4	3/4	163,953	3/4	150,694	3/4	137,435	3/4	124,176	3/4	110,918	3/4	97,659	3/4	84,400	3/4	71,141	3/4	57,882	3/4
10	10	163,676	10	150,418	10	137,159	10	123,900	10	110,641	10	97,383	10	84,124	10	70,865	10	57,606	10
1/4	1/4	163,400	1/4	150,141	1/4	136,883	1/4	123,624	1/4	110,365	1/4	97,106	1/4	83,848	1/4	70,589	1/4	57,330	1/4
1/2	1/2	163,124	1/2	149,865	1/2	136,606	1/2	123,348	1/2	110,089	1/2	96,830	1/2	83,571	1/2	70,313	1/2	57,054	1/2
3/4	3/4	162,848	3/4	149,589	3/4	136,330	3/4	123,071	3/4	109,813	3/4	96,554	3/4	83,295	3/4	70,036	3/4	56,778	3/4
11	11	162,571	11	149,313	11	136,054	11	122,795	11	109,536	11	96,278	11	83,019	11	69,760	11	56,501	11
1/4	1/4	162,295	1/4	149,036	1/4	135,778	1/4	122,519	1/4	109,260	1/4	96,001	1/4	82,743	1/4	69,484	1/4	56,225	1/4
5/8	5/8	173,317	1/2	162,019	1/2	148,760	1/2	135,501	1/2	108,984	1/2	95,725	1/2	82,466	1/2	69,208	1/2	55,949	1/2
3/4	3/4	173,285	3/4	161,743	3/4	148,484	3/4	135,225	3/4	108,708	3/4	95,449	3/4	82,190	3/4	68,931	3/4	55,673	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'-6" OFF CENTERLINE AND 24'-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: 4/1/84 BY: DR-EC  
 DATE COMPUTED: 4/1/84 BY: DR  
 DATE ISSUED: 4/1/84

**CERTIFIED TANK CALIBRATION, INC.**

*Duke A. Poon*

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 16'-4 3/8"

	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.	20 FT.	21 FT.
0	0	0	0	0	0	0	0	0	0	0
1/4	55,396	42,138	28,879	15,620	2,416	0	0	0	0	0
1/2	55,120	41,961	28,603	15,344	2,158	1/4	1/4	1/4	1/4	1/4
3/4	54,844	41,585	28,326	15,068	1,945	1/2	1/2	1/2	1/2	1/2
1	54,568	41,309	28,050	14,792	1,731	3/4	3/4	3/4	3/4	3/4
1 1/4	54,292	41,033	27,774	14,515	1,518	1	1	1	1	1
1 1/2	54,015	40,757	27,498	14,239	1,305	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 3/4	53,739	40,480	27,222	13,963	1,146	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
2	53,463	40,204	26,945	13,687	987	3/4	3/4	3/4	3/4	3/4
2 1/4	53,187	39,928	26,669	13,410	828	2	2	2	2	2
2 1/2	52,910	39,652	26,393	13,134	670	1/4	1/4	1/4	1/4	1/4
2 3/4	52,634	39,375	26,117	12,858	566	1/2	1/2	1/2	1/2	1/2
3	52,358	39,099	25,840	12,582	462	3/4	3/4	3/4	3/4	3/4
3 1/4	52,082	38,823	25,564	12,305	359	3	3	3	3	3
3 1/2	51,806	38,547	25,288	12,029	255	1/4	1/4	1/4	1/4	1/4
3 3/4	51,529	38,271	25,012	11,753	207	1/2	1/2	1/2	1/2	1/2
4	51,253	37,994	24,736	11,477	159	3/4	3/4	3/4	3/4	3/4
4 1/4	50,977	37,718	24,459	11,201	110	4	4	4	4	4
4 1/2	50,701	37,442	24,183	10,924	62	1/4	1/4	1/4	1/4	1/4
4 3/4	50,424	37,166	23,907	10,648	41	1/2	1/2	1/2	1/2	1/2
5	50,148	36,889	23,631	10,372	3/4	3/4	3/4	3/4	3/4	3/4
5 1/4	49,872	36,613	23,354	10,096	5	5	5	5	5	5
5 1/2	49,596	36,337	23,078	9,819	1/4	1/4	1/4	1/4	1/4	1/4
5 3/4	49,320	36,061	22,802	9,543	1/2	1/2	1/2	1/2	1/2	1/2
6	49,043	35,785	22,526	9,267	3/4	3/4	3/4	3/4	3/4	3/4
6 1/4	48,767	35,508	22,250	8,991	6	6	6	6	6	6
6 1/2	48,491	35,232	21,973	8,715	1/4	1/4	1/4	1/4	1/4	1/4
6 3/4	48,215	34,956	21,697	8,438	1/2	1/2	1/2	1/2	1/2	1/2
7	47,938	34,680	21,421	8,162	3/4	3/4	3/4	3/4	3/4	3/4
7 1/4	47,662	34,403	21,145	7,886	7	7	7	7	7	7
7 1/2	47,386	34,127	20,868	7,610	1/4	1/4	1/4	1/4	1/4	1/4
7 3/4	47,110	33,851	20,592	7,333	1/2	1/2	1/2	1/2	1/2	1/2
8	46,834	33,575	20,316	7,057	3/4	3/4	3/4	3/4	3/4	3/4
8 1/4	46,557	33,299	20,040	6,781	8	8	8	8	8	8
8 1/2	46,281	33,022	19,764	6,505	1/4	1/4	1/4	1/4	1/4	1/4
8 3/4	46,005	32,746	19,487	6,229	1/2	1/2	1/2	1/2	1/2	1/2
9	45,729	32,470	19,211	5,952	3/4	3/4	3/4	3/4	3/4	3/4
9 1/4	45,452	32,194	18,935	5,676	9	9	9	9	9	9
9 1/2	45,176	31,917	18,659	5,400	1/4	1/4	1/4	1/4	1/4	1/4
9 3/4	44,900	31,641	18,382	5,124	1/2	1/2	1/2	1/2	1/2	1/2
10	44,624	31,365	18,106	4,847	3/4	3/4	3/4	3/4	3/4	3/4
10 1/4	44,348	31,089	17,830	4,571	10	10	10	10	10	10
10 1/2	44,071	30,813	17,554	4,295	1/4	1/4	1/4	1/4	1/4	1/4
10 3/4	43,795	30,536	17,278	4,019	1/2	1/2	1/2	1/2	1/2	1/2
11	43,519	30,260	17,001	3,743	3/4	3/4	3/4	3/4	3/4	3/4
11 1/4	43,243	29,984	16,725	3,466	11	11	11	11	11	11
11 1/2	42,966	29,708	16,449	3,190	1/4	1/4	1/4	1/4	1/4	1/4
11 3/4	42,690	29,431	16,173	2,912	1/2	1/2	1/2	1/2	1/2	1/2
12	42,414	29,155	15,896	2,634	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: 4/11/04 BY: DR-EC  
DATE COMPUTED: 4/19/04 BY: DR  
DATE ISSUED: 4/19/04

CERTIFIED TANK CALIBRATION, INC.

*Dale G. Brown*