

**BARGE "JSC 180"**

**TANK NO. 1  
ULLAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS		GAUGE HEIGHT 16'-10"																														
IN	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	10 FT.	11 FT.	12 FT.	IN	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	10 FT.	11 FT.	12 FT.	IN	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	10 FT.	11 FT.	12 FT.
0	0	153,104	141,016	128,927	116,839	104,750	92,662	80,573	68,485	56,396	0	0	153,104	141,016	128,927	116,839	104,750	92,662	80,573	68,485	56,396	0	0	153,104	141,016	128,927	116,839	104,750	92,662	80,573	68,485	56,396
1/4	1/4	152,852	140,764	128,675	116,587	104,498	92,410	80,321	68,233	56,144	1/4	1/4	152,852	140,764	128,675	116,587	104,498	92,410	80,321	68,233	56,144	1/4	1/4	152,852	140,764	128,675	116,587	104,498	92,410	80,321	68,233	56,144
1/2	1/2	152,601	140,512	128,424	116,335	104,246	92,158	80,069	67,981	55,892	1/2	1/2	152,601	140,512	128,424	116,335	104,246	92,158	80,069	67,981	55,892	1/2	1/2	152,601	140,512	128,424	116,335	104,246	92,158	80,069	67,981	55,892
3/4	3/4	152,349	140,260	128,172	116,083	103,995	91,906	79,818	67,729	55,640	3/4	3/4	152,349	140,260	128,172	116,083	103,995	91,906	79,818	67,729	55,640	3/4	3/4	152,349	140,260	128,172	116,083	103,995	91,906	79,818	67,729	55,640
1	1	152,097	140,008	127,920	115,831	103,743	91,654	79,566	67,477	55,389	1	1	152,097	140,008	127,920	115,831	103,743	91,654	79,566	67,477	55,389	1	1	152,097	140,008	127,920	115,831	103,743	91,654	79,566	67,477	55,389
1/4	1/4	151,845	139,757	127,668	115,579	103,491	91,402	79,314	67,225	55,137	1/4	1/4	151,845	139,757	127,668	115,579	103,491	91,402	79,314	67,225	55,137	1/4	1/4	151,845	139,757	127,668	115,579	103,491	91,402	79,314	67,225	55,137
1/2	1/2	151,593	139,505	127,416	115,328	103,239	91,151	79,062	66,973	54,885	1/2	1/2	151,593	139,505	127,416	115,328	103,239	91,151	79,062	66,973	54,885	1/2	1/2	151,593	139,505	127,416	115,328	103,239	91,151	79,062	66,973	54,885
3/4	3/4	151,341	139,253	127,164	115,076	103,087	90,964	78,810	66,722	54,633	3/4	3/4	151,341	139,253	127,164	115,076	103,087	90,964	78,810	66,722	54,633	3/4	3/4	151,341	139,253	127,164	115,076	103,087	90,964	78,810	66,722	54,633
2	2	151,090	139,001	126,912	114,824	102,895	90,847	78,658	66,540	54,481	2	2	151,090	139,001	126,912	114,824	102,895	90,847	78,658	66,540	54,481	2	2	151,090	139,001	126,912	114,824	102,895	90,847	78,658	66,540	54,481
1/4	1/4	150,838	138,749	126,661	114,572	102,644	90,695	78,506	66,421	54,292	1/4	1/4	150,838	138,749	126,661	114,572	102,644	90,695	78,506	66,421	54,292	1/4	1/4	150,838	138,749	126,661	114,572	102,644	90,695	78,506	66,421	54,292
1/2	1/2	150,586	138,497	126,409	114,320	102,392	90,543	78,355	66,296	54,143	1/2	1/2	150,586	138,497	126,409	114,320	102,392	90,543	78,355	66,296	54,143	1/2	1/2	150,586	138,497	126,409	114,320	102,392	90,543	78,355	66,296	54,143
3/4	3/4	150,334	138,245	126,157	114,068	102,184	89,991	78,103	66,171	53,994	3/4	3/4	150,334	138,245	126,157	114,068	102,184	89,991	78,103	66,171	53,994	3/4	3/4	150,334	138,245	126,157	114,068	102,184	89,991	78,103	66,171	53,994
3	3	150,082	137,994	125,905	113,817	101,980	89,891	77,803	65,714	53,626	3	3	150,082	137,994	125,905	113,817	101,980	89,891	77,803	65,714	53,626	3	3	150,082	137,994	125,905	113,817	101,980	89,891	77,803	65,714	53,626
1/4	1/4	149,830	137,742	125,653	113,565	101,776	89,788	77,599	65,521	53,477	1/4	1/4	149,830	137,742	125,653	113,565	101,776	89,788	77,599	65,521	53,477	1/4	1/4	149,830	137,742	125,653	113,565	101,776	89,788	77,599	65,521	53,477
1/2	1/2	149,578	137,490	125,401	113,313	101,524	89,639	77,447	65,373	53,322	1/2	1/2	149,578	137,490	125,401	113,313	101,524	89,639	77,447	65,373	53,322	1/2	1/2	149,578	137,490	125,401	113,313	101,524	89,639	77,447	65,373	53,322
3/4	3/4	149,327	137,238	125,150	113,061	101,272	89,484	77,299	65,211	53,171	3/4	3/4	149,327	137,238	125,150	113,061	101,272	89,484	77,299	65,211	53,171	3/4	3/4	149,327	137,238	125,150	113,061	101,272	89,484	77,299	65,211	53,171
4	4	149,075	136,986	124,898	112,809	101,021	89,332	77,154	65,032	52,977	4	4	149,075	136,986	124,898	112,809	101,021	89,332	77,154	65,032	52,977	4	4	149,075	136,986	124,898	112,809	101,021	89,332	77,154	65,032	52,977
1/4	1/4	148,823	136,734	124,646	112,557	100,772	89,183	76,965	64,844	52,828	1/4	1/4	148,823	136,734	124,646	112,557	100,772	89,183	76,965	64,844	52,828	1/4	1/4	148,823	136,734	124,646	112,557	100,772	89,183	76,965	64,844	52,828
1/2	1/2	148,571	136,483	124,394	112,305	100,521	88,988	76,776	64,655	52,679	1/2	1/2	148,571	136,483	124,394	112,305	100,521	88,988	76,776	64,655	52,679	1/2	1/2	148,571	136,483	124,394	112,305	100,521	88,988	76,776	64,655	52,679
3/4	3/4	148,319	136,231	124,142	112,054	99,965	88,787	76,587	64,466	52,530	3/4	3/4	148,319	136,231	124,142	112,054	99,965	88,787	76,587	64,466	52,530	3/4	3/4	148,319	136,231	124,142	112,054	99,965	88,787	76,587	64,466	52,530
5	5	148,067	135,979	123,890	111,802	99,713	88,625	76,397	64,275	52,382	5	5	148,067	135,979	123,890	111,802	99,713	88,625	76,397	64,275	52,382	5	5	148,067	135,979	123,890	111,802	99,713	88,625	76,397	64,275	52,382
1/4	1/4	147,816	135,727	123,638	111,550	99,461	88,473	76,208	64,084	52,233	1/4	1/4	147,816	135,727	123,638	111,550	99,461	88,473	76,208	64,084	52,233	1/4	1/4	147,816	135,727	123,638	111,550	99,461	88,473	76,208	64,084	52,233
1/2	1/2	147,564	135,475	123,387	111,298	99,212	88,324	76,019	63,895	52,078	1/2	1/2	147,564	135,475	123,387	111,298	99,212	88,324	76,019	63,895	52,078	1/2	1/2	147,564	135,475	123,387	111,298	99,212	88,324	76,019	63,895	52,078
3/4	3/4	147,312	135,223	123,135	111,046	98,958	88,170	75,826	63,706	51,933	3/4	3/4	147,312	135,223	123,135	111,046	98,958	88,170	75,826	63,706	51,933	3/4	3/4	147,312	135,223	123,135	111,046	98,958	88,170	75,826	63,706	51,933
6	6	147,060	134,971	122,883	110,794	98,706	87,918	75,637	63,515	51,788	6	6	147,060	134,971	122,883	110,794	98,706	87,918	75,637	63,515	51,788	6	6	147,060	134,971	122,883	110,794	98,706	87,918	75,637	63,515	51,788
1/4	1/4	146,808	134,720	122,631	110,543	98,454	87,729	75,448	63,324	51,643	1/4	1/4	146,808	134,720	122,631	110,543	98,454	87,729	75,448	63,324	51,643	1/4	1/4	146,808	134,720	122,631	110,543	98,454	87,729	75,448	63,324	51,643
1/2	1/2	146,556	134,468	122,379	110,291	98,202	87,540	75,259	63,133	51,498	1/2	1/2	146,556	134,468	122,379	110,291	98,202	87,540	75,259	63,133	51,498	1/2	1/2	146,556	134,468	122,379	110,291	98,202	87,540	75,259	63,133	51,498
3/4	3/4	146,304	134,216	122,127	110,039	97,950	87,351	75,068	62,942	51,353	3/4	3/4	146,304	134,216	122,127	110,039	97,950	87,351	75,068	62,942	51,353	3/4	3/4	146,304	134,216	122,127	110,039	97,950	87,351	75,068	62,942	51,353
7	7	146,053	133,964	121,876	109,787	97,699	87,162	74,877	62,750	51,208	7	7	146,053	133,964	121,876	109,787	97,699	87,162	74,877	62,750	51,208	7	7	146,053	133,964	121,876	109,787	97,699	87,162	74,877	62,750	51,208
1/4	1/4	145,801	133,712	121,624	109,535	97,447	86,965	74,686	62,559	51,063	1/4	1/4	145,801	133,712	121,624	109,535	97,447	86,965	74,686	62,559	51,063	1/4	1/4	145,801	133,712	121,624	109,535	97,447	86,965	74,686		

