

# BARGE "CBC 181"

## ULLAGE TRIM CORRECTION

TANK NUMBER	1 FT. TRIM		2 FT. TRIM		3 FT. TRIM		4 FT. TRIM		5 FT. TRIM		6 FT. TRIM	
	BY STERN	BY BOW	BY STERN	BY BOW	BY STERN	BY BOW	BY STERN	BY BOW	BY STERN	BY BOW	BY STERN	BY BOW
TANK # 1	-1/4°	+1/4°	-1/2°	+1/2°	-3/4°	+3/4°	-1°	+1°	-1 1/8°	+1 1/8°	-1 3/8°	+1 3/8°
2 PORT	-1/8°	+1/8°	-1/4°	+1/4°	-1/2°	+1/2°	-5/8°	+5/8°	-3/4°	+3/4°	-7/8°	+7/8°
2 STBD	-1/8°	+1/8°	-1/4°	+1/4°	-1/2°	+1/2°	-5/8°	+5/8°	-3/4°	+3/4°	-7/8°	+7/8°
3 PORT	-1/8°	+1/8°	-1/4°	+1/4°	-3/8°	+3/8°	-1/2°	+1/2°	-5/8°	+5/8°	-3/4°	+3/4°
3 STBD	-1/8°	+1/8°	-1/4°	+1/4°	-3/8°	+3/8°	-1/2°	+1/2°	-5/8°	+5/8°	-3/4°	+3/4°
TANK # 4	0	0	0	0	0	0	0	0	0	0	0	0

### ULLAGE TRIM CORRECTIONS

IF FWD DRAFT = 2'-0"  
AND AFT DRAFT = 4'-0"

THEN THE BARGE IS 2'-0" DOWN BY STERN

TANK NO. 1 TRIM CORRECTION FROM ABOVE TABLE IS -0 1/2"  
IF MEASURED ULLAGE GAUGE IS 8'-6", THE CORRECT ULLAGE GAUGE IS 8'-5 1/2".

