

**BARGE "JC 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	12 FT.				
0	0	153.104	0	141.016	0	116.939	0	104.750	0	92.662	0	80.573	0	68.485	0	56.396
1/4	1/4	152.852	1/4	140.764	1/4	116.687	1/4	104.498	1/4	92.410	1/4	80.321	1/4	68.233	1/4	56.144
1/2	1/2	152.601	1/2	140.512	1/2	116.435	1/2	104.246	1/2	92.158	1/2	80.069	1/2	67.981	1/2	55.992
3/4	3/4	152.349	3/4	140.260	3/4	116.183	3/4	103.995	3/4	91.906	3/4	79.818	3/4	67.729	3/4	55.840
1	1	152.097	1	140.008	1	115.931	1	103.743	1	91.654	1	79.566	1	67.477	1	55.689
1/4	1/4	151.845	1/4	139.757	1/4	115.679	1/4	103.491	1/4	91.402	1/4	79.314	1/4	67.225	1/4	55.537
1/2	1/2	151.593	1/2	139.505	1/2	115.428	1/2	103.239	1/2	91.151	1/2	79.062	1/2	66.973	1/2	54.885
3/4	3/4	151.341	3/4	139.253	3/4	115.176	3/4	102.987	3/4	90.899	3/4	78.810	3/4	66.722	3/4	54.633
2	2	151.090	2	139.001	2	114.924	2	102.735	2	90.647	2	78.558	2	66.470	2	54.381
1/4	1/4	150.838	1/4	138.749	1/4	114.672	1/4	102.484	1/4	90.395	1/4	78.306	1/4	66.218	1/4	54.129
1/2	1/2	150.586	1/2	138.497	1/2	114.420	1/2	102.232	1/2	90.143	1/2	78.055	1/2	65.966	1/2	53.878
3/4	3/4	150.334	3/4	138.245	3/4	114.168	3/4	101.980	3/4	89.891	3/4	77.803	3/4	65.714	3/4	53.626
3	3	150.082	3	137.994	3	113.917	3	101.728	3	89.639	3	77.551	3	65.462	3	53.374
1/4	1/4	149.830	1/4	137.742	1/4	113.665	1/4	101.476	1/4	89.388	1/4	77.299	1/4	65.211	1/4	53.122
1/2	1/2	149.578	1/2	137.490	1/2	113.413	1/2	101.224	1/2	89.136	1/2	77.047	1/2	64.959	1/2	52.870
3/4	3/4	149.327	3/4	137.238	3/4	113.161	3/4	100.972	3/4	88.884	3/4	76.795	3/4	64.707	3/4	52.618
4	4	149.075	4	136.986	4	112.909	4	100.721	4	88.632	4	76.544	4	64.455	4	52.367
1/4	1/4	148.823	1/4	136.734	1/4	112.657	1/4	100.469	1/4	88.380	1/4	76.292	1/4	64.203	1/4	52.115
1/2	1/2	148.571	1/2	136.483	1/2	112.405	1/2	100.217	1/2	88.128	1/2	76.040	1/2	63.951	1/2	51.863
3/4	3/4	148.319	3/4	136.231	3/4	112.154	3/4	99.965	3/4	87.877	3/4	75.788	3/4	63.700	3/4	51.611
5	5	148.067	5	135.979	5	111.902	5	99.713	5	87.625	5	75.536	5	63.448	5	51.359
1/4	1/4	147.816	1/4	135.727	1/4	111.650	1/4	99.461	1/4	87.373	1/4	75.284	1/4	63.196	1/4	51.107
1/2	1/2	147.564	1/2	135.475	1/2	111.398	1/2	99.209	1/2	87.121	1/2	75.033	1/2	62.944	1/2	50.855
3/4	3/4	147.312	3/4	135.223	3/4	111.146	3/4	98.958	3/4	86.869	3/4	74.781	3/4	62.692	3/4	50.604
6	6	147.060	6	134.971	6	110.794	6	98.706	6	86.617	6	74.529	6	62.440	6	50.352
1/4	1/4	146.808	1/4	134.720	1/4	110.543	1/4	98.454	1/4	86.366	1/4	74.277	1/4	62.188	1/4	50.100
1/2	1/2	146.556	1/2	134.468	1/2	110.291	1/2	98.202	1/2	86.114	1/2	74.025	1/2	61.937	1/2	49.848
3/4	3/4	146.304	3/4	134.216	3/4	110.039	3/4	97.950	3/4	85.862	3/4	73.773	3/4	61.685	3/4	49.596
7	7	146.053	7	133.964	7	109.787	7	97.699	7	85.610	7	73.521	7	61.433	7	49.344
1/4	1/4	145.801	1/4	133.712	1/4	109.535	1/4	97.447	1/4	85.358	1/4	73.270	1/4	61.181	1/4	49.093
1/2	1/2	145.549	1/2	133.460	1/2	109.283	1/2	97.195	1/2	85.106	1/2	73.018	1/2	60.929	1/2	48.841
3/4	3/4	145.297	3/4	133.209	3/4	109.032	3/4	96.943	3/4	84.854	3/4	72.766	3/4	60.677	3/4	48.589
8	8	145.045	8	132.957	8	108.780	8	96.691	8	84.603	8	72.514	8	60.426	8	48.337
1/4	1/4	144.793	1/4	132.705	1/4	108.528	1/4	96.439	1/4	84.351	1/4	72.262	1/4	60.174	1/4	48.085
1/2	1/2	144.542	1/2	132.453	1/2	108.276	1/2	96.187	1/2	84.099	1/2	72.010	1/2	59.922	1/2	47.833
3/4	3/4	144.290	3/4	132.201	3/4	108.024	3/4	95.936	3/4	83.847	3/4	71.759	3/4	59.670	3/4	47.581
9	9	144.038	9	131.949	9	107.772	9	95.684	9	83.595	9	71.507	9	59.418	9	47.330
1/4	1/4	143.786	1/4	131.698	1/4	107.520	1/4	95.432	1/4	83.343	1/4	71.255	1/4	59.166	1/4	47.078
1/2	1/2	143.534	1/2	131.446	1/2	107.269	1/2	95.180	1/2	83.092	1/2	71.003	1/2	58.914	1/2	46.826
3/4	3/4	143.282	3/4	131.194	3/4	107.017	3/4	94.928	3/4	82.840	3/4	70.751	3/4	58.663	3/4	46.574
10	10	143.030	10	130.942	10	106.765	10	94.676	10	82.588	10	70.499	10	58.411	10	46.322
1/4	1/4	142.779	1/4	130.690	1/4	106.513	1/4	94.425	1/4	82.336	1/4	70.247	1/4	58.159	1/4	46.070
1/2	1/2	142.527	1/2	130.438	1/2	106.261	1/2	94.173	1/2	82.084	1/2	69.996	1/2	57.907	1/2	45.819
3/4	3/4	142.275	3/4	130.186	3/4	106.009	3/4	93.921	3/4	81.832	3/4	69.744	3/4	57.655	3/4	45.567
11	11	142.023	11	129.935	11	105.758	11	93.669	11	81.580	11	69.492	11	57.403	11	45.315
1/4	1/4	141.771	1/4	129.683	1/4	105.506	1/4	93.417	1/4	81.329	1/4	69.240	1/4	57.152	1/4	45.063
1/2	1/2	141.519	1/2	129.431	1/2	105.254	1/2	93.165	1/2	81.077	1/2	68.988	1/2	56.900	1/2	44.811
3/4	3/4	141.267	3/4	129.179	3/4	105.002	3/4	92.913	3/4	80.825	3/4	68.736	3/4	56.648	3/4	44.559