CAPACITIES GIVEN IN WHOLE GALLONS		GAUGE HEIGHT 16'-10"									
		13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.	20 FT.	21 FT.	22 FT.
0	44,307	0	32,219	0	20,130	0	8,044	0	0	0	0
1/4	44,056	1/4	31,967	1/4	19,879	1/4	7,794	1/4	1/4	1/4	1/4
1/2	43,804	1/2	31,715	1/2	19,627	1/2	7,543	1/2	1/2	1/2	1/2
3/4	43,552	3/4	31,463	3/4	19,375	3/4	7,292	3/4	3/4	3/4	3/4
1	43,300	1	31,212	1	19,123	1	7,042	1	1	1	1
1/4	43,048	1/4	30,960	1/4	18,871	1/4	6,791	1/4	1/4	1/4	1/4
1/2	42,796	1/2	30,708	1/2	18,619	1/2	6,540	1/2	1/2	1/2	1/2
3/4	42,545	3/4	30,456	3/4	18,368	3/4	6,290	3/4	3/4	3/4	3/4
2	42,293	2	30,204	2	18,116	2	6,039	2	2	2	2
1/4	42,041	1/4	29,952	1/4	17,864	1/4	5,788	1/4	1/4	1/4	1/4
1/2	41,789	1/2	29,701	1/2	17,612	1/2	5,538	1/2	1/2	1/2	1/2
3/4	41,537	3/4	29,449	3/4	17,360	3/4	5,287	3/4	3/4	3/4	3/4
3	41,285	3	29,197	3	17,108	3	5,036	3	3	3	3
1/4	41,034	1/4	28,945	1/4	16,856	1/4	4,786	1/4	1/4	1/4	1/4
1/2	40,782	1/2	28,693	1/2	16,605	1/2	4,535	1/2	1/2	1/2	1/2
3/4	40,530	3/4	28,441	3/4	16,353	3/4	4,284	3/4	3/4	3/4	3/4
4	40,278	4	28,189	4	16,101	4	4,034	4	4	4	4
1/4	40,026	1/4	27,938	1/4	15,849	1/4	3,783	1/4	1/4	1/4	1/4
1/2	39,774	1/2	27,686	1/2	15,597	1/2	3,532	1/2	1/2	1/2	1/2
3/4	39,522	3/4	27,434	3/4	15,345	3/4	3,282	3/4	3/4	3/4	3/4
5	39,271	5	27,182	5	15,094	5	3,031	5	5	5	5
1/4	39,019	1/4	26,930	1/4	14,842	1/4	2,780	1/4	1/4	1/4	1/4
1/2	38,767	1/2	26,678	1/2	14,590	1/2	2,530	1/2	1/2	1/2	1/2
3/4	38,515	3/4	26,427	3/4	14,338	3/4	2,303	3/4	3/4	3/4	3/4
6	38,263	6	26,175	6	14,086	6	2,076	6	6	6	6
1/4	38,011	1/4	25,923	1/4	13,834	1/4	1,850	1/4	1/4	1/4	1/4
1/2	37,760	1/2	25,671	1/2	13,582	1/2	1,623	1/2	1/2	1/2	1/2
3/4	37,508	3/4	25,419	3/4	13,331	3/4	1,447	3/4	3/4	3/4	3/4
7	37,256	7	25,167	7	13,079	7	1,270	7	7	7	7
1/4	37,004	1/4	24,915	1/4	12,827	1/4	1,094	1/4	1/4	1/4	1/4
1/2	36,752	1/2	24,664	1/2	12,575	1/2	918	1/2	1/2	1/2	1/2
3/4	36,500	3/4	24,412	3/4	12,323	3/4	792	3/4	3/4	3/4	3/4
8	36,248	8	24,160	8	12,071	8	666	8	8	8	8
1/4	35,997	1/4	23,908	1/4	11,820	1/4	540	1/4	1/4	1/4	1/4
1/2	35,745	1/2	23,656	1/2	11,568	1/2	414	1/2	1/2	1/2	1/2
3/4	35,493	3/4	23,404	3/4	11,316	3/4	339	3/4	3/4	3/4	3/4
9	35,241	9	23,153	9	11,064	9	263	9	9	9	9
1/4	34,989	1/4	22,901	1/4	10,812	1/4	187	1/4	1/4	1/4	1/4
1/2	34,737	1/2	22,649	1/2	10,560	1/2	112	1/2	1/2	1/2	1/2
3/4	34,486	3/4	22,397	3/4	10,309	3/4	87	3/4	3/4	3/4	3/4
10	34,234	10	22,145	10	10,057	10	62	10	10	10	10
1/4	33,982	1/4	21,893	1/4	9,805	1/4	37	1/4	1/4	1/4	1/4
1/2	33,730	1/2	21,641	1/2	9,553	1/2	12	1/2	1/2	1/2	1/2
3/4	33,478	3/4	21,390	3/4	9,301	3/4	3	3/4	3/4	3/4	3/4
11	33,226	11	21,138	11	9,049	11	1	11	11	11	11
1/4	32,974	1/4	20,886	1/4	8,797	1/4	0	1/4	1/4	1/4	1/4
1/2	32,723	1/2	20,634	1/2	8,546	1/2	0	1/2	1/2	1/2	1/2
3/4	32,471	3/4	20,382	3/4	8,295	3/4	0	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.

CERTIFIED TANK CALIBRATION, INC.