CERTIFIED TANK CALIBRATION, INC.  
DEER PARK, TEXAS  
MAY 16, 1995

*Bill G. Row*

**BARGE "CBC 181"**

**TANK NO. 1  
ULLAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS												GAUGE HEIGHT 18" ± 1/2"											
IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.				
0	152,901	0	140,636	0	129,572	0	118,457	0	104,943	0	92,228	0	80,114	0	67,999	0	55,885	0	43,771				
1/4	152,548	1/4	140,434	1/4	129,319	1/4	118,205	1/4	104,090	1/4	91,976	1/4	79,861	1/4	67,747	1/4	55,632	1/4	43,517				
1/2	152,296	1/2	140,181	1/2	129,067	1/2	117,952	1/2	103,836	1/2	91,723	1/2	79,609	1/2	67,494	1/2	55,380	1/2	43,274				
3/4	152,043	3/4	139,929	3/4	128,814	3/4	117,698	3/4	103,583	3/4	91,471	3/4	79,357	3/4	67,251	3/4	55,137	3/4	43,031				
1	151,791	1	139,677	1	128,562	1	117,452	1	103,331	1	91,219	1	79,104	1	67,002	1	54,894	1	42,788				
1 1/4	151,539	1 1/4	139,424	1 1/4	128,310	1 1/4	117,207	1 1/4	103,079	1 1/4	90,967	1 1/4	78,852	1 1/4	66,753	1 1/4	54,751	1 1/4	42,545				
1 1/2	151,286	1 1/2	139,172	1 1/2	128,057	1 1/2	116,958	1 1/2	102,828	1 1/2	90,714	1 1/2	78,600	1 1/2	66,500	1 1/2	54,508	1 1/2	42,302				
1 3/4	151,034	1 3/4	138,919	1 3/4	127,805	1 3/4	116,705	1 3/4	102,576	1 3/4	90,461	1 3/4	78,347	1 3/4	66,247	1 3/4	54,261	1 3/4	42,059				
2	150,781	2	138,667	2	127,553	2	116,498	2	102,324	2	90,209	2	78,095	2	66,000	2	54,014	2	41,816				
2 1/4	150,529	2 1/4	138,415	2 1/4	127,300	2 1/4	116,235	2 1/4	102,071	2 1/4	89,957	2 1/4	77,842	2 1/4	65,747	2 1/4	53,761	2 1/4	41,573				
2 1/2	150,277	2 1/2	138,162	2 1/2	127,048	2 1/2	115,976	2 1/2	101,819	2 1/2	89,704	2 1/2	77,589	2 1/2	65,494	2 1/2	53,514	2 1/2	41,330				
2 3/4	150,024	2 3/4	137,910	2 3/4	126,795	2 3/4	115,717	2 3/4	101,566	2 3/4	89,452	2 3/4	77,337	2 3/4	65,241	2 3/4	53,261	2 3/4	41,087				
3	149,772	3	137,657	3	126,543	3	115,458	3	101,314	3	89,200	3	77,085	3	64,989	3	53,014	3	40,844				
3 1/4	149,520	3 1/4	137,405	3 1/4	126,291	3 1/4	115,176	3 1/4	101,062	3 1/4	88,947	3 1/4	76,833	3 1/4	64,736	3 1/4	52,761	3 1/4	40,601				
3 1/2	149,267	3 1/2	137,153	3 1/2	126,039	3 1/2	114,924	3 1/2	100,809	3 1/2	88,695	3 1/2	76,580	3 1/2	64,483	3 1/2	52,508	3 1/2	40,358				
3 3/4	149,015	3 3/4	136,900	3 3/4	125,786	3 3/4	114,671	3 3/4	100,557	3 3/4	88,442	3 3/4	76,328	3 3/4	64,230	3 3/4	52,255	3 3/4	40,115				
4	148,762	4	136,648	4	125,533	4	114,419	4	100,304	4	88,190	4	76,076	4	63,977	4	52,002	4	39,872				
4 1/4	148,510	4 1/4	136,396	4 1/4	125,281	4 1/4	114,167	4 1/4	100,052	4 1/4	87,938	4 1/4	75,823	4 1/4	63,725	4 1/4	51,749	4 1/4	39,629				
4 1/2	148,258	4 1/2	136,143	4 1/2	125,029	4 1/2	113,914	4 1/2	99,800	4 1/2	87,685	4 1/2	75,571	4 1/2	63,472	4 1/2	51,496	4 1/2	39,386				
4 3/4	148,005	4 3/4	135,891	4 3/4	124,776	4 3/4	113,662	4 3/4	99,547	4 3/4	87,433	4 3/4	75,319	4 3/4	63,220	4 3/4	51,243	4 3/4	39,143				
5	147,753	5	135,638	5	124,524	5	113,409	5	99,295	5	87,180	5	75,067	5	62,967	5	50,990	5	38,900				
5 1/4	147,500	5 1/4	135,386	5 1/4	124,272	5 1/4	113,157	5 1/4	99,043	5 1/4	86,928	5 1/4	74,814	5 1/4	62,715	5 1/4	50,737	5 1/4	38,657				
5 1/2	147,248	5 1/2	135,134	5 1/2	124,020	5 1/2	112,905	5 1/2	98,791	5 1/2	86,675	5 1/2	74,562	5 1/2	62,462	5 1/2	50,484	5 1/2	38,414				
5 3/4	146,995	5 3/4	134,881	5 3/4	123,767	5 3/4	112,652	5 3/4	98,539	5 3/4	86,423	5 3/4	74,309	5 3/4	62,210	5 3/4	50,231	5 3/4	38,171				
6	146,743	6	134,629	6	123,514	6	112,400	6	98,287	6	86,171	6	74,057	6	61,957	6	49,978	6	37,928				
6 1/4	146,491	6 1/4	134,377	6 1/4	123,262	6 1/4	112,147	6 1/4	98,035	6 1/4	85,919	6 1/4	73,804	6 1/4	61,705	6 1/4	49,725	6 1/4	37,685				