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 2'-0" OFF CENTERLINE AND 20'-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.

CERTIFIED TANK CALIBRATION, INC.

DATE STRAPPED: 4/27/95 BY: DS-DR  
 DATE COMPUTED: 4/28/95 BY: DR  
 DATE ISSUED: 4/28/95

*Dick A. Brown*

13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		20 FT.		21 FT.		22 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	44,307	0	32,219	0	20,130	0	8,044	0	0	0	0	0	0	0	0	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	1/4	1/4	1/4	1/4	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	1/2	1/2	1/2	1/2	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	3/4	3/4	3/4	3/4	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	1	1	1	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	1/4	1/4	1/4	1/4	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	1/2	1/2	1/2	1/2	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	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	42,293	2	30,204	2	18,116	2	6,039	2	2	2	2	2	2	2	2	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	1/4	1/4	1/4	1/4	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	1/2	1/2	1/2	1/2	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	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	41,285	3	29,197	3	17,108	3	5,036	3	3	3	3	3	3	3	3	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	1/4	1/4	1/4	1/4	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	1/2	1/2	1/2	1/2	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	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	40,278	4	28,189	4	16,101	4	4,034	4	4	4	4	4	4	4	4	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	1/4	1/4	1/4	1/4	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	1/2	1/2	1/2	1/2	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	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	39,271	5	27,182	5	15,094	5	3,031	5	5	5	5	5	5	5	5	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	1/4	1/4	1/4	1/4	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	1/2	1/2	1/2	1/2	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	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	38,263	6	26,175	6	14,086	6	2,076	6	6	6	6	6	6	6	6	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	1/4	1/4	1/4	1/4	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	1/2	1/2	1/2	1/2	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	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	37,256	7	25,167	7	13,079	7	1,270	7	7	7	7	7	7	7	7	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	1/4	1/4	1/4	1/4	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	1/2	1/2	1/2	1/2	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	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	36,248	8	24,160	8	12,071	8	666	8	8	8	8	8	8	8	8	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	1/4	1/4	1/4	1/4	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	1/2	1/2	1/2	1/2	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	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	35,241	9	23,153	9	11,064	9	263	9	9	9	9	9	9	9	9	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	1/4	1/4	1/4	1/4	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	1/2	1/2	1/2	1/2	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	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	34,234	10	22,145	10	10,057	10	62	10	10	10	10	10	10	10	10	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	1/4	1/4	1/4	1/4	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	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	33,478	3/4	21,390	3/4	9,301	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
11	33,226	11	21,138	11	9,049	11	2	11	11	11	11	11	11	11	11	11	11	11	11
1/4	32,974	1/4	20,886	1/4	8,797	1/4	1	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	32,723	1/2	20,634	1/2	8,546	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	32,471	3/4	20,382	3/4	8,295	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