DATE STRAPPED: 4/27/85 BY: DS-DR  
DATE COMPUTED: 4/28/85 BY: DR  
DATE ISSUED: 4/28/85

*Debra A. Brown*

**BARGE "CBC 180"**

**2 PORT  
ULLAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS		GAUGE HEIGHT: 16'-4 3/4"																																																	
IN	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	10 FT.	11 FT.	12 FT.	IN	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	10 FT.	11 FT.	12 FT.	IN	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	10 FT.	11 FT.	12 FT.																			
0	0	98,669	0	90,748	0	82,806	0	74,864	0	66,922	0	58,980	0	51,038	0	43,097	0	35,155	0	27,213	0	19,271	0	11,329	0	3,387	0	25,435	0	17,493	0	9,551	0	1,609	0	27,213	0	19,271	0	11,329	0	3,387	0	25,435	0	17,493	0	9,551	0	1,609	0
1/4	1/4	98,524	1/4	90,582	1/4	82,640	1/4	74,698	1/4	66,757	1/4	58,815	1/4	50,873	1/4	42,931	1/4	34,989	1/4	27,047	1/4	19,105	1/4	11,163	1/4	3,221	1/4	25,290	1/4	17,348	1/4	9,406	1/4	1,564	1/4	27,047	1/4	19,105	1/4	11,163	1/4	3,221	1/4	25,290	1/4	17,348	1/4	9,406	1/4	1,564	1/4
1/2	1/2	98,379	1/2	90,437	1/2	82,475	1/2	74,533	1/2	66,593	1/2	58,651	1/2	50,729	1/2	42,787	1/2	34,844	1/2	26,899	1/2	18,954	1/2	11,018	1/2	3,076	1/2	25,145	1/2	17,203	1/2	9,260	1/2	1,522	1/2	26,899	1/2	18,954	1/2	11,018	1/2	3,076	1/2	25,145	1/2	17,203	1/2	9,260	1/2	1,522	1/2
3/4	3/4	98,193	3/4	90,251	3/4	82,309	3/4	74,367	3/4	66,426	3/4	58,484	3/4	50,542	3/4	42,600	3/4	34,658	3/4	26,702	3/4	18,808	3/4	10,876	3/4	2,931	3/4	25,001	3/4	17,057	3/4	9,115	3/4	1,480	3/4	26,702	3/4	18,808	3/4	10,876	3/4	2,931	3/4	25,001	3/4	17,057	3/4	9,115	3/4	1,480	3/4
1	1	98,028	1	90,086	1	82,144	1	74,202	1	66,280	1	58,318	1	50,377	1	42,435	1	34,493	1	26,536	1	18,654	1	10,734	1	2,786	1	24,846	1	16,912	1	8,973	1	1,438	1	26,536	1	18,654	1	10,734	1	2,786	1	24,846	1	16,912	1	8,973	1	1,438	1
1 1/4	1 1/4	97,862	1 1/4	89,920	1 1/4	81,978	1 1/4	74,037	1 1/4	66,095	1 1/4	58,153	1 1/4	50,211	1 1/4	42,269	1 1/4	34,327	1 1/4	26,384	1 1/4	18,510	1 1/4	10,590	1 1/4	2,641	1 1/4	24,697	1 1/4	16,769	1 1/4	8,828	1 1/4	1,393	1 1/4	26,384	1 1/4	18,510	1 1/4	10,590	1 1/4	2,641	1 1/4	24,697	1 1/4	16,769	1 1/4	8,828	1 1/4	1,393	1 1/4
1 1/2	1 1/2	97,697	1 1/2	89,755	1 1/2	81,813	1 1/2	73,871	1 1/2	65,929	1 1/2	57,987	1 1/2	50,046	1 1/2	42,104	1 1/2	34,162	1 1/2	26,230	1 1/2	18,366	1 1/2	10,448	1 1/2	2,496	1 1/2	24,552	1 1/2	16,624	1 1/2	8,686	1 1/2	1,348	1 1/2	26,230	1 1/2	18,366	1 1/2	10,448	1 1/2	2,496	1 1/2	24,552	1 1/2	16,624	1 1/2	8,686	1 1/2	1,348	1 1/2
3/4	3/4	97,531	3/4	89,599	3/4	81,647	3/4	73,706	3/4	65,767	3/4	57,822	3/4	49,880	3/4	41,938	3/4	33,996	3/4	26,071	3/4	18,219	3/4	10,303	3/4	2,351	3/4	24,407	3/4	16,481	3/4	8,541	3/4	1,303	3/4	26,071	3/4	18,219	3/4	10,303	3/4	2,351	3/4	24,407	3/4	16,481	3/4	8,541	3/4	1,303	3/4
2	2	97,366	2	89,424	2	81,482	2	73,540	2	65,598	2	57,657	2	49,715	2	41,773	2	33,831	2	25,912	2	18,076	2	10,156	2	2,206	2	24,256	2	16,336	2	8,396	2	1,258	2	25,912	2	18,076	2	10,156	2	2,206	2	24,256	2	16,336	2	8,396	2	1,258	2
1 1/4	1 1/4	97,200	1 1/4	89,258	1 1/4	81,317	1 1/4	73,375	1 1/4	65,433	1 1/4	57,491	1 1/4	49,549	1 1/4	41,607	1 1/4	33,666	1 1/4	25,763	1 1/4	17,927	1 1/4	10,009	1 1/4	2,061	1 1/4	24,110	1 1/4	16,190	1 1/4	8,250	1 1/4	1,213	1 1/4	25,763	1 1/4	17,927	1 1/4	10,009	1 1/4	2,061	1 1/4	24,110	1 1/4	16,190	1 1/4	8,250	1 1/4	1,213	1 1/4
1 1/2	1 1/2	97,035	1 1/2	89,093	1 1/2	81,151	1 1/2	73,209	1 1/2	65,267	1 1/2	57,326	1 1/2	49,384	1 1/2	41,442	1 1/2	33,500	1 1/2	25,604	1 1/2	17,782	1 1/2	9,864	1 1/2	1,916	1 1/2	23,963	1 1/2	16,044	1 1/2	8,104	1 1/2	1,168	1 1/2	25,604	1 1/2	17,782	1 1/2	9,864	1 1/2	1,916	1 1/2	23,963	1 1/2	16,044	1 1/2	8,104	1 1/2	1,168	1 1/2
3/4	3/4	96,869	3/4	88,928	3/4	80,986	3/4	73,044	3/4	65,102	3/4	57,160	3/4	49,218	3/4	41,277	3/4	33,335	3/4	25,441	3/4	17,637	3/4	9,719	3/4	1,771	3/4	23,818	3/4	15,896	3/4	7,958	3/4	1,123	3/4	25,441	3/4	17,637	3/4	9,719	3/4	1,771	3/4	23,818	3/4	15,896	3/4	7,958	3/4	1,123	3/4
3	3	96,704	3	88,762	3	80,820	3	72,878	3	64,937	3	56,995	3	49,053	3	41,111	3	33,169	3	25,280	3	17,493	3	9,574	3	1,626	3	23,671	3	15,750	3	7,813	3	1,078	3	25,280	3	17,493	3	9,574	3	1,626	3	23,671	3	15,750	3	7,813	3	1,078	3
1 1/4	1 1/4	96,538	1 1/4	88,597	1 1/4	80,655	1 1/4	72,713	1 1/4	64,771	1 1/4	56,829	1 1/4	48,887	1 1/4	40,946	1 1/4	33,004	1 1/4	25,119	1 1/4	17,348	1 1/4	9,429	1 1/4	1,481	1 1/4	23,524	1 1/4	15,605	1 1/4	7,668	1 1/4	1,033	1 1/4	25,119	1 1/4	17,348	1 1/4	9,429	1 1/4	1,481	1 1/4	23,524	1 1/4	15,605	1 1/4	7,668	1 1/4	1,033	1 1/4
1 1/2	1 1/2	96,373	1 1/2	88,431	1 1/2	80,499	1 1/2	72,547	1 1/2	64,606	1 1/2	56,684	1 1/2	48,722	1 1/2	40,780	1 1/2	32,838	1 1/2	24,958	1 1/2	17,203	1 1/2	9,284	1 1/2	1,336	1 1/2	23,377	1 1/2	15,460	1 1/2	7,523	1 1/2	988	1 1/2	24,958	1 1/2	17,203	1 1/2	9,284	1 1/2	1,336	1 1/2	23,377	1 1/2	15,460	1 1/2	7,523	1 1/2	988	1 1/2
3/4	3/4	96,208	3/4	88,266	3/4	80,324	3/4	72,382	3/4	64,440	3/4	56,498	3/4	48,557	3/4	40,615	3/4	32,673	3/4	24,809	3/4	17,057	3/4	9,139	3/4	1,191	3/4	23,226	3/4	15,315	3/4	7,378	3/4	943	3/4	24,809	3/4	17,057	3/4	9,139	3/4	1,191	3/4	23,226	3/4	15,315	3/4	7,378	3/4	943	3/4
4	4	96,042	4	88,100	4	80,158	4	72,217	4	64,275	4	56,333	4	48,391	4	40,449	4	32,507	4	24,660	4	16,912	4	9,000	4	1,046	4	23,075	4	15,170	4	7,233	4	900	4	24,660	4	16,912	4	9,000	4	1,046	4	23,075	4	15,170	4	7,233	4	900	4
1 1/4	1 1/4	95,877	1 1/4	87,935	1 1/4	79,993	1 1/4	72,051	1 1/4	64,109	1 1/4	56,167	1 1/4	48,226	1 1/4	40,284	1 1/4	32,342	1 1/4	24,511	1 1/4	16,769	1 1/4	8,855	1 1/4	961	1 1/4	22,924	1 1/4	15,025	1 1/4	7,088	1 1/4	855	1 1/4	24,511	1 1/4	16,769	1 1/4	8,855	1 1/4	961	1 1/4	22,924	1 1/4	15,025	1 1/4	7,088	1 1/4	855	1 1/4
1 1/2	1 1/2	95,711	1 1/2	87,769	1 1/2	79,827	1 1/2	71,886	1 1/2	63,944	1 1/2	56,002	1 1/2	48,060	1 1/2	40,118	1 1/2	32,176	1 1/2	24,352	1 1/2	16,624	1 1/2	8,710	1 1/2	916	1 1/2	22,773	1 1/2	14,880	1 1/2	6,943	1 1/2	809	1 1/2	24,352	1 1/2	16,624	1 1/2	8,710	1 1/2	916	1 1/2	22,773	1 1/2	14,880	1 1/2	6,943	1 1/2	809	1 1/2
3/4	3/4	95,546	3/4	87,604	3/4	79,662	3/4	71,720	3/4	63,778	3/4	55,837	3/4	47,895	3/4	39,953	3/4	32,011	3/4	24,193	3/4	16,481	3/4	8,565	3/4	871	3/4	22,620	3/4	14,735	3/4	6,798	3/4	764	3/4	24,193	3/4	16,481	3/4	8,565	3/4	871	3/4	22,620	3/4	14,735	3/4	764	3/4		
5	5	95,380	5	87,438	5	79,497	5	71,555	5	63,613	5	55,671	5	47,729	5	39,787	5	31,846	5	24,034	5	16,336	5	8,420	5	826	5	22,467	5	14,589	5	6,653	5	719	5	24,034	5	16,336	5	8,420	5	826	5	22,467	5	14,589	5	6,653	5	719	5
1 1/4	1 1/4	95,215	1 1/4	87,273	1 1/4	79,331	1 1/4	71,399	1 1/4	63,447	1 1/4	55,506	1 1/4	47,564	1 1/4	39,622	1 1/4	31,690	1 1/4	23,875	1 1/4	16,190	1 1/4	8,275	1 1/4	781	1 1/4	22,315	1 1/4	14,443	1 1/4	6,508	1 1/4	674	1 1/4	23,875	1 1/4	16,190	1 1/4	8,275	1 1/4	781	1 1/4	22,315	1 1/4	14,443	1 1/4	6,508	1 1/4	674	1 1/4
1 1/2	1 1/2	102,900	1 1/2	95,049	1 1/2	79,166	1 1/2	71,224	1 1/2	63,282	1 1/2	55,340	1 1/2	47,398	1 1/2	39,456	1 1/2	31,515	1 1/2	23,716	1 1/2	16,044	1 1/2	8,130	1 1/2	736	1 1/2	22,164	1 1/2	14,298	1 1/2	6,363	1 1/2	629	1 1/2	23,716	1 1/2	16,044	1 1/2	8,130	1 1/2	736	1 1/2	22,164	1 1/2	14,298	1 1/2	6,363	1 1/2	629	1 1/2
3/4	3/4	102,768	3/4	94,884	3/4	86,942	3/4	79,000	3/4	71,058	3/4	55,175	3/4	47,233	3/4	39,291	3/4	31,349	3/4	23,557	3/4	15,896	3/4	7,985	3/4	691	3/4	22,013	3/4	14,151	3/4	6,218	3/4	584	3/4	23,557	3/4	15,896	3/4	7,985	3/4	691	3/4	22,013	3/4	14,151	3/4	6,218	3/4		

**BARGE "CL - 180"**

**2 PORT  
ULLAGE TABLE**

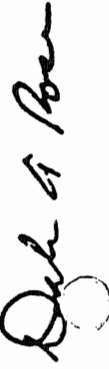
GAUGE HEIGHT: 16'-4 3/4"