6 1/2	146,239	6 1/2	134,124	6 1/2	123,010	6 1/2	111,895	6 1/2	97,783	6 1/2	85,666	6 1/2	73,552	6 1/2	61,453	6 1/2	49,472	6 1/2	37,442				
6 3/4	145,986	6 3/4	133,872	6 3/4	122,757	6 3/4	111,643	6 3/4	97,531	6 3/4	85,414	6 3/4	73,299	6 3/4	61,200	6 3/4	49,219	6 3/4	37,199				
7	145,734	7	133,619	7	122,505	7	111,390	7	97,279	7	85,161	7	73,047	7	60,947	7	48,966	7	36,956				
7 1/4	145,481	7 1/4	133,367	7 1/4	122,253	7 1/4	111,138	7 1/4	97,027	7 1/4	84,909	7 1/4	72,795	7 1/4	60,694	7 1/4	48,713	7 1/4	36,713				
7 1/2	145,229	7 1/2	133,115	7 1/2	122,000	7 1/2	110,886	7 1/2	96,775	7 1/2	84,657	7 1/2	72,542	7 1/2	60,441	7 1/2	48,460	7 1/2	36,470				
7 3/4	144,976	7 3/4	132,862	7 3/4	121,748	7 3/4	110,633	7 3/4	96,523	7 3/4	84,405	7 3/4	72,290	7 3/4	60,188	7 3/4	48,207	7 3/4	36,227				
8	144,724	8	132,610	8	121,495	8	110,381	8	96,271	8	84,153	8	72,037	8	59,935	8	47,954	8	35,984				
8 1/4	144,472	8 1/4	132,357	8 1/4	121,243	8 1/4	110,128	8 1/4	96,019	8 1/4	83,901	8 1/4	71,785	8 1/4	59,682	8 1/4	47,701	8 1/4	35,741				
8 1/2	144,219	8 1/2	132,105	8 1/2	120,991	8 1/2	109,876	8 1/2	95,767	8 1/2	83,649	8 1/2	71,532	8 1/2	59,429	8 1/2	47,448	8 1/2	35,498				
8 3/4	143,967	8 3/4	131,853	8 3/4	120,738	8 3/4	109,624	8 3/4	95,515	8 3/4	83,396	8 3/4	71,280	8 3/4	59,176	8 3/4	47,195	8 3/4	35,255				
9	143,715	9	131,600	9	120,485	9	109,371	9	95,263	9	83,144	9	71,027	9	58,923	9	46,942	9	35,012				
9 1/4	143,462	9 1/4	131,348	9 1/4	120,233	9 1/4	109,119	9 1/4	95,011	9 1/4	82,891	9 1/4	70,775	9 1/4	58,670	9 1/4	46,689	9 1/4	34,769				
9 1/2	143,210	9 1/2	131,095	9 1/2	119,981	9 1/2	108,866	9 1/2	94,758	9 1/2	82,639	9 1/2	70,522	9 1/2	58,417	9 1/2	46,436	9 1/2	34,526				
9 3/4	142,957	9 3/4	130,843	9 3/4	119,729	9 3/4	108,614	9 3/4	94,506	9 3/4	82,387	9 3/4	70,270	9 3/4	58,164	9 3/4	46,183	9 3/4	34,283				
10	142,705	10	130,591	10	119,476	10	108,362	10	94,254	10	82,135	10	70,017	10	57,911	10	45,930	10	34,040				
10 1/4	142,453	10 1/4	130,338	10 1/4	119,224	10 1/4	108,109	10 1/4	94,002	10 1/4	81,883	10 1/4	69,764	10 1/4	57,658	10 1/4	45,677	10 1/4	33,797				
10 1/2	142,200	10 1/2	130,086	10 1/2	118,971	10 1/2	107,857	10 1/2	93,750	10 1/2	81,631	10 1/2	69,511	10 1/2	57,405	10 1/2	45,424	10 1/2	33,554				
10 3/4	141,948	10 3/4	129,834	10 3/4	118,719	10 3/4	107,604	10 3/4	93,498	10 3/4	81,379	10 3/4	69,258	10 3/4	57,152	10 3/4	45,171	10 3/4	33,311				
11	141,696	11	129,581	11	118,467	11	107,351	11	93,246	11	81,127	11	69,005	11	56,899	11	44,918	11	33,068				
11 1/4	141,443	11 1/4	129,329	11 1/4	118,214	11 1/4	107,100	11 1/4	93,000	11 1/4	80,875	11 1/4	68,752	11 1/4	56,646	11 1/4	44,665	11 1/4	32,825				
11 1/2	141,191	11 1/2	129,076	11 1/2	117,962	11 1/2	106,847	11 1/2	92,747	11 1/2	80,623	11 1/2	68,500	11 1/2	56,393	11 1/2	44,412	11 1/2	32,582				
11 3/4	140,938	11 3/4	128,824	11 3/4	117,709	11 3/4	106,595	11 3/4	92,495	11 3/4	80,371	11 3/4	68,247	11 3/4	56,140	11 3/4	44,159	11 3/4	32,339				

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 MARIN CHAPTER 2.7.  
NOTE: CAPACITY TABLE APPLIES ONLY TO ULLAGE GAUGES OBTAINED WITH "MARC" GAUGING DEVICE.  
NOTE: GAUGE POINT LOCATED 1'-10" OFF CENTERLINE AND 21'-0" FORWARD OF AFT BULKHEAD.  
NOTE: CAPACITY TABLE APPLIES ONLY WHEN BARGE IS ON EVEN KEEL.  
NOTE: CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

DATE STRAPPED: 5/11/05 BY: KS-RF  
DATE COMPUTED: 5/16/05 BY: KS  
DATE ISSUED: 5/16/05

CERTIFIED TANK CALIBRATION, INC.