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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"**

**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	11 FT.	12 FT.	
0	0	98,669	0	82,806	0	74,864	0	58,980	0	43,097	0	43,097	0	35,155
1/4	1/4	98,524	1/4	82,640	1/4	74,698	1/4	58,815	1/4	42,931	1/4	42,931	1/4	34,989
1/2	1/2	98,358	1/2	82,475	1/2	74,533	1/2	58,649	1/2	42,766	1/2	42,766	1/2	34,824
3/4	3/4	98,193	3/4	82,309	3/4	74,367	3/4	58,484	3/4	42,600	3/4	42,600	3/4	34,658
1	1	98,028	1	82,144	1	74,202	1	58,318	1	42,435	1	42,435	1	34,493
1/4	1/4	97,862	1/4	81,978	1/4	74,037	1/4	58,153	1/4	42,269	1/4	42,269	1/4	34,327
1/2	1/2	97,697	1/2	81,813	1/2	73,871	1/2	57,987	1/2	42,104	1/2	42,104	1/2	34,162
3/4	3/4	97,531	3/4	81,647	3/4	73,706	3/4	57,822	3/4	41,938	3/4	41,938	3/4	33,996
2	2	97,366	2	81,482	2	73,540	2	57,657	2	41,773	2	41,773	2	33,831
1/4	1/4	97,200	1/4	81,317	1/4	73,375	1/4	57,491	1/4	41,607	1/4	41,607	1/4	33,666
1/2	1/2	97,035	1/2	81,151	1/2	73,209	1/2	57,326	1/2	41,442	1/2	41,442	1/2	33,500
3/4	3/4	96,869	3/4	80,986	3/4	73,044	3/4	57,160	3/4	41,277	3/4	41,277	3/4	33,335
3	3	96,704	3	80,820	3	72,878	3	56,995	3	41,111	3	41,111	3	33,169
1/4	1/4	96,538	1/4	80,655	1/4	72,713	1/4	56,829	1/4	40,946	1/4	40,946	1/4	33,004
1/2	1/2	96,373	1/2	80,489	1/2	72,547	1/2	56,664	1/2	40,780	1/2	40,780	1/2	32,838
3/4	3/4	96,208	3/4	80,324	3/4	72,382	3/4	56,498	3/4	40,615	3/4	40,615	3/4	32,673
4	4	96,042	4	80,158	4	72,217	4	56,333	4	40,449	4	40,449	4	32,507
1/4	1/4	95,877	1/4	79,993	1/4	72,051	1/4	56,167	1/4	40,284	1/4	40,284	1/4	32,342
1/2	1/2	95,711	1/2	79,827	1/2	71,886	1/2	56,002	1/2	40,118	1/2	40,118	1/2	32,176
3/4	3/4	95,546	3/4	79,662	3/4	71,720	3/4	55,837	3/4	39,953	3/4	39,953	3/4	32,011
5	5	95,380	5	79,497	5	71,555	5	55,671	5	39,787	5	39,787	5	31,846
1/4	1/4	95,215	1/4	79,331	1/4	71,389	1/4	55,506	1/4	39,622	1/4	39,622	1/4	31,680
1/2	1/2	95,049	1/2	79,166	1/2	71,224	1/2	55,340	1/2	39,456	1/2	39,456	1/2	31,515
3/4	3/4	94,884	3/4	79,000	3/4	71,058	3/4	55,175	3/4	39,291	3/4	39,291	3/4	31,349
6	6	94,718	6	78,835	6	70,893	6	55,009	6	39,126	6	39,126	6	31,184
1/4	1/4	94,553	1/4	78,669	1/4	70,727	1/4	54,844	1/4	38,960	1/4	38,960	1/4	31,018
1/2	1/2	94,388	1/2	78,504	1/2	70,562	1/2	54,678	1/2	38,795	1/2	38,795	1/2	30,853
3/4	3/4	94,222	3/4	78,338	3/4	70,397	3/4	54,513	3/4	38,629	3/4	38,629	3/4	30,687
7	7	94,057	7	78,173	7	70,231	7	54,347	7	38,464	7	38,464	7	30,522
1/4	1/4	93,891	1/4	78,007	1/4	70,066	1/4	54,182	1/4	38,298	1/4	38,298	1/4	30,356
1/2	1/2	93,726	1/2	77,842	1/2	69,900	1/2	54,017	1/2	38,133	1/2	38,133	1/2	30,191
3/4	3/4	93,560	3/4	77,677	3/4	69,735	3/4	53,851	3/4	37,967	3/4	37,967	3/4	30,026
8	8	93,395	8	77,511	8	69,569	8	53,686	8	37,802	8	37,802	8	29,860
1/4	1/4	93,229	1/4	77,346	1/4	69,404	1/4	53,520	1/4	37,636	1/4	37,636	1/4	29,695
1/2	1/2	93,064	1/2	77,180	1/2	69,238	1/2	53,355	1/2	37,471	1/2	37,471	1/2	29,529
3/4	3/4	92,898	3/4	77,015	3/4	69,073	3/4	53,189	3/4	37,306	3/4	37,306	3/4	29,364
9	9	92,733	9	76,849	9	68,907	9	53,024	9	37,140	9	37,140	9	29,198
1/4	1/4	92,568	1/4	76,684	1/4	68,742	1/4	52,858	1/4	36,975	1/4	36,975	1/4	29,033
1/2	1/2	92,402	1/2	76,518	1/2	68,577	1/2	52,693	1/2	36,809	1/2	36,809	1/2	28,867
3/4	3/4	92,237	3/4	76,353	3/4	68,411	3/4	52,527	3/4	36,644	3/4	36,644	3/4	28,702
10	10	92,071	10	76,187	10	68,246	10	52,362	10	36,478	10	36,478	10	28,536
1/4	1/4	91,906	1/4	76,022	1/4	68,080	1/4	52,197	1/4	36,313	1/4	36,313	1/4	28,371
1/2	1/2	91,740	1/2	75,857	1/2	67,915	1/2	52,031	1/2	36,147	1/2	36,147	1/2	28,206
3/4	3/4	91,575	3/4	75,691	3/4	67,749	3/4	51,866	3/4	35,982	3/4	35,982	3/4	28,040
11	11	91,409	11	75,526	11	67,584	11	51,700	11	35,816	11	35,816	11	27,875
1/4	1/4	91,244	1/4	75,360	1/4	67,418	1/4	51,535	1/4	35,651	1/4	35,651	1/4	27,709
1/2	1/2	91,078	1/2	75,195	1/2	67,253	1/2	51,369	1/2	35,486	1/2	35,486	1/2	27,544
3/4	3/4	90,913	3/4	75,029	3/4	67,087	3/4	51,204	3/4	35,320	3/4	35,320	3/4	27,378