13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		20 FT.		21 FT.		22 FT.	
M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N
0	27.213	0	19.271	0	11.329	0	3.396	0	0	0	0	0	0	0	0	0	0	0	0
1/4	27.047	1/4	19.106	1/4	11.164	1/4	3.231	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	26.882	1/2	18.940	1/2	10.998	1/2	3.067	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	26.716	3/4	18.775	3/4	10.833	3/4	2.902	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	26.551	1	18.609	1	10.667	1	2.737	1	1	1	1	1	1	1	1	1	1	1	1
1/4	26.386	1/4	18.444	1/4	10.502	1/4	2.572	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	26.220	1/2	18.278	1/2	10.336	1/2	2.407	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	26.055	3/4	18.113	3/4	10.171	3/4	2.243	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	25.889	2	17.947	2	10.006	2	2.078	2	2	2	2	2	2	2	2	2	2	2	2
1/4	25.724	1/4	17.782	1/4	9.840	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
1/2	25.558	1/2	17.616	1/2	9.675	1/2	1.748	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	25.393	3/4	17.451	3/4	9.509	3/4	1.591	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	25.227	3	17.286	3	9.344	3	1.442	3	3	3	3	3	3	3	3	3	3	3	3
1/4	25.062	1/4	17.120	1/4	9.178	1/4	1.294	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	24.896	1/2	16.955	1/2	9.013	1/2	1.145	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	24.731	3/4	16.789	3/4	8.847	3/4	1.012	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	24.566	4	16.624	4	8.682	4	896	4	4	4	4	4	4	4	4	4	4	4	4
1/4	24.400	1/4	16.458	1/4	8.516	1/4	781	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	24.235	1/2	16.293	1/2	8.351	1/2	665	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	24.069	3/4	16.127	3/4	8.186	3/4	566	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	23.904	5	15.962	5	8.020	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	23.738	1/4	15.796	1/4	7.855	1/4	5	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	23.573	1/2	15.631	1/2	7.689	1/2	5	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	23.407	3/4	15.466	3/4	7.524	3/4	5	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	23.242	6	15.300	6	7.358	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	23.076	1/4	15.135	1/4	7.193	1/4	6	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	22.911	1/2	14.969	1/2	7.027	1/2	6	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	22.746	3/4	14.804	3/4	6.862	3/4	6	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	22.580	7	14.638	7	6.696	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	22.415	1/4	14.473	1/4	6.531	1/4	7	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	22.249	1/2	14.307	1/2	6.366	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	1/2
3/4	22.084	3/4	14.142	3/4	6.200	3/4	7	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	21.918	8	13.976	8	6.035	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	21.753	1/4	13.811	1/4	5.869	1/4	8	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	21.587	1/2	13.646	1/2	5.704	1/2	8	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	21.422	3/4	13.480	3/4	5.539	3/4	8	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	21.256	9	13.315	9	5.374	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	21.091	1/4	13.149	1/4	5.209	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	1/4
1/2	20.926	1/2	12.984	1/2	5.044	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	1/2
3/4	20.760	3/4	12.818	3/4	4.879	3/4	9	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	20.595	10	12.653	10	4.715	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	20.429	1/4	12.487	1/4	4.550	1/4	10	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	20.264	1/2	12.322	1/2	4.385	1/2	10	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	20.098	3/4	12.156	3/4	4.220	3/4	10	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	19.933	11	11.991	11	4.055	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	19.767	1/4	11.826	1/4	3.891	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	1/4
1/2	19.602	1/2	11.660	1/2	3.726	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	1/2
3/4	19.436	3/4	11.495	3/4	3.561	3/4	11	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: 4/28/05 BY: DS-DR  
DATE COMPUTED: 4/28/05 BY: DR  
DATE ISSUED: 4/28/05

CERTIFIED TANK CALIBRATION, INC.



**BARGE "CBC 180"**

**2 STBD  
ULLAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-6 3/4"

IN	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	10 FT.	11 FT.	12 FT.		
0	0	99,089	0	83,194	0	75,247	0	67,900	0	43,458	0	35,510
1/4	1/4	98,924	1/4	90,976	1/4	75,081	1/4	67,134	1/4	51,239	1/4	43,292
1/2	1/2	98,758	1/2	82,863	1/2	74,916	1/2	66,969	1/2	51,074	1/2	43,126
3/4	3/4	98,593	3/4	82,698	3/4	74,750	3/4	66,803	3/4	50,908	3/4	42,961
1	1	98,427	1	82,532	1	74,585	1	66,637	1	50,743	1	42,795
1/4	1/4	98,261	1/4	82,367	1/4	74,419	1/4	66,472	1/4	50,577	1/4	42,630
1/2	1/2	98,096	1/2	82,201	1/2	74,254	1/2	66,306	1/2	50,411	1/2	42,464
3/4	3/4	97,930	3/4	82,035	3/4	74,088	3/4	66,141	3/4	50,246	3/4	42,299
2	2	97,765	2	81,870	2	73,922	2	65,975	2	50,080	2	42,133
1/4	1/4	97,599	1/4	81,704	1/4	73,757	1/4	65,810	1/4	49,915	1/4	41,967
1/2	1/2	97,434	1/2	81,539	1/2	73,591	1/2	65,644	1/2	49,749	1/2	41,802
3/4	3/4	97,268	3/4	81,373	3/4	73,426	3/4	65,478	3/4	49,584	3/4	41,636
3	3	97,102	3	81,208	3	73,260	3	65,313	3	49,418	3	41,471
1/4	1/4	96,937	1/4	81,042	1/4	73,095	1/4	65,147	1/4	49,252	1/4	41,305
1/2	1/2	96,771	1/2	80,876	1/2	72,929	1/2	64,982	1/2	49,087	1/2	41,140
3/4	3/4	96,606	3/4	80,711	3/4	72,764	3/4	64,816	3/4	48,921	3/4	40,974
4	4	96,440	4	80,545	4	72,598	4	64,651	4	48,756	4	40,808
1/4	1/4	96,275	1/4	80,380	1/4	72,432	1/4	64,485	1/4	48,590	1/4	40,643
1/2	1/2	96,109	1/2	80,214	1/2	72,267	1/2	64,319	1/2	48,425	1/2	40,477
3/4	3/4	95,943	3/4	80,049	3/4	72,101	3/4	64,154	3/4	48,259	3/4	40,312
5	5	95,778	5	79,883	5	71,936	5	63,988	5	48,093	5	40,146
1/4	1/4	95,612	1/4	79,717	1/4	71,770	1/4	63,823	1/4	47,928	1/4	39,981
1/2	1/2	95,447	1/2	79,552	1/2	71,605	1/2	63,657	1/2	47,762	1/2	39,815
3/4	3/4	95,281	3/4	79,386	3/4	71,439	3/4	63,492	3/4	47,597	3/4	39,649
6	6	95,116	6	79,221	6	71,273	6	63,326	6	47,431	6	39,484
1/4	1/4	94,950	1/4	79,055	1/4	71,108	1/4	63,160	1/4	47,266	1/4	39,318
1/2	1/2	94,784	1/2	78,890	1/2	70,942	1/2	62,995	1/2	47,100	1/2	39,153
3/4	3/4	94,619	3/4	78,724	3/4	70,777	3/4	62,829	3/4	46,934	3/4	38,987
7	7	94,453	7	78,558	7	70,611	7	62,664	7	46,769	7	38,822
1/4	1/4	94,288	1/4	78,393	1/4	70,446	1/4	62,498	1/4	46,603	1/4	38,656
1/2	1/2	94,122	1/2	78,227	1/2	70,280	1/2	62,333	1/2	46,438	1/2	38,490
3/4	3/4	93,957	3/4	78,062	3/4	70,114	3/4	62,167	3/4	46,272	3/4	38,325
8	8	93,791	8	77,896	8	69,949	8	62,001	8	46,107	8	38,159
1/4	1/4	93,625	1/4	77,731	1/4	69,783	1/4	61,836	1/4	45,941	1/4	37,994
1/2	1/2	93,460	1/2	77,565	1/2	69,618	1/2	61,670	1/2	45,775	1/2	37,828
3/4	3/4	93,294	3/4	77,399	3/4	69,452	3/4	61,505	3/4	45,610	3/4	37,663
9	9	93,129	9	77,234	9	69,287	9	61,339	9	45,444	9	37,497
1/4	1/4	92,963	1/4	77,068	1/4	69,121	1/4	61,174	1/4	45,279	1/4	37,331
1/2	1/2	92,798	1/2	76,903	1/2	68,955	1/2	61,008	1/2	45,113	1/2	37,166
3/4	3/4	92,632	3/4	76,737	3/4	68,790	3/4	60,842	3/4	44,948	3/4	37,000
10	10	92,466	10	76,572	10	68,624	10	60,677	10	44,782	10	36,835
1/4	1/4	92,301	1/4	76,406	1/4	68,459	1/4	60,511	1/4	44,617	1/4	36,669
1/2	1/2	92,135	1/2	76,240	1/2	68,293	1/2	60,346	1/2	44,451	1/2	36,504
3/4	3/4	91,970	3/4	76,075	3/4	68,128	3/4	60,180	3/4	44,285	3/4	36,338
11	11	91,804	11	75,909	11	67,962	11	60,015	11	44,120	11	36,172
1/4	1/4	91,639	1/4	75,744	1/4	67,796	1/4	59,849	1/4	43,954	1/4	36,007
1/2	1/2	91,473	1/2	75,578	1/2	67,631	1/2	59,683	1/2	43,789	1/2	35,841
3/4	3/4	91,307	3/4	75,413	3/4	67,465	3/4	59,518	3/4	43,623	3/4	35,676

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" CLOSED GAUGING DEVICE.  
NOTE: GAUGE POINT LOCATED 11'-0" OFF CENTERLINE AND 26'-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.

CERTIFIED TANK CALIBRATION, INC.