*D. J. Brown*

BARGE "CBC 181"

TANK NO. 1  
 ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS										GAUGE HEIGHT 16'-9 1/2"									
M	13 FT.	N	14 FT.	M	15 FT.	M	16 FT.	M	17 FT.	M	18 FT.	M	19 FT.	M	20 FT.	M	21 FT.	M	22 FT.
0	43,770	0	31,656	0	19,541	0	7,432	0		0		0		0		0		0	
1/4	43,516	1/4	31,403	1/4	19,289	1/4	7,181	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	43,265	1/2	31,151	1/2	19,037	1/2	6,930	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	43,013	3/4	30,899	3/4	18,784	3/4	6,679	3/4		3/4		3/4		3/4		3/4		3/4	
1	42,761	1	30,646	1	18,532	1	6,427	1		1		1		1		1		1	
1/4	42,508	1/4	30,394	1/4	18,279	1/4	6,176	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	42,256	1/2	30,141	1/2	18,027	1/2	5,925	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	42,004	3/4	29,889	3/4	17,775	3/4	5,674	3/4		3/4		3/4		3/4		3/4		3/4	
2	41,751	2	29,637	2	17,522	2	5,422	2		2		2		2		2		2	
1/4	41,499	1/4	29,384	1/4	17,270	1/4	5,171	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	41,246	1/2	29,132	1/2	17,017	1/2	4,920	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	40,994	3/4	28,880	3/4	16,765	3/4	4,669	3/4		3/4		3/4		3/4		3/4		3/4	
3	40,742	3	28,627	3	16,513	3	4,418	3		3		3		3		3		3	
1/4	40,489	1/4	28,375	1/4	16,260	1/4	4,166	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	40,237	1/2	28,122	1/2	16,008	1/2	3,915	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	39,984	3/4	27,870	3/4	15,756	3/4	3,664	3/4		3/4		3/4		3/4		3/4		3/4	
4	39,732	4	27,618	4	15,503	4	3,413	4		4		4		4		4		4	
1/4	39,480	1/4	27,365	1/4	15,251	1/4	3,162	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	39,227	1/2	27,113	1/2	14,999	1/2	2,910	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	38,975	3/4	26,860	3/4	14,746	3/4	2,659	3/4		3/4		3/4		3/4		3/4		3/4	
5	38,723	5	26,608	5	14,494	5	2,407	5		5		5		5		5		5	
1/4	38,470	1/4	26,356	1/4	14,241	1/4	2,156	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	38,218	1/2	26,103	1/2	13,989	1/2	1,904	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	37,965	3/4	25,851	3/4	13,736	3/4	1,653	3/4		3/4		3/4		3/4		3/4		3/4	
6	37,713	6	25,600	6	13,484	6	1,401	6		6		6		6		6		6	
1/4	37,461	1/4	25,346	1/4	13,232	1/4	1,150	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	37,208	1/2	25,094	1/2	12,979	1/2	1,107	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	36,956	3/4	24,841	3/4	12,727	3/4	1,007	3/4		3/4		3/4		3/4		3/4		3/4	
7	36,703	7	24,589	7	12,475	7	856	7		7		7		7		7		7	
1/4	36,451	1/4	24,337	1/4	12,222	1/4	729	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	36,199	1/2	24,084	1/2	11,970	1/2	603	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	35,946	3/4	23,832	3/4	11,717	3/4	477	3/4		3/4		3/4		3/4		3/4		3/4	
8	35,694	8	23,579	8	11,465	8	376	8		8		8		8		8		8	
1/4	35,442	1/4	23,327	1/4	11,213	1/4	301	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	35,189	1/2	23,075	1/2	10,960	1/2	225	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	34,937	3/4	22,822	3/4	10,708	3/4	149	3/4		3/4		3/4		3/4		3/4		3/4	
9	34,684	9	22,570	9	10,455	9	99	9		9		9		9		9		9	
1/4	34,432	1/4	22,318	1/4	10,203	1/4	74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	34,180	1/2	22,065	1/2	9,951	1/2	49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	33,927	3/4	21,813	3/4	9,698	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	33,675	10	21,560	10	9,446	10		10		10		10		10		10		10	
1/4	33,422	1/4	21,308	1/4	9,194	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	33,170	1/2	21,056	1/2	8,941	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	32,918	3/4	20,803	3/4	8,689	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	32,665	11	20,551	11	8,437	11		11		11		11		11		11		11	
1/4	32,413	1/4	20,298	1/4	8,186	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	32,161	1/2	20,046	1/2	7,935	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	31,908	3/4	19,794	3/4	7,683	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: 6/1/85 BY: KS-RP  
 DATE COMPUTED: 6/15/85 BY: KS  
 DATE ISSUED: 6/16/85

CERTIFIED TANK CALIBRATION, INC.

*Bill A. Row*



CERTIFIED TANK  
 CALIBRATION, INC.  
 6628 PARK TEXAS 77460-6628

BARGE "CBC 181"