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 13'-4" 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.

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 "CL - 180"**

**2 PORT  
ULLAGE TABLE**

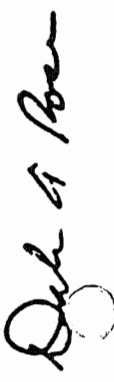
GAUGE HEIGHT: 16'-4 3/4"

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"

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	99,089	0	91,142	0	83,194	0	75,247	0	67,300	0	59,352	0	51,405	0	43,458	0	35,510	0
1/4	1/4	98,924	1/4	90,976	1/4	83,029	1/4	75,081	1/4	67,134	1/4	59,187	1/4	51,239	1/4	43,292	1/4	35,345	1/4
1/2	1/2	98,758	1/2	90,811	1/2	82,863	1/2	74,916	1/2	66,969	1/2	59,021	1/2	51,074	1/2	43,126	1/2	35,179	1/2
3/4	3/4	98,593	3/4	90,645	3/4	82,698	3/4	74,750	3/4	66,803	3/4	58,856	3/4	50,908	3/4	42,961	3/4	35,013	3/4
1	1	98,427	1	90,480	1	82,532	1	74,585	1	66,637	1	58,690	1	50,743	1	42,795	1	34,848	1
1/4	1/4	98,261	1/4	90,314	1/4	82,367	1/4	74,419	1/4	66,472	1/4	58,524	1/4	50,577	1/4	42,630	1/4	34,682	1/4
1/2	1/2	98,096	1/2	90,148	1/2	82,202	1/2	74,254	1/2	66,306	1/2	58,359	1/2	50,411	1/2	42,464	1/2	34,517	1/2
3/4	3/4	97,930	3/4	89,983	3/4	82,035	3/4	74,088	3/4	66,141	3/4	58,193	3/4	50,246	3/4	42,299	3/4	34,351	3/4
2	2	97,765	2	89,817	2	81,870	2	73,922	2	65,975	2	58,028	2	50,080	2	42,133	2	34,186	2
1/4	1/4	97,599	1/4	89,652	1/4	81,704	1/4	73,757	1/4	65,810	1/4	57,862	1/4	49,915	1/4	41,967	1/4	34,020	1/4
1/2	1/2	97,434	1/2	89,486	1/2	81,539	1/2	73,591	1/2	65,644	1/2	57,697	1/2	49,749	1/2	41,802	1/2	33,854	1/2
3/4	3/4	97,268	3/4	89,321	3/4	81,373	3/4	73,426	3/4	65,478	3/4	57,531	3/4	49,584	3/4	41,636	3/4	33,689	3/4
3	3	97,102	3	89,155	3	81,208	3	73,260	3	65,313	3	57,365	3	49,418	3	41,471	3	33,523	3
1/4	1/4	96,937	1/4	88,989	1/4	81,042	1/4	73,095	1/4	65,147	1/4	57,200	1/4	49,252	1/4	41,305	1/4	33,358	1/4
1/2	1/2	96,771	1/2	88,824	1/2	80,876	1/2	72,929	1/2	64,982	1/2	57,034	1/2	49,087	1/2	41,140	1/2	33,192	1/2
3/4	3/4	96,606	3/4	88,658	3/4	80,711	3/4	72,764	3/4	64,816	3/4	56,869	3/4	48,921	3/4	40,974	3/4	33,027	3/4
4	4	96,440	4	88,493	4	80,545	4	72,598	4	64,651	4	56,703	4	48,756	4	40,808	4	32,861	4
1/4	1/4	96,275	1/4	88,327	1/4	80,380	1/4	72,432	1/4	64,485	1/4	56,538	1/4	48,590	1/4	40,643	1/4	32,695	1/4
1/2	1/2	96,109	1/2	88,162	1/2	80,214	1/2	72,267	1/2	64,319	1/2	56,372	1/2	48,425	1/2	40,477	1/2	32,530	1/2
3/4	3/4	95,943	3/4	88,000	3/4	80,049	3/4	72,101	3/4	64,154	3/4	56,206	3/4	48,259	3/4	40,312	3/4	32,364	3/4
5	5	95,778	5	87,830	5	79,883	5	71,936	5	63,988	5	56,041	5	48,093	5	40,146	5	32,199	5
1/4	1/4	95,612	1/4	87,665	1/4	79,717	1/4	71,770	1/4	63,823	1/4	55,875	1/4	47,928	1/4	39,981	1/4	32,033	1/4
1/2	1/2	95,447	1/2	87,499	1/2	79,552	1/2	71,605	1/2	63,657	1/2	55,710	1/2	47,762	1/2	39,815	1/2	31,868	1/2
3/4	3/4	95,281	3/4	87,334	3/4	79,386	3/4	71,439	3/4	63,492	3/4	55,544	3/4	47,597	3/4	39,649	3/4	31,702	3/4
6	6	95,116	6	87,168	6	79,221	6	71,273	6	63,326	6	55,379	6	47,431	6	39,484	6	31,536	6
1/4	1/4	94,950	1/4	87,003	1/4	79,055	1/4	71,108	1/4	63,160	1/4	55,213	1/4	47,266	1/4	39,318	1/4	31,371	1/4
1/2	1/2	94,784	1/2	86,837	1/2	78,890	1/2	70,942	1/2	62,995	1/2	55,047	1/2	47,100	1/2	39,153	1/2	31,205	1/2