DATE STRAPPED: 4/27/05 BY: DS-DR  
DATE COMPUTED: 4/28/05 BY: DR  
DATE ISSUED: 4/28/05

*Dick A. Roen*

**BARGE "C-180"**

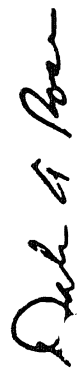
**2 STBD  
ULLAGE TABLE**

13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		20 FT.		21 FT.		22 FT.	
IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	27,563	1/4	19,615	1/4	11,668	1/4	3,728	1/4	1,502	1/4	1,450	1/4	1,337	1/4	1,232	1/4	1,137	1/4	1,046
1/2	27,232	1/2	19,284	1/2	11,337	1/2	3,398	1/2	1,171	1/2	1,119	1/2	1,006	1/2	894	1/2	799	1/2	714
3/4	27,066	3/4	19,119	3/4	11,171	3/4	3,234	3/4	1,006	3/4	954	3/4	841	3/4	736	3/4	641	3/4	556
1	26,900	1	18,953	1	11,006	1	3,069	1	894	1	842	1	729	1	624	1	529	1	444
1/4	26,735	1/4	18,787	1/4	10,840	1/4	2,904	1/4	782	1/4	730	1/4	617	1/4	512	1/4	417	1/4	332
1/2	26,569	1/2	18,622	1/2	10,675	1/2	2,739	1/2	669	1/2	617	1/2	504	1/2	409	1/2	314	1/2	229
3/4	26,404	3/4	18,456	3/4	10,509	3/4	2,574	3/4	556	3/4	504	3/4	392	3/4	297	3/4	202	3/4	117
1	26,238	1	18,291	1	10,343	1	2,409	1	444	1	392	1	280	1	185	1	87	1	2
1/4	26,073	1/4	18,125	1/4	10,178	1/4	2,244	1/4	332	1/4	280	1/4	167	1/4	72	1/4	2	1/4	1/4
1/2	25,907	1/2	17,960	1/2	10,012	1/2	2,079	1/2	220	1/2	167	1/2	56	1/2	2	1/2	1/2	1/2	1/2
3/4	25,741	3/4	17,794	3/4	9,847	3/4	1,914	3/4	108	3/4	56	3/4	44	3/4	3/4	3/4	3/4	3/4	3/4
1	25,576	1	17,628	1	9,681	1	1,749	1	96	1	44	1	32	1	3/4	3/4	3/4	3/4	3/4
1/4	25,410	1/4	17,463	1/4	9,516	1/4	1,584	1/4	84	1/4	32	1/4	20	1/4	3/4	3/4	3/4	3/4	3/4
1/2	25,245	1/2	17,297	1/2	9,350	1/2	1,419	1/2	72	1/2	20	1/2	8	1/2	3/4	3/4	3/4	3/4	3/4
3/4	25,079	3/4	17,132	3/4	9,184	3/4	1,254	3/4	60	3/4	8	3/4	6	3/4	3/4	3/4	3/4	3/4	3/4
1	24,914	1	16,966	1	9,019	1	1,089	1	48	1	6	1	4	1	3/4	3/4	3/4	3/4	3/4
1/4	24,748	1/4	16,801	1/4	8,853	1/4	1,013	1/4	36	1/4	4	1/4	2	1/4	3/4	3/4	3/4	3/4	3/4
1/2	24,582	1/2	16,635	1/2	8,688	1/2	897	1/2	24	1/2	2	1/2	1	1/2	3/4	3/4	3/4	3/4	3/4
3/4	24,417	3/4	16,469	3/4	8,522	3/4	781	3/4	12	3/4	1	3/4	1/2	3/4	3/4	3/4	3/4	3/4	3/4
1	24,251	1	16,304	1	8,357	1	665	1	6	1	1	1	1/2	3/4	3/4	3/4	3/4	3/4	3/4
1/4	24,086	1/4	16,138	1/4	8,191	1/4	566	1/4	4	1/4	1	1/4	1/2	3/4	3/4	3/4	3/4	3/4	3/4
1/2	23,920	1/2	15,973	1/2	8,025	1/2	483	1/2	2	1/2	1/2	1/2	1/2	3/4	3/4	3/4	3/4	3/4	3/4
3/4	23,755	3/4	15,807	3/4	7,860	3/4	400	3/4	1	3/4	1/2	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	23,589	1	15,642	1	7,694	1	316	1	1	1	1/2	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1/4	23,423	1/4	15,476	1/4	7,529	1/4	232	1/4	1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	23,258	1/2	15,311	1/2	7,363	1/2	148	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	23,092	3/4	15,145	3/4	7,198	3/4	64	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	22,927	1	14,979	1	7,032	1	4	1	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1/4	22,761	1/4	14,814	1/4	6,866	1/4	1	1/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1/2	22,596	1/2	14,648	1/2	6,701	1/2	1	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	22,430	3/4	14,483	3/4	6,535	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	3/4
1	22,264	1	14,317	1	6,370	1	1	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1/4	22,099	1/4	14,152	1/4	6,204	1/4	1	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1/2	21,933	1/2	13,986	1/2	6,039	1/2	1	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	21,768	3/4	13,820	3/4	5,873	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	3/4
1	21,602	1	13,655	1	5,707	1	1	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1/4	21,437	1/4	13,489	1/4	5,542	1/4	1	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1/2	21,271	1/2	13,324	1/2	5,377	1/2	1	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	21,105	3/4	13,158	3/4	5,212	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	3/4
1	20,940	1	12,993	1	5,047	1	1	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1/4	20,774	1/4	12,827	1/4	4,883	1/4	1	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1/2	20,609	1/2	12,661	1/2	4,718	1/2	1	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	20,443	3/4	12,496	3/4	4,553	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	3/4
1	20,278	1	12,330	1	4,388	1	1	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1/4	20,112	1/4	12,165	1/4	4,223	1/4	1	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1/2	19,946	1/2	11,999	1/2	4,058	1/2	1	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	19,781	3/4	11,834	3/4	3,893	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	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: 4/27/85 BY: DS-DR  
DATE COMPUTED: 4/28/85 BY: DR  
DATE ISSUED: 4/28/85

CERTIFIED TANK CALIBRATION, INC.



**BARGE "CBC 180"**

**3 PORT  
ULLAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS

3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	89,008	0	90,933	0	82,979	0	74,964	0	66,950	0	58,935	0	50,921	0	42,906	0	34,892	0
1/4	1/4	98,841	1/4	90,826	1/4	82,812	1/4	74,797	1/4	66,783	1/4	58,768	1/4	50,754	1/4	42,739	1/4	34,725	1/4
1/2	1/2	98,674	1/2	90,659	1/2	82,645	1/2	74,630	1/2	66,616	1/2	58,601	1/2	50,587	1/2	42,572	1/2	34,558	1/2
3/4	3/4	98,507	3/4	90,492	3/4	82,478	3/4	74,463	3/4	66,449	3/4	58,434	3/4	50,420	3/4	42,405	3/4	34,391	3/4
1	1	98,340	1	90,325	1	82,311	1	74,296	1	66,282	1	58,267	1	50,253	1	42,238	1	34,224	1
1/4	1/4	98,173	1/4	90,158	1/4	82,144	1/4	74,129	1/4	66,115	1/4	58,100	1/4	50,086	1/4	42,071	1/4	34,057	1/4
1/2	1/2	98,006	1/2	89,991	1/2	81,977	1/2	73,962	1/2	65,948	1/2	57,933	1/2	49,919	1/2	41,904	1/2	33,890	1/2
3/4	3/4	97,839	3/4	89,824	3/4	81,810	3/4	73,795	3/4	65,781	3/4	57,766	3/4	49,752	3/4	41,737	3/4	33,723	3/4
2	2	97,672	2	89,657	2	81,643	2	73,628	2	65,614	2	57,599	2	49,585	2	41,570	2	33,556	2
1/4	1/4	97,505	1/4	89,490	1/4	81,476	1/4	73,461	1/4	65,447	1/4	57,432	1/4	49,418	1/4	41,403	1/4	33,389	1/4
1/2	1/2	97,338	1/2	89,324	1/2	81,309	1/2	73,294	1/2	65,280	1/2	57,265	1/2	49,251	1/2	41,236	1/2	33,222	1/2
3/4	3/4	97,171	3/4	89,157	3/4	81,142	3/4	73,128	3/4	65,113	3/4	57,099	3/4	49,084	3/4	41,069	3/4	33,055	3/4
3	3	97,004	3	88,990	3	80,975	3	72,961	3	64,946	3	56,932	3	48,917	3	40,903	3	32,888	3
1/4	1/4	96,837	1/4	88,823	1/4	80,808	1/4	72,794	1/4	64,779	1/4	56,765	1/4	48,750	1/4	40,736	1/4	32,721	1/4
1/2	1/2	96,670	1/2	88,656	1/2	80,641	1/2	72,627	1/2	64,612	1/2	56,598	1/2	48,583	1/2	40,569	1/2	32,554	1/2
3/4	3/4	96,503	3/4	88,489	3/4	80,474	3/4	72,460	3/4	64,445	3/4	56,431	3/4	48,416	3/4	40,402	3/4	32,387	3/4
4	4	96,336	4	88,322	4	80,307	4	72,293	4	64,278	4	56,264	4	48,249	4	40,235	4	32,220	4
1/4	1/4	96,169	1/4	88,155	1/4	80,140	1/4	72,126	1/4	64,111	1/4	56,097	1/4	48,082	1/4	40,068	1/4	32,053	1/4
1/2	1/2	96,002	1/2	87,988	1/2	79,973	1/2	71,959	1/2	63,944	1/2	55,930	1/2	47,915	1/2	39,901	1/2	31,886	1/2
3/4	3/4	95,835	3/4	87,821	3/4	79,806	3/4	71,792	3/4	63,777	3/4	55,763	3/4	47,748	3/4	39,734	3/4	31,719	3/4
5	5	95,668	5	87,654	5	79,639	5	71,625	5	63,610	5	55,596	5	47,581	5	39,567	5	31,552	5
1/4	1/4	95,501	1/4	87,487	1/4	79,472	1/4	71,458	1/4	63,443	1/4	55,429	1/4	47,414	1/4	39,400	1/4	31,385	1/4
1/2	1/2	95,334	1/2	87,320	1/2	79,305	1/2	71,291	1/2	63,276	1/2	55,262	1/2	47,247	1/2	39,233	1/2	31,218	1/2
3/4	3/4	95,167	3/4	87,153	3/4	79,138	3/4	71,124	3/4	63,109	3/4	55,095	3/4	47,080	3/4	39,066	3/4	31,051	3/4
6	6	95,000	6	86,986	6	78,971	6	70,957	6	62,942	6	54,928	6	46,913	6	38,899	6	30,884	6
1/4	1/4	94,833	1/4	86,819	1/4	78,804	1/4	70,790	1/4	62,775	1/4	54,761	1/4	46,746	1/4	38,732	1/4	30,717	1/4
1/2	1/2	94,667	1/2	86,652	1/2	78,637	1/2	70,623	1/2	62,608	1/2	54,594	1/2	46,579	1/2	38,565	1/2	30,550	1/2
3/4	3/4	94,500	3/4	86,485	3/4	78,471	3/4	70,456	3/4	62,442	3/4	54,427	3/4	46,412	3/4	38,398	3/4	30,383	3/4
7	7	94,333	7	86,318	7	78,304	7	70,289	7	62,275	7	54,260	7	46,246	7	38,231	7	30,217	7
1/4	1/4	94,166	1/4	86,151	1/4	78,137	1/4	70,122	1/4	62,108	1/4	54,093	1/4	46,079	1/4	38,064	1/4	30,050	1/4
1/2	1/2	94,000	1/2	85,984	1/2	77,970	1/2	69,955	1/2	61,941	1/2	53,926	1/2	45,912	1/2	37,897	1/2	29,883	1/2
3/4	3/4	93,832	3/4	85,817	3/4	77,803	3/4	69,788	3/4	61,774	3/4	53,759	3/4	45,745	3/4	37,730	3/4	29,716	3/4
8	8	93,665	8	85,650	8	77,636	8	69,621	8	61,607	8	53,592	8	45,578	8	37,563	8	29,549	8
1/4	1/4	93,498	1/4	85,483	1/4	77,469	1/4	69,454	1/4	61,440	1/4	53,425	1/4	45,411	1/4	37,396	1/4	29,382	1/4
1/2	1/2	93,331	1/2	85,316	1/2	77,302	1/2	69,287	1/2	61,273	1/2	53,258	1/2	45,244	1/2	37,229	1/2	29,215	1/2
3/4	3/4	93,164	3/4	85,149	3/4	77,135	3/4	69,120	3/4	61,106	3/4	53,091	3/4	45,077	3/4	37,062	3/4	29,048	3/4
9	9	92,997	9	84,982	9	76,968	9	68,953	9	60,939	9	52,924	9	44,910	9	36,895	9	28,881	9
1/4	1/4	92,830	1/4	84,815	1/4	76,801	1/4	68,786	1/4	60,772	1/4	52,757	1/4	44,743	1/4	36,728	1/4	28,714	1/4
1/2	1/2	92,663	1/2	84,648	1/2	76,634	1/2	68,619	1/2	60,605	1/2	52,590	1/2	44,576	1/2	36,561	1/2	28,547	1/2
3/4	3/4	92,496	3/4	84,481	3/4	76,467	3/4	68,452	3/4	60,438	3/4	52,423	3/4	44,409	3/4	36,394	3/4	28,380	3/4
10	10	92,329	10	84,314	10	76,300	10	68,285	10	60,271	10	52,256	10	44,242	10	36,227	10	28,213	10
1/4	1/4	92,162	1/4	84,147	1/4	76,133	1/4	68,118	1/4	60,104	1/4	52,089	1/4	44,075	1/4	36,060	1/4	28,046	1/4
1/2	1/2	92,000	1/2	83,981	1/2	75,966	1/2	67,951	1/2	59,937	1/2	51,922	1/2	43,908	1/2	35,893	1/2	27,879	1/2
3/4	3/4	91,834	3/4	83,814	3/4	75,799	3/4	67,785	3/4	59,770	3/4	51,756	3/4	43,741	3/4	35,726	3/4	27,712	3/4
11	11	91,667	11	83,647	11	75,632	11	67,618	11	59,603	11	51,589	11	43,574	11	35,560	11	27,545	11
1/4	1/4	91,500	1/4	83,480	1/4	75,465	1/4	67,451	1/4	59,436	1/4	51,422	1/4	43,407	1/4	35,393	1/4	27,378	1/4
1/2	1/2	91,332	1/2	83,313	1/2	75,298	1/2	67,284	1/2	59,269	1/2	51,255	1/2	43,240	1/2	35,226	1/2	27,211	1/2
3/4	3/4	91,165	3/4	83,146	3/4	75,131	3/4	67,117	3/4	59,102	3/4	51,088	3/4	43,073	3/4	35,059	3/4	27,044	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 "MIMC" CLOSED GAUGING DEVICE.  
NOTE: GAUGE POINT LOCATED 13'-4" OFF CENTERLINE AND 25'-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.