2 PORT  
 ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS												GAUGE HEIGHT 16-3 1/2"											
M	13 FT.	M	14 FT.	M	15 FT.	M	16 FT.	M	17 FT.	M	18 FT.	M	19 FT.	M	20 FT.	M	21 FT.	M	22 FT.				
0	26,494	0	18,544	0	10,593	0	2,657	0		0		0		0		0		0					
1/4	26,329	1/4	18,378	1/4	10,428	1/4	2,492	1/4		1/4		1/4		1/4		1/4		1/4					
1/2	26,163	1/2	18,212	1/2	10,262	1/2	2,327	1/2		1/2		1/2		1/2		1/2		1/2					
3/4	25,997	3/4	18,047	3/4	10,096	3/4	2,162	3/4		3/4		3/4		3/4		3/4		3/4					
1	25,832	1	17,881	1	9,931	1	1,997	1		1		1		1		1		1					
1 1/4	25,666	1 1/4	17,716	1 1/4	9,765	1 1/4	1,832	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4					
1 1/2	25,500	1 1/2	17,550	1 1/2	9,599	1 1/2	1,667	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2					
2	25,335	2	17,384	2	9,434	2	1,501	2		2		2		2		2		2					
2 1/2	25,169	2 1/2	17,219	2 1/2	9,268	2 1/2	1,336	2 1/2		2 1/2		2 1/2		2 1/2		2 1/2		2 1/2					
3	25,004	3	17,053	3	9,102	3	1,171	3		3		3		3		3		3					
3 1/4	24,839	3 1/4	16,887	3 1/4	8,937	3 1/4	1,006	3 1/4		3 1/4		3 1/4		3 1/4		3 1/4		3 1/4					
3 1/2	24,672	3 1/2	16,722	3 1/2	8,771	3 1/2	841	3 1/2		3 1/2		3 1/2		3 1/2		3 1/2		3 1/2					
4	24,507	4	16,556	4	8,606	4	676	4		4		4		4		4		4					
4 1/4	24,341	4 1/4	16,390	4 1/4	8,440	4 1/4	511	4 1/4		4 1/4		4 1/4		4 1/4		4 1/4		4 1/4					
4 1/2	24,175	4 1/2	16,225	4 1/2	8,274	4 1/2	346	4 1/2		4 1/2		4 1/2		4 1/2		4 1/2		4 1/2					
5	24,010	5	16,059	5	8,109	5	181	5		5		5		5		5		5					
5 1/4	23,844	5 1/4	15,894	5 1/4	7,943	5 1/4	15	5 1/4		5 1/4		5 1/4		5 1/4		5 1/4		5 1/4					
5 1/2	23,678	5 1/2	15,728	5 1/2	7,777	5 1/2		5 1/2		5 1/2		5 1/2		5 1/2		5 1/2		5 1/2					
6	23,513	6	15,562	6	7,612	6		6		6		6		6		6		6					
6 1/4	23,347	6 1/4	15,397	6 1/4	7,446	6 1/4		6 1/4		6 1/4		6 1/4		6 1/4		6 1/4		6 1/4					
6 1/2	23,182	6 1/2	15,231	6 1/2	7,280	6 1/2		6 1/2		6 1/2		6 1/2		6 1/2		6 1/2		6 1/2					
7	23,016	7	15,065	7	7,115	7		7		7		7		7		7		7					
7 1/4	22,850	7 1/4	14,900	7 1/4	6,949	7 1/4		7 1/4		7 1/4		7 1/4		7 1/4		7 1/4		7 1/4					
7 1/2	22,685	7 1/2	14,734	7 1/2	6,784	7 1/2		7 1/2		7 1/2		7 1/2		7 1/2		7 1/2		7 1/2					
8	22,519	8	14,568	8	6,618	8		8		8		8		8		8		8					
8 1/4	22,353	8 1/4	14,403	8 1/4	6,452	8 1/4		8 1/4		8 1/4		8 1/4		8 1/4		8 1/4		8 1/4					
8 1/2	22,188	8 1/2	14,237	8 1/2	6,287	8 1/2		8 1/2		8 1/2		8 1/2		8 1/2		8 1/2		8 1/2					
9	22,022	9	14,072	9	6,121	9		9		9		9		9		9		9					
9 1/4	21,856	9 1/4	13,906	9 1/4	5,955	9 1/4		9 1/4		9 1/4		9 1/4		9 1/4		9 1/4		9 1/4					
9 1/2	21,691	9 1/2	13,740	9 1/2	5,790	9 1/2		9 1/2		9 1/2		9 1/2		9 1/2		9 1/2		9 1/2					
10	21,525	10	13,575	10	5,624	10		10		10		10		10		10		10					
10 1/4	21,360	10 1/4	13,409	10 1/4	5,459	10 1/4		10 1/4		10 1/4		10 1/4		10 1/4		10 1/4		10 1/4					
10 1/2	21,194	10 1/2	13,243	10 1/2	5,294	10 1/2		10 1/2		10 1/2		10 1/2		10 1/2		10 1/2		10 1/2					
11	21,028	11	13,078	11	5,130	11		11		11		11		11		11		11					
11 1/4	20,863	11 1/4	12,912	11 1/4	4,965	11 1/4		11 1/4		11 1/4		11 1/4		11 1/4		11 1/4		11 1/4					
11 1/2	20,697	11 1/2	12,746	11 1/2	4,800	11 1/2		11 1/2		11 1/2		11 1/2		11 1/2		11 1/2		11 1/2					
12	20,531	12	12,581	12	4,635	12		12		12		12		12		12		12					
12 1/4	20,366	12 1/4	12,415	12 1/4	4,470	12 1/4		12 1/4		12 1/4		12 1/4		12 1/4		12 1/4		12 1/4					
12 1/2	20,200	12 1/2	12,250	12 1/2	4,305	12 1/2		12 1/2		12 1/2		12 1/2		12 1/2		12 1/2		12 1/2					
13	20,034	13	12,084	13	4,140	13		13		13		13		13		13		13					
13 1/4	19,869	13 1/4	11,919	13 1/4	3,975	13 1/4		13 1/4		13 1/4		13 1/4		13 1/4		13 1/4		13 1/4					
13 1/2	19,703	13 1/2	11,753	13 1/2	3,811	13 1/2		13 1/2		13 1/2		13 1/2		13 1/2		13 1/2		13 1/2					
14	19,539	14	11,587	14	3,646	14		14		14		14		14		14		14					
14 1/4	19,372	14 1/4	11,421	14 1/4	3,481	14 1/4		14 1/4		14 1/4		14 1/4		14 1/4		14 1/4		14 1/4					
14 1/2	19,206	14 1/2	11,256	14 1/2	3,316	14 1/2		14 1/2		14 1/2		14 1/2		14 1/2		14 1/2		14 1/2					
15	19,041	15	11,090	15	3,151	15		15		15		15		15		15		15					
15 1/4	18,875	15 1/4	10,924	15 1/4	2,986	15 1/4		15 1/4		15 1/4		15 1/4		15 1/4		15 1/4		15 1/4					
15 1/2	18,709	15 1/2	10,759	15 1/2	2,822	15 1/2		15 1/2		15 1/2		15 1/2		15 1/2		15 1/2		15 1/2					

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

DATE STRAPPED: 6/11/85 BY: K3-RF  
 DATE COMPUTED: 6/15/85 BY: KS  
 DATE ISSUED: 6/16/85

CERTIFIED TANK CALIBRATION, INC.