3/4	3/4	94,619	3/4	86,671	3/4	78,724	3/4	70,777	3/4	62,829	3/4	54,882	3/4	46,934	3/4	38,987	3/4	31,040	3/4
7	7	94,453	7	86,506	7	78,558	7	70,611	7	62,664	7	54,716	7	46,769	7	38,822	7	30,874	7
1/4	1/4	94,288	1/4	86,340	1/4	78,393	1/4	70,446	1/4	62,498	1/4	54,551	1/4	46,603	1/4	38,656	1/4	30,709	1/4
1/2	1/2	94,122	1/2	86,175	1/2	78,227	1/2	70,280	1/2	62,333	1/2	54,385	1/2	46,438	1/2	38,490	1/2	30,543	1/2
3/4	3/4	93,957	3/4	86,009	3/4	78,062	3/4	70,114	3/4	62,167	3/4	54,220	3/4	46,272	3/4	38,325	3/4	30,377	3/4
8	8	93,791	8	85,844	8	77,896	8	69,949	8	62,001	8	54,054	8	46,107	8	38,159	8	30,212	8
1/4	1/4	93,625	1/4	85,678	1/4	77,731	1/4	69,783	1/4	61,836	1/4	53,888	1/4	45,941	1/4	37,994	1/4	30,046	1/4
1/2	1/2	93,460	1/2	85,512	1/2	77,565	1/2	69,618	1/2	61,670	1/2	53,723	1/2	45,775	1/2	37,828	1/2	29,881	1/2
3/4	3/4	93,294	3/4	85,347	3/4	77,399	3/4	69,452	3/4	61,505	3/4	53,557	3/4	45,610	3/4	37,663	3/4	29,715	3/4
9	9	93,129	9	85,181	9	77,234	9	69,287	9	61,339	9	53,392	9	45,444	9	37,497	9	29,550	9
1/4	1/4	92,963	1/4	85,016	1/4	77,068	1/4	69,121	1/4	61,174	1/4	53,226	1/4	45,279	1/4	37,331	1/4	29,384	1/4
1/2	1/2	92,798	1/2	84,850	1/2	76,903	1/2	68,955	1/2	61,008	1/2	53,061	1/2	45,113	1/2	37,166	1/2	29,218	1/2
3/4	3/4	92,632	3/4	84,685	3/4	76,737	3/4	68,790	3/4	60,842	3/4	52,895	3/4	44,948	3/4	37,000	3/4	29,053	3/4
10	10	92,466	10	84,519	10	76,572	10	68,624	10	60,677	10	52,729	10	44,782	10	36,835	10	28,887	10
1/4	1/4	92,301	1/4	84,353	1/4	76,406	1/4	68,459	1/4	60,511	1/4	52,564	1/4	44,617	1/4	36,669	1/4	28,722	1/4
1/2	1/2	92,135	1/2	84,188	1/2	76,240	1/2	68,293	1/2	60,346	1/2	52,398	1/2	44,451	1/2	36,504	1/2	28,556	1/2
3/4	3/4	91,970	3/4	84,022	3/4	76,075	3/4	68,128	3/4	60,180	3/4	52,233	3/4	44,285	3/4	36,338	3/4	28,391	3/4
11	11	91,804	11	83,857	11	75,909	11	67,962	11	60,015	11	52,067	11	44,120	11	36,172	11	28,225	11
1/4	1/4	91,639	1/4	83,691	1/4	75,744	1/4	67,796	1/4	59,849	1/4	51,902	1/4	43,954	1/4	36,007	1/4	28,059	1/4
1/2	1/2	91,473	1/2	83,526	1/2	75,578	1/2	67,631	1/2	59,683	1/2	51,736	1/2	43,789	1/2	35,841	1/2	27,894	1/2
3/4	3/4	91,307	3/4	83,360	3/4	75,413	3/4	67,465	3/4	59,518	3/4	51,570	3/4	43,623	3/4	35,676	3/4	27,728	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" 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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
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	1.4	1/4	1.4	1/4	1.4	1/4	1.4	1/4	1.4	1/4	1.4
1/2	27.232	1/2	19.284	1/2	11.337	1/2	3.398	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	27.066	3/4	19.119	3/4	11.171	3/4	3.234	3/4	1.1	3/4	1.1	3/4	1.1	3/4	1.1	3/4	1.1	3/4	1.1
1	26.900	1	18.953	1	11.006	1	3.069	1	1	1	1	1	1	1	1	1	1	1	1
1/4	26.735	1/4	18.787	1/4	10.840	1/4	2.904	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	26.569	1/2	18.622	1/2	10.675	1/2	2.739	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	26.404	3/4	18.456	3/4	10.509	3/4	2.574	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	26.238	2	18.291	2	10.343	2	2.409	2	2	2	2	2	2	2	2	2	2	2	2