CERTIFIED TANK CALIBRATION, INC.

DATE STRAPPED: 4/28/05 BY: DS-DR  
DATE COMPUTED: 4/28/05 BY: DR  
DATE ISSUED: 4/28/05

*Debra A. Rose*

**BARGE "CL-180"**

**3 PORT ULLAGE TABLE**

GAUGE HEIGHT 16'-3 7/8"

13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		20 FT.		21 FT.		22 FT.	
IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W	IN	W
0	26.877	0	18.863	0	10.848	0	2.845	0	0	0	0	0	0	0	0	0	0	0	0
1/4	26.710	1/4	18.696	1/4	10.681	1/4	2.679	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	26.543	1/2	18.529	1/2	10.514	1/2	2.512	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	26.376	3/4	18.362	3/4	10.347	3/4	2.346	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	26.209	1	18.195	1	10.180	1	2.180	1	1	1	1	1	1	1	1	1	1	1	1
1/4	26.042	1/4	18.028	1/4	10.013	1/4	2.013	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	25.875	1/2	17.861	1/2	9.846	1/2	1.847	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	25.708	3/4	17.694	3/4	9.679	3/4	1.685	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	25.541	2	17.527	2	9.512	2	1.531	2	2	2	2	2	2	2	2	2	2	2	2
1/4	25.374	1/4	17.360	1/4	9.345	1/4	1.380	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	25.207	1/2	17.193	1/2	9.178	1/2	1.230	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	25.040	3/4	17.026	3/4	9.011	3/4	1.088	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	24.874	3	16.859	3	8.844	3	963	3	3	3	3	3	3	3	3	3	3	3	3
1/4	24.707	1/4	16.692	1/4	8.678	1/4	846	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	24.540	1/2	16.525	1/2	8.511	1/2	729	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	24.373	3/4	16.358	3/4	8.344	3/4	621	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	24.206	4	16.191	4	8.177	4	570	4	4	4	4	4	4	4	4	4	4	4	4
1/4	24.039	1/4	16.024	1/4	8.010	1/4	453	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	23.872	1/2	15.857	1/2	7.843	1/2	336	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	23.705	3/4	15.690	3/4	7.676	3/4	219	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	23.538	5	15.523	5	7.509	5	102	5	5	5	5	5	5	5	5	5	5	5	5
1/4	23.371	1/4	15.356	1/4	7.342	1/4	90	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	23.204	1/2	15.189	1/2	7.175	1/2	72	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	23.037	3/4	15.022	3/4	7.008	3/4	54	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	22.870	6	14.855	6	6.841	6	36	6	6	6	6	6	6	6	6	6	6	6	6
1/4	22.703	1/4	14.688	1/4	6.674	1/4	18	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	22.536	1/2	14.521	1/2	6.507	1/2	0	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	22.369	3/4	14.354	3/4	6.340	3/4	0	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	22.202	7	14.187	7	6.173	7	0	7	7	7	7	7	7	7	7	7	7	7	7
1/4	22.035	1/4	14.020	1/4	6.006	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	21.868	1/2	13.854	1/2	5.839	1/2	0	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	21.701	3/4	13.687	3/4	5.672	3/4	0	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	21.534	8	13.520	8	5.506	8	0	8	8	8	8	8	8	8	8	8	8	8	8
1/4	21.367	1/4	13.353	1/4	5.339	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	21.200	1/2	13.186	1/2	5.173	1/2	0	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	21.033	3/4	13.019	3/4	5.007	3/4	0	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	20.866	9	12.852	9	4.841	9	0	9	9	9	9	9	9	9	9	9	9	9	9
1/4	20.699	1/4	12.685	1/4	4.674	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	20.532	1/2	12.518	1/2	4.508	1/2	0	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	20.365	3/4	12.351	3/4	4.342	3/4	0	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	20.198	10	12.184	10	4.175	10	0	10	10	10	10	10	10	10	10	10	10	10	10
1/4	20.031	1/4	12.017	1/4	4.009	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	19.864	1/2	11.850	1/2	3.843	1/2	0	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	19.697	3/4	11.683	3/4	3.676	3/4	0	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	19.531	11	11.516	11	3.510	11	0	11	11	11	11	11	11	11	11	11	11	11	11
1/4	19.364	1/4	11.349	1/4	3.344	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	19.197	1/2	11.182	1/2	3.178	1/2	0	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	19.030	3/4	11.015	3/4	3.011	3/4	0	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.

CERTIFIED TANK CALIBRATION, INC.