0122

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	IN	IN
0	27,552	0	19,583	0	11,614	0	3,654	0	1,489	0	1,489	0	1,489	0	1,489	0	1,489	0	1,489	0	1,489
1/4	27,386	1/4	19,417	1/4	11,448	1/4	3,489	1/4	3,324	1/4	3,158	1/4	2,993	1/4	2,828	1/4	2,663	1/4	2,498	1/4	2,332
1/2	27,220	1/2	19,251	1/2	11,282	1/2	3,244	1/2	3,079	1/2	2,913	1/2	2,748	1/2	2,583	1/2	2,418	1/2	2,253	1/2	2,087
3/4	27,054	3/4	19,085	3/4	11,116	3/4	3,064	3/4	2,900	3/4	2,735	3/4	2,570	3/4	2,405	3/4	2,240	3/4	2,075	3/4	1,910
1	26,887	1	18,919	1	10,950	1	2,880	1	2,715	1	2,550	1	2,385	1	2,220	1	2,055	1	1,890	1	1,725
1/4	26,721	1/4	18,753	1/4	10,784	1/4	2,698	1/4	2,533	1/4	2,368	1/4	2,203	1/4	2,038	1/4	1,873	1/4	1,708	1/4	1,543
1/2	26,555	1/2	18,587	1/2	10,618	1/2	2,498	1/2	2,332	1/2	2,167	1/2	2,002	1/2	1,837	1/2	1,672	1/2	1,507	1/2	1,342
3/4	26,389	3/4	18,421	3/4	10,452	3/4	2,332	3/4	2,167	3/4	2,002	3/4	1,837	3/4	1,672	3/4	1,507	3/4	1,342	3/4	1,177
2	26,223	2	18,255	2	10,286	2	2,167	2	2,002	2	1,837	2	1,672	2	1,507	2	1,342	2	1,177	2	1,012
1/4	26,057	1/4	18,089	1/4	10,120	1/4	2,002	1/4	1,837	1/4	1,672	1/4	1,507	1/4	1,342	1/4	1,177	1/4	1,012	1/4	847
1/2	25,891	1/2	17,922	1/2	9,954	1/2	1,837	1/2	1,672	1/2	1,507	1/2	1,342	1/2	1,177	1/2	1,012	1/2	847	1/2	682
3/4	25,725	3/4	17,756	3/4	9,788	3/4	1,672	3/4	1,507	3/4	1,342	3/4	1,177	3/4	1,012	3/4	847	3/4	682	3/4	517
3	25,559	3	17,590	3	9,622	3	1,507	3	1,342	3	1,177	3	1,012	3	847	3	682	3	517	3	352
1/4	25,393	1/4	17,424	1/4	9,456	1/4	1,342	1/4	1,177	1/4	1,012	1/4	847	1/4	682	1/4	517	1/4	352	1/4	187
1/2	25,227	1/2	17,258	1/2	9,290	1/2	1,177	1/2	1,012	1/2	847	1/2	682	1/2	517	1/2	352	1/2	187	1/2	21
3/4	25,061	3/4	17,092	3/4	9,124	3/4	1,012	3/4	847	3/4	682	3/4	517	3/4	352	3/4	187	3/4	21	3/4	
4	24,895	4	16,926	4	8,958	4	847	4	682	4	517	4	352	4	187	4	21	4		4	
1/4	24,729	1/4	16,760	1/4	8,791	1/4	682	1/4	517	1/4	352	1/4	187	1/4	21	1/4		1/4		1/4	
1/2	24,563	1/2	16,594	1/2	8,625	1/2	517	1/2	352	1/2	187	1/2	21	1/2		1/2		1/2		1/2	
3/4	24,397	3/4	16,428	3/4	8,459	3/4	352	3/4	187	3/4	21	3/4		3/4		3/4		3/4		3/4	
5	24,231	5	16,262	5	8,293	5	187	5	21	5		5		5		5		5		5	
1/4	24,065	1/4	16,096	1/4	8,127	1/4	21	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	23,899	1/2	15,930	1/2	7,961	1/2	443	1/2	360	1/2	360	1/2	360	1/2	360	1/2	360	1/2	360	1/2	360
3/4	23,733	3/4	15,764	3/4	7,795	3/4	360	3/4	360	3/4	360	3/4	360	3/4	360	3/4	360	3/4	360	3/4	360
6	23,567	6	15,598	6	7,629	6	360	6	360	6	360	6	360	6	360	6	360	6	360	6	360
1/4	23,401	1/4	15,432	1/4	7,463	1/4	360	1/4	360	1/4	360	1/4	360	1/4	360	1/4	360	1/4	360	1/4	360
1/2	23,235	1/2	15,266	1/2	7,297	1/2	360	1/2	360	1/2	360	1/2	360	1/2	360	1/2	360	1/2	360	1/2	360
3/4	23,069	3/4	15,100	3/4	7,131	3/4	360	3/4	360	3/4	360	3/4	360	3/4	360	3/4	360	3/4	360	3/4	360
7	22,903	7	14,934	7	6,965	7	360	7	360	7	360	7	360	7	360	7	360	7	360	7	360
1/4	22,737	1/4	14,768	1/4	6,799	1/4	360	1/4	360	1/4	360	1/4	360	1/4	360	1/4	360	1/4	360	1/4	360
1/2	22,571	1/2	14,602	1/2	6,633	1/2	360	1/2	360	1/2	360	1/2	360	1/2	360	1/2	360	1/2	360	1/2	360
3/4	22,405	3/4	14,436	3/4	6,467	3/4	360	3/4	360	3/4	360	3/4	360	3/4	360	3/4	360	3/4	360	3/4	360
8	22,239	8	14,270	8	6,301	8	360	8	360	8	360	8	360	8	360	8	360	8	360	8	360
1/4	22,073	1/4	14,104	1/4	6,135	1/4	360	1/4	360	1/4	360	1/4	360	1/4	360	1/4	360	1/4	360	1/4	360
1/2	21,907	1/2	13,938	1/2	5,969	1/2	360	1/2	360	1/2	360	1/2	360	1/2	360	1/2	360	1/2	360	1/2	360
3/4	21,741	3/4	13,772	3/4	5,803	3/4	360	3/4	360	3/4	360	3/4	360	3/4	360	3/4	360	3/4	360	3/4	360
9	21,575	9	13,606	9	5,637	9	360	9	360	9	360	9	360	9	360	9	360	9	360	9	360
1/4	21,409	1/4	13,440	1/4	5,472	1/4	360	1/4	360	1/4	360	1/4	360	1/4	360	1/4	360	1/4	360	1/4	360
1/2	21,243	1/2	13,274	1/2	5,307	1/2	360	1/2	360	1/2	360	1/2	360	1/2	360	1/2	360	1/2	360	1/2	360
3/4	21,077	3/4	13,108	3/4	5,141	3/4	360	3/4	360	3/4	360	3/4	360	3/4	360	3/4	360	3/4	360	3/4	360
10	20,911	10	12,942	10	4,976	10	360	10	360	10	360	10	360	10	360	10	360	10	360	10	360
1/4	20,745	1/4	12,776	1/4	4,811	1/4	360	1/4	360	1/4	360	1/4	360	1/4	360	1/4	360	1/4	360	1/4	360
1/2	20,579	1/2	12,610	1/2	4,646	1/2	360	1/2	360	1/2	360	1/2	360	1/2	360	1/2	360	1/2	360	1/2	360
3/4	20,413	3/4	12,444	3/4	4,480	3/4	360	3/4	360	3/4	360	3/4	360	3/4	360	3/4	360	3/4	360	3/4	360
11	20,247	11	12,278	11	4,315	11	360	11	360	11	360	11	360	11	360	11	360	11	360	11	360
1/4	20,081	1/4	12,112	1/4	4,150	1/4	360	1/4	360	1/4	360	1/4	360	1/4	360	1/4	360	1/4	360	1/4	360
1/2	19,915	1/2	11,946	1/2	3,985	1/2	360	1/2	360	1/2	360	1/2	360	1/2	360	1/2	360	1/2	360	1/2	360
3/4	19,749	3/4	11,780	3/4	3,819	3/4	360	3/4	360	3/4	360	3/4	360	3/4	360	3/4	360	3/4	360	3/4	360

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CERTIFIED TANK CALIBRATION, INC.