1/4	26.073	1/4	18.125	1/4	10.178	1/4	2.244	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	25.907	1/2	17.960	1/2	10.012	1/2	2.079	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	25.741	3/4	17.794	3/4	9.847	3/4	1.914	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	25.576	3	17.628	3	9.681	3	1.749	3	3	3	3	3	3	3	3	3	3	3	3
1/4	25.410	1/4	17.463	1/4	9.516	1/4	1.582	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	25.245	1/2	17.297	1/2	9.350	1/2	1.413	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	25.079	3/4	17.132	3/4	9.184	3/4	1.244	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	24.914	4	16.966	4	9.019	4	1.075	4	4	4	4	4	4	4	4	4	4	4	4
1/4	24.748	1/4	16.801	1/4	8.853	1/4	1.013	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	24.582	1/2	16.635	1/2	8.688	1/2	897	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	24.417	3/4	16.469	3/4	8.522	3/4	781	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	24.251	5	16.304	5	8.357	5	665	5	5	5	5	5	5	5	5	5	5	5	5
1/4	24.086	1/4	16.138	1/4	8.191	1/4	566	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	23.920	1/2	15.973	1/2	8.025	1/2	483	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	23.755	3/4	15.807	3/4	7.860	3/4	400	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	23.589	6	15.642	6	7.694	6	314	6	6	6	6	6	6	6	6	6	6	6	6
1/4	23.423	1/4	15.476	1/4	7.529	1/4	228	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	23.258	1/2	15.311	1/2	7.363	1/2	142	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	56	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	22.927	7	14.979	7	7.032	7	70	7	7	7	7	7	7	7	7	7	7	7	7
1/4	22.761	1/4	14.814	1/4	6.866	1/4	84	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	22.596	1/2	14.648	1/2	6.701	1/2	98	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	22.430	3/4	14.483	3/4	6.535	3/4	112	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	22.264	8	14.317	8	6.370	8	126	8	8	8	8	8	8	8	8	8	8	8	8
1/4	22.099	1/4	14.152	1/4	6.204	1/4	140	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	21.933	1/2	13.986	1/2	6.039	1/2	154	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	21.768	3/4	13.820	3/4	5.873	3/4	168	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	21.602	9	13.655	9	5.707	9	182	9	9	9	9	9	9	9	9	9	9	9	9
1/4	21.437	1/4	13.489	1/4	5.542	1/4	196	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	21.271	1/2	13.324	1/2	5.377	1/2	210	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	21.105	3/4	13.158	3/4	5.212	3/4	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
10	20.940	10	12.993	10	5.047	10	238	10	10	10	10	10	10	10	10	10	10	10	10
1/4	20.774	1/4	12.827	1/4	4.883	1/4	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
1/2	20.609	1/2	12.661	1/2	4.718	1/2	266	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	20.443	3/4	12.496	3/4	4.553	3/4	280	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	20.278	11	12.330	11	4.388	11	294	11	11	11	11	11	11	11	11	11	11	11	11
1/4	20.112	1/4	12.165	1/4	4.223	1/4	308	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	19.946	1/2	11.999	1/2	4.058	1/2	322	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	19.781	3/4	11.834	3/4	3.893	3/4	336	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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