*Paul A. Brown*

DATE STRAPPED: 4/27/85 BY: DS-DR  
DATE COMPUTED: 4/28/85 BY: DR  
DATE ISSUED: 4/28/85

**BARGE "ABC 180"**

**3 STBD  
ULLAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS		GAUGE HEIGHT 16'-4"																
IN	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	10 FT.	11 FT.	12 FT.	IN	IN	IN					
0	0	98,654	0	90,647	0	82,641	0	74,635	0	66,629	0	58,623	0	50,617	0	42,611	0	34,605
1/4	1/4	98,487	1/4	90,481	1/4	82,475	1/4	74,468	1/4	66,462	1/4	58,456	1/4	50,450	1/4	42,444	1/4	34,438
1/2	1/2	98,320	1/2	90,314	1/2	82,308	1/2	74,302	1/2	66,296	1/2	58,289	1/2	50,283	1/2	42,277	1/2	34,271
3/4	3/4	98,153	3/4	90,147	3/4	82,141	3/4	74,135	3/4	66,129	3/4	58,123	3/4	50,117	3/4	42,111	3/4	34,104
1	1	97,986	1	89,980	1	81,974	1	73,968	1	65,962	1	57,956	1	49,950	1	41,944	1	33,938
1/4	1/4	97,820	1/4	89,813	1/4	81,807	1/4	73,801	1/4	65,795	1/4	57,789	1/4	49,783	1/4	41,777	1/4	33,771
1/2	1/2	97,653	1/2	89,647	1/2	81,641	1/2	73,634	1/2	65,628	1/2	57,622	1/2	49,616	1/2	41,610	1/2	33,604
3/4	3/4	97,486	3/4	89,480	3/4	81,474	3/4	73,468	3/4	65,462	3/4	57,456	3/4	49,449	3/4	41,443	3/4	33,437
2	2	97,319	2	89,313	2	81,307	2	73,301	2	65,295	2	57,289	2	49,283	2	41,277	2	33,270
1/4	1/4	97,152	1/4	89,146	1/4	81,140	1/4	73,134	1/4	65,128	1/4	57,122	1/4	49,116	1/4	41,110	1/4	33,104
1/2	1/2	96,986	1/2	88,979	1/2	80,973	1/2	72,967	1/2	64,961	1/2	56,955	1/2	48,949	1/2	40,943	1/2	32,937
3/4	3/4	96,819	3/4	88,813	3/4	80,807	3/4	72,801	3/4	64,794	3/4	56,788	3/4	48,782	3/4	40,776	3/4	32,770
3	3	96,652	3	88,646	3	80,640	3	72,634	3	64,628	3	56,622	3	48,615	3	40,609	3	32,603
1/4	1/4	96,485	1/4	88,479	1/4	80,473	1/4	72,467	1/4	64,461	1/4	56,455	1/4	48,449	1/4	40,443	1/4	32,436
1/2	1/2	96,318	1/2	88,312	1/2	80,306	1/2	72,300	1/2	64,294	1/2	56,288	1/2	48,282	1/2	40,276	1/2	32,270
3/4	3/4	96,152	3/4	88,146	3/4	80,139	3/4	72,133	3/4	64,127	3/4	56,121	3/4	48,115	3/4	40,109	3/4	32,103
4	4	95,985	4	87,979	4	79,973	4	71,967	4	63,960	4	55,954	4	47,948	4	39,942	4	31,936
1/4	1/4	95,818	1/4	87,812	1/4	79,806	1/4	71,800	1/4	63,794	1/4	55,788	1/4	47,781	1/4	39,775	1/4	31,769
1/2	1/2	95,651	1/2	87,645	1/2	79,639	1/2	71,633	1/2	63,627	1/2	55,621	1/2	47,615	1/2	39,609	1/2	31,603
3/4	3/4	95,484	3/4	87,478	3/4	79,472	3/4	71,466	3/4	63,460	3/4	55,454	3/4	47,448	3/4	39,442	3/4	31,436
5	5	95,318	5	87,312	5	79,305	5	71,299	5	63,293	5	55,287	5	47,281	5	39,275	5	31,269
1/4	1/4	95,151	1/4	87,145	1/4	79,139	1/4	71,133	1/4	63,126	1/4	55,120	1/4	47,114	1/4	39,108	1/4	31,102
1/2	1/2	94,984	1/2	86,978	1/2	78,972	1/2	70,966	1/2	62,960	1/2	54,954	1/2	46,948	1/2	38,941	1/2	30,935
3/4	3/4	94,817	3/4	86,811	3/4	78,805	3/4	70,799	3/4	62,793	3/4	54,787	3/4	46,781	3/4	38,775	3/4	30,769
6	6	94,650	6	86,644	6	78,638	6	70,632	6	62,626	6	54,620	6	46,614	6	38,608	6	30,602
1/4	1/4	94,484	1/4	86,478	1/4	78,471	1/4	70,465	1/4	62,459	1/4	54,453	1/4	46,447	1/4	38,441	1/4	30,435
1/2	1/2	94,317	1/2	86,311	1/2	78,305	1/2	70,299	1/2	62,293	1/2	54,286	1/2	46,280	1/2	38,274	1/2	30,268
3/4	3/4	94,150	3/4	86,144	3/4	78,138	3/4	70,132	3/4	62,126	3/4	54,120	3/4	46,114	3/4	38,107	3/4	30,101
7	7	93,983	7	85,977	7	77,971	7	69,965	7	61,959	7	53,953	7	45,947	7	37,941	7	29,935
1/4	1/4	93,816	1/4	85,810	1/4	77,804	1/4	69,798	1/4	61,792	1/4	53,786	1/4	45,780	1/4	37,774	1/4	29,768
1/2	1/2	93,650	1/2	85,644	1/2	77,638	1/2	69,631	1/2	61,625	1/2	53,619	1/2	45,613	1/2	37,607	1/2	29,601
3/4	3/4	93,483	3/4	85,477	3/4	77,471	3/4	69,465	3/4	61,459	3/4	53,452	3/4	45,446	3/4	37,440	3/4	29,434
8	8	93,316	8	85,310	8	77,304	8	69,298	8	61,292	8	53,286	8	45,280	8	37,273	8	29,267
1/4	1/4	93,149	1/4	85,143	1/4	77,137	1/4	69,131	1/4	61,125	1/4	53,119	1/4	45,113	1/4	37,107	1/4	29,101
1/2	1/2	92,983	1/2	84,976	1/2	76,970	1/2	68,964	1/2	60,958	1/2	52,952	1/2	44,946	1/2	36,940	1/2	28,934
3/4	3/4	92,816	3/4	84,810	3/4	76,804	3/4	68,797	3/4	60,791	3/4	52,785	3/4	44,779	3/4	36,773	3/4	28,767
9	9	92,650	9	84,643	9	76,637	9	68,631	9	60,625	9	52,618	9	44,612	9	36,606	9	28,600
1/4	1/4	92,482	1/4	84,476	1/4	76,470	1/4	68,464	1/4	60,458	1/4	52,452	1/4	44,446	1/4	36,440	1/4	28,433
1/2	1/2	92,315	1/2	84,309	1/2	76,303	1/2	68,297	1/2	60,291	1/2	52,285	1/2	44,279	1/2	36,273	1/2	28,267
3/4	3/4	92,148	3/4	84,142	3/4	76,136	3/4	68,130	3/4	60,124	3/4	52,118	3/4	44,112	3/4	36,106	3/4	28,100
10	10	91,982	10	83,976	10	75,970	10	67,963	10	59,957	10	51,951	10	43,945	10	35,939	10	27,933
1/4	1/4	91,815	1/4	83,809	1/4	75,803	1/4	67,797	1/4	59,791	1/4	51,785	1/4	43,778	1/4	35,772	1/4	27,766
1/2	1/2	91,648	1/2	83,642	1/2	75,636	1/2	67,630	1/2	59,624	1/2	51,618	1/2	43,612	1/2	35,606	1/2	27,599
3/4	3/4	91,481	3/4	83,475	3/4	75,469	3/4	67,463	3/4	59,457	3/4	51,451	3/4	43,445	3/4	35,439	3/4	27,433
11	11	91,315	11	83,308	11	75,302	11	67,296	11	59,290	11	51,284	11	43,278	11	35,272	11	27,266
1/4	1/4	91,148	1/4	83,142	1/4	75,136	1/4	67,130	1/4	59,124	1/4	51,117	1/4	43,111	1/4	35,105	1/4	27,099
1/2	1/2	90,981	1/2	82,975	1/2	74,969	1/2	66,963	1/2	58,957	1/2	50,951	1/2	42,944	1/2	34,938	1/2	26,932
3/4	3/4	90,814	3/4	82,808	3/4	74,802	3/4	66,796	3/4	58,790	3/4	50,784	3/4	42,778	3/4	34,772	3/4	26,766

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" CLOSED GAUGING DEVICE.  
NOTE: GAUGE POINT LOCATED 11'-0" OFF CENTERLINE AND 26'-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.

CERTIFIED TANK CALIBRATION, INC.

DATE STRAPPED: 4/27/05 BY: DS-DR  
DATE COMPUTED: 4/28/05 BY: DR  
DATE ISSUED: 4/28/05

*Dick A. Brown*

BARGE "CB 180"

3 STBD  
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS		GAUGE HEIGHT 16'-4"															
		13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.	20 FT.	21 FT.	22 FT.						
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	0	18,593	0	10,587	0	2,593	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	18,426	1/4	10,420	1/4	2,427	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	18,259	1/2	10,253	1/2	2,251	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	18,092	3/4	10,086	3/4	2,094	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	17,925	1	9,919	1	1,928	1	1	1	1	1	1	1	1	1	1	1
1/4	1/4	17,759	1/4	9,753	1/4	1,762	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	17,592	1/2	9,586	1/2	1,604	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	17,425	3/4	9,419	3/4	1,454	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	17,258	2	9,252	2	1,304	2	2	2	2	2	2	2	2	2	2	2
1/4	1/4	17,091	1/4	9,085	1/4	1,154	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	16,925	1/2	8,919	1/2	1,020	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	16,758	3/4	8,752	3/4	903	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	16,591	3	8,585	3	787	3	3	3	3	3	3	3	3	3	3	3
1/4	1/4	16,424	1/4	8,418	1/4	670	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	16,258	1/2	8,251	1/2	570	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	16,091	3/4	8,085	3/4	487	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	15,924	4	7,918	4	403	4	4	4	4	4	4	4	4	4	4	4
1/4	1/4	15,757	1/4	7,751	1/4	319	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	15,590	1/2	7,584	1/2	240	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	15,424	3/4	7,417	3/4	166	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	15,257	5	7,251	5	92	5	5	5	5	5	5	5	5	5	5	5
1/4	1/4	15,090	1/4	7,084	1/4	14	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	14,923	1/2	6,917	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	14,756	3/4	6,750	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	14,590	6	6,583	6	0	6	6	6	6	6	6	6	6	6	6	6
1/4	1/4	14,423	1/4	6,417	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	14,256	1/2	6,250	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	14,089	3/4	6,083	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	13,922	7	5,916	7	0	7	7	7	7	7	7	7	7	7	7	7
1/4	1/4	13,756	1/4	5,750	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	13,589	1/2	5,583	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	13,422	3/4	5,417	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	13,255	8	5,251	8	0	8	8	8	8	8	8	8	8	8	8	8
1/4	1/4	13,088	1/4	5,085	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	12,922	1/2	4,919	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	12,755	3/4	4,752	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	12,588	9	4,586	9	0	9	9	9	9	9	9	9	9	9	9	9
1/4	1/4	12,421	1/4	4,420	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	12,254	1/2	4,254	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	12,088	3/4	4,088	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	11,921	10	3,922	10	0	10	10	10	10	10	10	10	10	10	10	10
1/4	1/4	11,754	1/4	3,756	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	11,587	1/2	3,590	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	11,420	3/4	3,423	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11,254	11	3,257	11	0	11	11	11	11	11	11	11	11	11	11	11
1/4	1/4	11,087	1/4	3,091	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	10,920	1/2	2,925	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	10,753	3/4	2,759	3/4	0	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: 4/27/05 BY: DS-DR  
DATE COMPUTED: 4/28/05 BY: DR  
DATE ISSUED: 4/28/05

CERTIFIED TANK CALIBRATION, INC.