*Paul A. Rose*

DATE STRAPPED: 5/11/05 BY: KS-RH  
DATE COMPUTED: 5/15/05 BY: KS  
DATE ISSUED: 5/16/05

BARGE "CBC 181"

2 STBD  
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS												GAUGE HEIGHT 18" ± 3/4"							
M	3 FT.	M	4 FT.	M	5 FT.	M	6 FT.	M	7 FT.	M	8 FT.	M	9 FT.	M	10 FT.	M	11 FT.	M	12 FT.
0		0	99,272	0	91,303	0	83,334	0	75,365	0	67,396	0	59,427	0	51,458	0	43,489	0	35,520
1/4	1/4	1/4	98,105	1/4	91,137	1/4	83,168	1/4	75,199	1/4	67,230	1/4	59,261	1/4	51,292	1/4	43,323	1/4	35,354
1/2	1/2	1/2	88,838	1/2	90,571	1/2	83,002	1/2	75,033	1/2	67,064	1/2	59,095	1/2	51,126	1/2	43,157	1/2	35,188
3/4	3/4	3/4	98,773	3/4	90,505	3/4	82,636	3/4	74,867	3/4	66,898	3/4	58,929	3/4	50,960	3/4	42,991	3/4	35,022
1	1	1	98,607	1	90,539	1	82,670	1	74,701	1	66,732	1	58,763	1	50,794	1	42,825	1	34,856
1/4	1/4	1/4	98,441	1/4	90,473	1/4	82,504	1/4	74,535	1/4	66,566	1/4	58,597	1/4	50,628	1/4	42,659	1/4	34,687
1/2	1/2	1/2	98,275	1/2	90,307	1/2	82,338	1/2	74,369	1/2	66,400	1/2	58,431	1/2	50,462	1/2	42,493	1/2	34,518
3/4	3/4	3/4	98,109	3/4	90,141	3/4	82,172	3/4	74,203	3/4	66,234	3/4	58,265	3/4	50,296	3/4	42,327	3/4	34,358
2	2	2	97,943	2	89,974	2	82,006	2	74,037	2	66,068	2	58,099	2	50,130	2	42,161	2	34,192
1/4	1/4	1/4	97,777	1/4	89,808	1/4	81,840	1/4	73,871	1/4	65,902	1/4	57,933	1/4	49,964	1/4	41,995	1/4	34,028
1/2	1/2	1/2	97,611	1/2	89,642	1/2	81,674	1/2	73,705	1/2	65,736	1/2	57,767	1/2	49,798	1/2	41,829	1/2	33,864
3/4	3/4	3/4	97,445	3/4	89,476	3/4	81,508	3/4	73,539	3/4	65,570	3/4	57,601	3/4	49,632	3/4	41,663	3/4	33,694
3	3	3	97,279	3	89,310	3	81,342	3	73,373	3	65,404	3	57,435	3	49,468	3	41,497	3	33,528
1/4	1/4	1/4	97,113	1/4	89,144	1/4	81,176	1/4	73,207	1/4	65,238	1/4	57,269	1/4	49,300	1/4	41,331	1/4	33,362
1/2	1/2	1/2	96,947	1/2	88,978	1/2	81,009	1/2	73,041	1/2	65,072	1/2	57,103	1/2	49,134	1/2	41,165	1/2	33,196
3/4	3/4	3/4	96,781	3/4	88,812	3/4	80,843	3/4	72,875	3/4	64,906	3/4	56,937	3/4	48,968	3/4	40,999	3/4	33,030
4	4	4	96,615	4	88,646	4	80,677	4	72,709	4	64,740	4	56,771	4	48,802	4	40,833	4	32,864
1/4	1/4	1/4	96,449	1/4	88,480	1/4	80,511	1/4	72,543	1/4	64,574	1/4	56,605	1/4	48,636	1/4	40,667	1/4	32,698
1/2	1/2	1/2	96,283	1/2	88,314	1/2	80,345	1/2	72,377	1/2	64,408	1/2	56,439	1/2	48,470	1/2	40,501	1/2	32,532
3/4	3/4	3/4	96,117	3/4	88,148	3/4	80,179	3/4	72,211	3/4	64,242	3/4	56,273	3/4	48,304	3/4	40,335	3/4	32,366
5	5	5	95,951	5	87,982	5	80,013	5	72,044	5	64,076	5	56,107	5	48,138	5	40,169	5	32,200
1/4	1/4	1/4	95,785	1/4	87,816	1/4	79,847	1/4	71,878	1/4	63,910	1/4	55,941	1/4	47,972	1/4	39,817	1/4	32,034
1/2	1/2	1/2	95,619	1/2	87,650	1/2	79,681	1/2	71,712	1/2	63,744	1/2	55,775	1/2	47,806	1/2	39,651	1/2	31,868
3/4	3/4	3/4	95,453	3/4	87,484	3/4	79,515	3/4	71,546	3/4	63,578	3/4	55,609	3/4	47,640	3/4	39,485	3/4	31,702
6	6	6	95,287	6	87,318	6	79,349	6	71,380	6	63,412	6	55,443	6	47,474	6	39,319	6	31,536
1/4	1/4	1/4	95,121	1/4	87,152	1/4	79,183	1/4	71,214	1/4	63,246	1/4	55,277	1/4	47,308	1/4	39,153	1/4	31,370
1/2	1/2	1/2	94,955	1/2	86,986	1/2	79,017	1/2	71,048	1/2	63,080	1/2	55,111	1/2	47,142	1/2	38,987	1/2	31,204
3/4	3/4	3/4	94,789	3/4	86,820	3/4	78,851	3/4	70,882	3/4	62,913	3/4	54,945	3/4	46,976	3/4	38,821	3/4	31,038
7	7	7	94,623	7	86,654	7	78,685	7	70,716	7	62,747	7	54,779	7	46,810	7	38,655	7	30,872
1/4	1/4	1/4	94,457	1/4	86,488	1/4	78,519	1/4	70,550	1/4	62,581	1/4	54,613	1/4	46,644	1/4	38,489	1/4	30,706
1/2	1/2	1/2	94,291	1/2	86,322	1/2	78,353	1/2	70,384	1/2	62,415	1/2	54,447	1/2	46,478	1/2	38,323	1/2	30,540
3/4	3/4	3/4	94,125	3/4	86,156	3/4	78,187	3/4	70,218	3/4	62,249	3/4	54,281	3/4	46,312	3/4	38,157	3/4	30,374
8	8	8	93,959	8	85,990	8	78,021	8	70,052	8	62,083	8	54,115	8	46,146	8	38,001	8	30,208
1/4	1/4	1/4	93,793	1/4	85,824	1/4	77,855	1/4	69,886	1/4	61,917	1/4	53,948	1/4	45,980	1/4	37,835	1/4	30,042
1/2	1/2	1/2	93,627	1/2	85,658	1/2	77,689	1/2	69,720	1/2	61,751	1/2	53,782	1/2	45,814	1/2	37,669	1/2	29,876
3/4	3/4	3/4	93,461	3/4	85,492	3/4	77,523	3/4	69,554	3/4	61,585	3/4	53,616	3/4	45,648	3/4	37,503	3/4	29,710
9	9	9	93,295	9	85,326	9	77,357	9	69,388	9	61,419	9	53,450	9	45,482	9	37,337	9	29,544
1/4	1/4	1/4	93,129	1/4	85,160	1/4	77,191	1/4	69,222	1/4	61,253	1/4	53,284	1/4	45,316	1/4	37,171	1/4	29,378
1/2	1/2	1/2	92,963	1/2	84,994	1/2	77,025	1/2	69,056	1/2	61,087	1/2	53,118	1/2	45,150	1/2	37,005	1/2	29,212
3/4	3/4	3/4	92,797	3/4	84,828	3/4	76,859	3/4	68,890	3/4	60,921	3/4	52,952	3/4	44,983	3/4	36,839	3/4	29,046
10	10	10	92,631	10	84,662	10	76,693	10	68,724	10	60,755	10	52,786	10	44,817	10	36,673	10	28,880
1/4	1/4	1/4	92,465	1/4	84,496	1/4	76,527	1/4	68,558	1/4	60,589	1/4	52,620	1/4	44,651	1/4	36,509	1/4	28,714
1/2	1/2	1/2	92,299	1/2	84,330	1/2	76,361	1/2	68,392	1/2	60,423	1/2	52,454	1/2	44,485	1/2	36,343	1/2	28,548
3/4	3/4	3/4	92,133	3/4	84,164	3/4	76,195	3/4	68,226	3/4	60,257	3/4	52,288	3/4	44,319	3/4	36,177	3/4	28,382
11	11	11	91,967	11	83,998	11	76,029	11	68,060	11	60,091	11	52,122	11	44,153	11	36,011	11	28,216
1/4	1/4	1/4	91,801	1/4	83,832	1/4	75,863	1/4	67,894	1/4	59,925	1/4	51,956	1/4	43,987	1/4	35,845	1/4	28,050
1/2	1/2	1/2	91,635	1/2	83,666	1/2	75,697	1/2	67,728	1/2	59,759	1/2	51,790	1/2	43,821	1/2	35,679	1/2	27,884
3/4	3/4	3/4	91,469	3/4	83,500	3/4	75,531	3/4	67,562	3/4	59,593	3/4	51,624	3/4	43,655	3/4	35,513	3/4	27,718