CERTIFIED TANK CALIBRATION, INC.

*Dick A. Boen*

**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	103,178	3/4	95,167	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	103,015	6	95,000	6	86,986	6	78,971	6	62,942	6	54,928	6	46,913	6	38,899	6	30,884	6
1/4	1/4	102,848	1/4	94,833	1/4	86,819	1/4	78,804	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	102,681	1/2	94,667	1/2	86,652	1/2	78,637	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	102,514	3/4	94,500	3/4	86,485	3/4	78,471	3/4	62,442	3/4	54,427	3/4	46,412	3/4	38,398	3/4	30,383	3/4
7	7	102,347	7	94,333	7	86,318	7	78,304	7	62,275	7	54,260	7	46,246	7	38,231	7	30,217	7
1/4	1/4	102,180	1/4	94,166	1/4	86,151	1/4	78,137	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	102,013	1/2	93,999	1/2	85,984	1/2	77,970	1/2	61,941	1/2	53,926	1/2	45,915	1/2	37,897	1/2	29,883	1/2
3/4	3/4	101,846	3/4	93,832	3/4	85,817	3/4	77,803	3/4	61,774	3/4	53,759	3/4	45,745	3/4	37,730	3/4	29,716	3/4
8	8	101,679	8	93,665	8	85,650	8	77,636	8	61,607	8	53,592	8	45,578	8	37,563	8	29,549	8
1/4	1/4	101,512	1/4	93,498	1/4	85,483	1/4	77,469	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	101,345	1/2	93,331	1/2	85,316	1/2	77,302	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	101,178	3/4	93,164	3/4	85,149	3/4	77,135	3/4	61,106	3/4	53,091	3/4	45,077	3/4	37,062	3/4	29,048	3/4
9	9	101,011	9	92,997	9	84,982	9	76,968	9	60,939	9	52,924	9	44,910	9	36,895	9	28,881	9
1/4	1/4	100,844	1/4	92,830	1/4	84,815	1/4	76,801	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	100,677	1/2	92,663	1/2	84,648	1/2	76,634	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	100,510	3/4	92,496	3/4	84,481	3/4	76,467	3/4	60,438	3/4	52,423	3/4	44,409	3/4	36,394	3/4	28,380	3/4
10	10	100,343	10	92,329	10	84,314	10	76,300	10	60,271	10	52,256	10	44,242	10	36,227	10	28,213	10
1/4	1/4	100,176	1/4	92,162	1/4	84,147	1/4	76,133	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	100,010	1/2	91,995	1/2	83,981	1/2	75,966	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	99,843	3/4	91,828	3/4	83,814	3/4	75,799	3/4	59,770	3/4	51,755	3/4	43,741	3/4	35,726	3/4	27,712	3/4
11	11	99,676	11	91,661	11	83,647	11	75,632	11	59,603	11	51,589	11	43,574	11	35,560	11	27,545	11
1/4	1/4	99,509	1/4	91,494	1/4	83,480	1/4	75,465	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	99,342	1/2	91,327	1/2	83,313	1/2	75,298	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	99,175	3/4	91,160	3/4	83,146	3/4	75,131	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

*Dale A. Brown*

**BARGE "CL-180"**

**3 PORT  
ULLAGE TABLE**

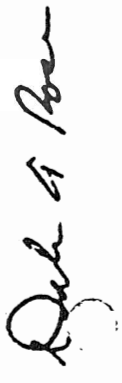
CAPACITIES GIVEN IN WHOLE GALLONS

13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		20 FT.		21 FT.		22 FT.	
IN	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	88	1/4	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	71	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	37	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	20	1/4	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	3	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	16	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	1	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	1	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	21,868	1/2	13,854	1/2	5,839	1/2	1	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	21,701	3/4	13,687	3/4	5,672	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
8	21,534	8	13,520	8	5,506	8	1	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	1	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	21,200	1/2	13,186	1/2	5,173	1/2	1	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	21,033	3/4	13,019	3/4	5,007	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
9	20,866	9	12,852	9	4,841	9	1	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	1	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	20,532	1/2	12,518	1/2	4,508	1/2	1	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	20,365	3/4	12,351	3/4	4,342	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
10	20,198	10	12,184	10	4,175	10	1	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	1	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	19,864	1/2	11,850	1/2	3,843	1/2	1	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	19,697	3/4	11,683	3/4	3,676	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
11	19,531	11	11,516	11	3,510	11	1	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	1	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	19,197	1/2	11,182	1/2	3,178	1/2	1	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	19,030	3/4	11,015	3/4	3,011	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 "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	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
1/2	1/2	98,320	1/2	90,314	1/2	82,308	1/2	74,302	1/2	66,296	1/2	58,290	1/2	50,283	1/2	42,277
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
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
1/4	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
1/2	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
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
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
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
1/2	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
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	3	96,652	3	88,646	3	80,640	3	72,634	3	64,628	3	56,622	3	48,615	3	40,609
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
1/2	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
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
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
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
1/2	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
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
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
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
1/2	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
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
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
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
1/2	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
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
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
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
1/2	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
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
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
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
1/2	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
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
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
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
1/2	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
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
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
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
1/2	1/2	91,654	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
3/4	3/4	91,487	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
11	11	91,321	11	83,308	11	75,302	11	67,296	11	59,290	11	51,284	11	43,278	11	35,272
1/4	1/4	91,154	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
1/2	1/2	90,987	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
3/4	3/4	90,820	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