*Dick A. Poon*

**BARGE "CBC 180"**

**TANK NO. 4**  
**ULLAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-9 7/8"

	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	10 FT.	11 FT.	12 FT.			
0	203,553	0	187,470	0	171,386	0	139,219	0	107,052	0	90,968	0	74,884
1/4	203,218	1/4	187,135	1/4	171,051	1/4	138,884	1/4	106,717	1/4	90,638	1/4	74,849
1/2	202,883	1/2	186,800	1/2	170,716	1/2	138,549	1/2	106,381	1/2	90,303	1/2	74,810
3/4	202,548	3/4	186,464	3/4	170,381	3/4	138,214	3/4	106,046	3/4	89,963	3/4	73,879
1	202,213	1	186,129	1	170,046	1	137,879	1	105,711	1	89,628	1	73,544
1/4	201,878	1/4	185,794	1/4	169,711	1/4	137,543	1/4	105,376	1/4	89,293	1/4	73,209
1/2	201,543	1/2	185,459	1/2	169,376	1/2	137,208	1/2	105,041	1/2	88,958	1/2	72,874
3/4	201,208	3/4	185,124	3/4	169,041	3/4	136,873	3/4	104,706	3/4	88,623	3/4	72,539
2	200,873	2	184,789	2	168,705	2	136,538	2	104,371	2	88,287	2	72,204
1/4	200,538	1/4	184,454	1/4	168,370	1/4	136,203	1/4	104,036	1/4	87,952	1/4	71,869
1/2	200,203	1/2	184,119	1/2	168,035	1/2	135,868	1/2	103,701	1/2	87,617	1/2	71,534
3/4	199,867	3/4	183,784	3/4	167,700	3/4	135,533	3/4	103,366	3/4	87,282	3/4	71,199
3	199,532	3	183,449	3	167,365	3	135,198	3	103,031	3	86,947	3	70,864
1/4	199,197	1/4	183,114	1/4	167,030	1/4	134,863	1/4	102,696	1/4	86,612	1/4	70,528
1/2	198,862	1/2	182,779	1/2	166,695	1/2	134,528	1/2	102,361	1/2	86,277	1/2	70,193
3/4	198,527	3/4	182,444	3/4	166,360	3/4	134,193	3/4	102,026	3/4	85,942	3/4	69,858
4	198,192	4	182,108	4	166,025	4	133,858	4	101,690	4	85,607	4	69,523
1/4	197,857	1/4	181,773	1/4	165,690	1/4	133,523	1/4	101,355	1/4	85,272	1/4	69,188
1/2	197,522	1/2	181,438	1/2	165,355	1/2	133,187	1/2	101,020	1/2	84,937	1/2	68,853
3/4	197,187	3/4	181,103	3/4	165,020	3/4	132,852	3/4	100,685	3/4	84,602	3/4	68,518
5	196,852	5	180,768	5	164,685	5	132,517	5	100,350	5	84,267	5	68,183
1/4	196,517	1/4	180,433	1/4	164,349	1/4	132,182	1/4	100,015	1/4	83,931	1/4	67,848
1/2	196,182	1/2	180,098	1/2	164,014	1/2	131,847	1/2	99,680	1/2	83,596	1/2	67,513
3/4	195,847	3/4	179,763	3/4	163,679	3/4	131,512	3/4	99,345	3/4	83,261	3/4	67,178
6	195,511	6	179,428	6	163,344	6	131,177	6	99,010	6	82,926	6	66,843
1/4	195,176	1/4	179,093	1/4	163,009	1/4	130,842	1/4	98,675	1/4	82,591	1/4	66,508
1/2	194,841	1/2	178,758	1/2	162,674	1/2	130,507	1/2	98,340	1/2	82,256	1/2	66,172
3/4	194,506	3/4	178,423	3/4	162,339	3/4	130,172	3/4	98,005	3/4	81,921	3/4	65,837
7	194,171	7	178,088	7	162,004	7	129,837	7	97,670	7	81,586	7	65,502
1/4	193,836	1/4	177,752	1/4	161,669	1/4	129,502	1/4	97,334	1/4	81,251	1/4	65,167
1/2	193,501	1/2	177,417	1/2	161,334	1/2	129,167	1/2	96,999	1/2	80,916	1/2	64,832
3/4	193,166	3/4	177,082	3/4	160,999	3/4	128,832	3/4	96,664	3/4	80,581	3/4	64,497
8	192,831	8	176,747	8	160,664	8	128,496	8	96,329	8	80,246	8	64,162
1/4	192,496	1/4	176,412	1/4	160,329	1/4	128,161	1/4	95,994	1/4	79,911	1/4	63,827
1/2	192,161	1/2	176,077	1/2	159,994	1/2	127,826	1/2	95,659	1/2	79,575	1/2	63,492
3/4	191,826	3/4	175,742	3/4	159,658	3/4	127,491	3/4	95,324	3/4	79,240	3/4	63,157
9	191,491	9	175,407	9	159,323	9	127,156	9	94,989	9	78,905	9	62,822
1/4	191,156	1/4	175,072	1/4	158,988	1/4	126,821	1/4	94,654	1/4	78,570	1/4	62,487
1/2	190,821	1/2	174,737	1/2	158,653	1/2	126,486	1/2	94,319	1/2	78,235	1/2	62,152
3/4	190,486	3/4	174,402	3/4	158,318	3/4	126,151	3/4	93,984	3/4	77,900	3/4	61,816
10	190,151	10	174,067	10	157,983	10	125,816	10	93,649	10	77,565	10	61,481
1/4	189,816	1/4	173,732	1/4	157,648	1/4	125,481	1/4	93,314	1/4	77,230	1/4	61,146
1/2	189,481	1/2	173,397	1/2	157,313	1/2	125,146	1/2	92,978	1/2	76,895	1/2	60,811
3/4	189,146	3/4	173,062	3/4	156,978	3/4	124,811	3/4	92,643	3/4	76,560	3/4	60,476
11	188,811	11	172,727	11	156,643	11	124,476	11	92,308	11	76,225	11	60,141
1/4	188,476	1/4	172,392	1/4	156,308	1/4	124,141	1/4	91,973	1/4	75,890	1/4	59,806
1/2	188,141	1/2	172,057	1/2	155,973	1/2	123,805	1/2	91,638	1/2	75,555	1/2	59,471
3/4	187,806	3/4	171,722	3/4	155,638	3/4	123,470	3/4	91,303	3/4	75,219	3/4	59,136

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NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
NOTE: CAPACITY TABLE APPLIES ONLY TO ULLAGE GAUGES OBTAINED WITH "MMC" CLOSED GAUGING DEVICE.  
NOTE: GAUGE POINT LOCATED 1'-3" OFF CENTERLINE AND 23'-4" 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: 4/28/05 BY: DS-DR  
DATE COMPUTED: 4/28/05 BY: DR  
DATE ISSUED: 4/28/05

CERTIFIED TANK CALIBRATION, INC.



CAPACITIES GIVEN IN WHOLE GALLONS		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		20 FT.		21 FT.		22 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	58,801	0	42,717	0	26,634	0	10,552	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	58,466	1/4	42,382	1/4	26,299	1/4	10,217	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	58,131	1/2	42,047	1/2	25,963	1/2	9,883	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	57,796	3/4	41,712	3/4	25,628	3/4	9,548	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	57,461	1	41,377	1	25,293	1	9,214	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	57,125	1/4	41,042	1/4	24,958	1/4	8,880	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	56,790	1/2	40,707	1/2	24,623	1/2	8,545	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	56,455	3/4	40,372	3/4	24,288	3/4	8,211	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	56,120	2	40,037	2	23,953	2	7,876	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	55,785	1/4	39,702	1/4	23,618	1/4	7,542	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	55,450	1/2	39,366	1/2	23,283	1/2	7,208	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	55,115	3/4	39,031	3/4	22,948	3/4	6,873	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	54,780	3	38,696	3	22,613	3	6,539	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	54,445	1/4	38,361	1/4	22,278	1/4	6,204	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	54,110	1/2	38,026	1/2	21,943	1/2	5,870	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53,775	3/4	37,691	3/4	21,607	3/4	5,536	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	53,440	4	37,356	4	21,272	4	5,201	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	53,105	1/4	37,021	1/4	20,937	1/4	4,867	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	52,769	1/2	36,686	1/2	20,602	1/2	4,532	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	52,434	3/4	36,351	3/4	20,267	3/4	4,198	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	52,099	5	36,016	5	19,932	5	3,863	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	51,764	1/4	35,681	1/4	19,597	1/4	3,529	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	51,429	1/2	35,346	1/2	19,262	1/2	3,211	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	51,094	3/4	35,011	3/4	18,927	3/4	2,910	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	50,759	6	34,675	6	18,592	6	2,608	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	50,424	1/4	34,340	1/4	18,257	1/4	2,306	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	50,089	1/2	34,005	1/2	17,922	1/2	2,038	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	49,754	3/4	33,670	3/4	17,587	3/4	1,804	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	49,419	7	33,335	7	17,252	7	1,569	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	49,084	1/4	33,000	1/4	16,916	1/4	1,335	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	48,749	1/2	32,665	1/2	16,581	1/2	1,134	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	48,413	3/4	32,330	3/4	16,246	3/4	966	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	48,078	8	31,995	8	15,911	8	799	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	47,743	1/4	31,660	1/4	15,576	1/4	631	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	47,408	1/2	31,325	1/2	15,241	1/2	497	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	47,073	3/4	30,990	3/4	14,906	3/4	397	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	46,738	9	30,655	9	14,571	9	296	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	46,403	1/4	30,319	1/4	14,236	1/4	195	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	46,068	1/2	29,984	1/2	13,901	1/2	128	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	45,733	3/4	29,649	3/4	13,566	3/4	95	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	45,398	10	29,314	10	13,231	10	78	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	45,063	1/4	28,979	1/4	12,896	1/4	78	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	44,728	1/2	28,644	1/2	12,560	1/2	78	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	44,393	3/4	28,309	3/4	12,225	3/4	78	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	44,058	11	27,974	11	11,890	11	78	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	43,723	1/4	27,639	1/4	11,555	1/4	78	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	43,388	1/2	27,304	1/2	11,220	1/2	78	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	43,052	3/4	26,969	3/4	10,886	3/4	78	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: 4/27/85 BY: DS-DR  
DATE COMPUTED: 4/28/85 BY: DR  
DATE ISSUED: 4/28/85

CERTIFIED TANK CALIBRATION, INC.

*Dick A. Row*