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 "CBC 180"

3 STBD  
ULLAGE TABLE

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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	26,599	0	18,593	0	10,587	0	2,581	0	0	0	0	0	0	0	0	0	0	0	0
1/4	28,432	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	1/4
1/2	26,265	1/2	18,259	1/2	10,253	1/2	2,261	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	28,098	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	3/4
1	25,932	1	17,925	1	9,919	1	1,928	1	1	1	1	1	1	1	1	1	1	1	1
1/4	25,765	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	1/4
1/2	25,598	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	1/2
3/4	25,431	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	3/4
2	25,264	2	17,258	2	9,252	2	1,304	2	2	2	2	2	2	2	2	2	2	2	2
1/4	25,098	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	1/4
1/2	24,931	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	1/2
3/4	24,764	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	3/4
3	24,597	3	16,591	3	8,585	3	787	3	3	3	3	3	3	3	3	3	3	3	3
1/4	24,430	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	1/4
1/2	24,264	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	1/2
3/4	24,097	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	3/4
4	23,930	4	15,924	4	7,918	4	403	4	4	4	4	4	4	4	4	4	4	4	4
1/4	23,763	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	1/4
1/2	23,596	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	1/2
3/4	23,430	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	3/4
5	23,263	5	15,257	5	7,251	5	92	5	5	5	5	5	5	5	5	5	5	5	5
1/4	23,096	1/4	15,090	1/4	7,084	1/4	17	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	22,929	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	1/2
3/4	22,762	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	3/4
6	22,596	6	14,590	6	6,583	6	0	6	6	6	6	6	6	6	6	6	6	6	6
1/4	22,429	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	1/4
1/2	22,262	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	1/2
3/4	22,095	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	3/4
7	21,928	7	13,922	7	5,916	7	0	7	7	7	7	7	7	7	7	7	7	7	7
1/4	21,762	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	1/4
1/2	21,595	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	1/2
3/4	21,428	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	3/4
8	21,261	8	13,255	8	5,251	8	0	8	8	8	8	8	8	8	8	8	8	8	8
1/4	21,095	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	1/4
1/2	20,928	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	1/2
3/4	20,761	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	3/4
9	20,594	9	12,588	9	4,586	9	0	9	9	9	9	9	9	9	9	9	9	9	9
1/4	20,427	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	1/4
1/2	20,261	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	1/2
3/4	20,094	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	3/4
10	19,927	10	11,921	10	3,922	10	0	10	10	10	10	10	10	10	10	10	10	10	10
1/4	19,760	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	1/4
1/2	19,593	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	1/2
3/4	19,427	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	3/4
11	19,260	11	11,254	11	3,257	11	0	11	11	11	11	11	11	11	11	11	11	11	11
1/4	19,093	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	1/4
1/2	18,926	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	1/2
3/4	18,759	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	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	191,155	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	190,820	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	190,485	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	190,150	10	174,067	10	157,983	10	125,816	10	93,649	10	77,565	10	61,481
1/4	189,815	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	189,480	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	189,145	3/4	173,061	3/4	156,978	3/4	124,811	3/4	92,643	3/4	76,560	3/4	60,476
11	188,810	11	172,726	11	156,643	11	124,476	11	92,308	11	76,225	11	60,141
1/4	188,475	1/4	172,391	1/4	156,308	1/4	124,140	1/4	91,973	1/4	75,890	1/4	59,806
1/2	188,140	1/2	172,056	1/2	155,973	1/2	123,805	1/2	91,638	1/2	75,555	1/2	59,471
3/4	187,805	3/4	171,721	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.



13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		20 FT.		21 FT.		22 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	58,801	0	42,717	0	26,634	0	10,552	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
1/2	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
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
1	57,461	1	41,377	1	25,293	1	9,214	1	1	1	1	1	1	1	1	1	1	1	1
1/4	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
1/2	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
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
2	56,120	2	40,037	2	23,953	2	7,876	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
1/2	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
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	54,780	3	38,696	3	22,613	3	6,539	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
1/2	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
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
4	53,440	4	37,356	4	21,272	4	5,201	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
1/2	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
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
5	52,099	5	36,016	5	19,932	5	3,863	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
1/2	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
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
6	50,759	6	34,675	6	18,592	6	2,608	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
1/2	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
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
7	49,419	7	33,335	7	17,252	7	1,569	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
1/2	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
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
8	48,078	8	31,995	8	15,911	8	799	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
1/2	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
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
9	46,738	9	30,655	9	14,571	9	296	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
1/2	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
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
10	45,398	10	29,314	10	13,231	10	78	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
1/2	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
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
11	44,058	11	27,974	11	11,890	11	78	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
1/2	43,387	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
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

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*