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 COMPLETED IN ACCORDANCE WITH IAPWS CHAPTER 2.7.  
NOTE: CAPACITY TABLE APPLIES ONLY TO ULLAGE GAUGES OBTAINED WITH TANK GAUGING DEVICE.  
NOTE: GAUGE POINT LOCATED 10'-6" OFF CENTERLINE AND 25'-6" FORWARD OF AFT BALLHEAD.  
NOTE: CAPACITY TABLE APPLIES ONLY WHEN BARGE IS ON EVEN KEEL.  
NOTE: CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

DATE STRAPPED: 6/11/05 BY: KS-RF  
DATE COMPLETED: 6/16/05 BY: KS  
DATE ISSUED: 6/16/05

CERTIFIED TANK CALIBRATION, INC.

0152

**CERTIFIED TANK**  
**CALBRATION, INC.**  
 DEPT TANK, TEXAS 77344-0001

**BARGE "CBC 181"**

**3 PORT**  
**VILLAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS												GAUGE HEIGHT 10'-3 1/2"											
N	3 FT.	M	4 FT.	M	5 FT.	M	6 FT.	M	7 FT.	M	8 FT.	M	9 FT.	M	10 FT.	M	11 FT.	M	12 FT.				
0	0	0	98,293	0	90,314	0	82,344	0	74,375	0	66,405	0	58,436	0	50,466	0	42,497	0	34,527				
1/4	1/4	1/2	98,117	1/2	90,148	1/4	82,178	1/4	74,209	1/4	66,239	1/4	58,270	1/4	50,300	1/4	42,331	1/4	34,361				
1/2	1/2	3/4	97,951	3/4	89,982	1/2	82,012	1/2	74,043	1/2	66,073	1/2	58,104	1/2	50,134	1/2	42,165	1/2	34,195				
3/4	3/4	1	97,785	1	89,816	3/4	81,846	3/4	73,877	3/4	65,907	3/4	57,938	3/4	49,968	3/4	41,999	3/4	34,029				
1	1	1 1/4	97,619	1 1/4	89,650	1	81,680	1	73,711	1	65,741	1	57,772	1	49,802	1	41,833	1	33,863				
1 1/4	1 1/4	1 1/2	97,453	1 1/2	89,484	1 1/4	81,514	1 1/4	73,545	1 1/4	65,575	1 1/4	57,606	1 1/4	49,636	1 1/4	41,667	1 1/4	33,697				
1 1/2	1 1/2	1 3/4	97,287	1 3/4	89,318	1 1/2	81,344	1 1/2	73,379	1 1/2	65,409	1 1/2	57,440	1 1/2	49,470	1 1/2	41,500	1 1/2	33,531				
1 3/4	1 3/4	2	97,121	2	89,152	3/4	81,182	3/4	73,213	3/4	65,243	3/4	57,274	3/4	49,304	3/4	41,334	3/4	33,365				
2	2	2 1/4	96,955	2 1/4	88,986	2	81,016	2	73,047	2	65,077	2	57,107	2	49,138	2	41,168	2	33,199				
2 1/4	2 1/4	2 1/2	96,789	2 1/2	88,820	2 1/4	80,850	2 1/4	72,881	2 1/4	64,911	2 1/4	56,941	2 1/4	48,972	2 1/4	41,002	2 1/4	33,033				
2 1/2	2 1/2	2 3/4	96,623	2 3/4	88,654	2 1/2	80,684	2 1/2	72,714	2 1/2	64,745	2 1/2	56,775	2 1/2	48,806	2 1/2	40,836	2 1/2	32,867				
2 3/4	2 3/4	3	96,457	3	88,488	3/4	80,518	3/4	72,548	3/4	64,579	3/4	56,609	3/4	48,640	3/4	40,670	3/4	32,701				
3	3	3 1/4	96,291	3 1/4	88,321	3	80,352	3	72,382	3	64,413	3	56,443	3	48,474	3	40,504	3	32,535				
3 1/4	3 1/4	3 1/2	96,125	3 1/2	88,155	3 1/4	80,186	3 1/4	72,216	3 1/4	64,247	3 1/4	56,277	3 1/4	48,308	3 1/4	40,338	3 1/4	32,369				
3 1/2	3 1/2	3 3/4	95,959	3 3/4	87,989	3 1/2	80,020	3 1/2	72,050	3 1/2	64,081	3 1/2	56,111	3 1/2	48,142	3 1/2	40,172	3 1/2	32,203				
3 3/4	3 3/4	4	95,793	4	87,823	3 3/4	79,854	3 3/4	71,884	3 3/4	63,915	3 3/4	55,945	3 3/4	47,976	3 3/4	40,006	3 3/4	32,037				
4	4	4 1/4	95,627	4 1/4	87,657	4	79,688	4	71,718	4	63,749	4	55,779	4	47,810	4	39,840	4	31,871				
4 1/4	4 1/4	4 1/2	95,461	4 1/2	87,491	4 1/4	79,522	4 1/4	71,552	4 1/4	63,583	4 1/4	55,613	4 1/4	47,644	4 1/4	39,674	4 1/4	31,705				
4 1/2	4 1/2	4 3/4	95,295	4 3/4	87,325	4 1/2	79,356	4 1/2	71,386	4 1/2	63,417	4 1/2	55,447	4 1/2	47,478	4 1/2	39,508	4 1/2	31,539				
4 3/4	4 3/4	5	95,129	5	87,159	4 3/4	79,190	4 3/4	71,220	4 3/4	63,251	4 3/4	55,281	4 3/4	47,312	4 3/4	39,342	4 3/4	31,373				
5	5	5 1/4	94,963	5 1/4	86,993	5	79,024	5	71,054	5	63,085	5	55,115	5	47,146	5	39,176	5	31,207				
5 1/4	5 1/4	5 1/2	94,797	5 1/2	86,827	5 1/4	78,858	5 1/4	70,889	5 1/4	62,919	5 1/4	54,949	5 1/4	46,980	5 1/4	39,010	5 1/4	31,040				
5 1/2	5 1/2	5 3/4	94,631	5 3/4	86,661	5 1/2	78,692	5 1/2	70,722	5 1/2	62,753	5 1/2	54,783	5 1/2	46,814	5 1/2	38,844	5 1/2	30,874				
5 3/4	5 3/4	6	94,465	6	86,495	5 3/4	78,526	5 3/4	70,556	5 3/4	62,587	5 3/4	54,617	5 3/4	46,647	5 3/4	38,678	5 3/4	30,708				
6	6	6 1/4	94,299	6 1/4	86,329	6	78,360	6	70,390	6	62,421	6	54,451	6	46,481	6	38,512	6	30,542				
6 1/4	6 1/4	6 1/2	94,133	6 1/2	86,163	6 1/4	78,194	6 1/4	70,224	6 1/4	62,254	6 1/4	54,285	6 1/4	46,315	6 1/4	38,346	6 1/4	30,376				
6 1/2	6 1/2	6 3/4	93,967	6 3/4	85,997	6 1/2	78,028	6 1/2	70,058	6 1/2	62,088	6 1/2	54,119	6 1/2	46,149	6 1/2	38,180	6 1/2	30,210				
6 3/4	6 3/4	7	93,801	7	85,831	6 3/4	77,861	7	69,892	7	61,922	7	53,953	7	45,983	7	38,014	7	29,044				
7	7	7 1/4	93,635	7 1/4	85,665	7	77,695	7	69,726	7	61,755	7	53,787	7	45,817	7	37,848	7	28,878				
7 1/4	7 1/4	7 1/2	93,469	7 1/2	85,499	7 1/4	77,529	7 1/4	69,560	7 1/4	61,590	7 1/4	53,621	7 1/4	45,651	7 1/4	37,682	7 1/4	28,712				
7 1/2	7 1/2	7 3/4	93,302	7 3/4	85,333	7 1/2	77,363	7 1/2	69,394	7 1/2	61,424	7 1/2	53,455	7 1/2	45,485	7 1/2	37,516	7 1/2	28,546				
7 3/4	7 3/4	8	93,136	8	85,167	7 3/4	77,197	8	69,228	8	61,258	8	53,289	8	45,319	8	37,350	8	28,380				
8	8	8 1/4	92,970	8 1/4	85,001	8	77,031	8	69,062	8	61,082	8	53,123	8	45,153	8	37,184	8	28,214				
8 1/4	8 1/4	8 1/2	92,804	8 1/2	84,835	8 1/4	76,865	8 1/4	68,896	8 1/4	60,926	8 1/4	52,957	8 1/4	44,987	8 1/4	37,018	8 1/4	28,048				
8 1/2	8 1/2	8 3/4	92,639	8 3/4	84,669	8 1/2	76,699	8 1/2	68,730	8 1/2	60,759	8 1/2	52,791	8 1/2	44,821	8 1/2	36,852	8 1/2	27,882				
8 3/4	8 3/4	9	92,472	9	84,503	8 3/4	76,533	9	68,564	9	60,594	9	52,625	9	44,655	9	36,686	9	27,716				
9	9	9 1/4	92,306	9 1/4	84,337	9	76,367	9	68,398	9	60,428	9	52,459	9	44,489	9	36,520	9	27,550				
9 1/4	9 1/4	9 1/2	92,140	9 1/2	84,171	9 1/4	76,201	9 1/4	68,232	9 1/4	60,262	9 1/4	52,293	9 1/4	44,323	9 1/4	36,354	9 1/4	27,384				
9 1/2	9 1/2	9 3/4	91,974	9 3/4	84,005	9 1/2	76,035	9 1/2	68,066	9 1/2	60,096	9 1/2	52,127	9 1/2	44,157	9 1/2	36,188	9 1/2	27,218				
9 3/4	9 3/4	10	91,808	10	83,839	9 3/4	75,869	10	67,899	10	59,929	10	51,959	10	43,828	10	36,021	10	27,052				
10	10	10 1/4	91,642	10 1/4	83,673	10	75,703	10	67,734	10	59,764	10	51,794	10	43,662	10	35,855	10	26,886				
10 1/4	10 1/4	10 1/2	91,476	10 1/2	83,507	10 1/4	75,537	10 1/4	67,567	10 1/4	59,598	10 1/4	51,628	10 1/4	43,496	10 1/4	35,689	10 1/4	26,720				
10 1/2	10 1/2	10 3/4	91,310	10 3/4	83,341	10 1/2	75,371	10 1/2	67,401	10 1/2	59,432	10 1/2	51,458	10 1/2	43,330	10 1/2	35,523	10 1/2	26,554				
10 3/4	10 3/4	11	91,144	11	83,174	10 3/4	75,205	11	67,235	11	59,268	11	51,298	11	43,164	11	35,357	11	26,388				
11	11	11 1/4	90,978	11 1/4	83,008	11	75,039	11	67,069	11	59,100	11	51,130	11	43,000	11	35,191	11	26,222				
11 1/4	11 1/4	11 1/2	90,812	11 1/2	82,842	11 1/4	74,873	11 1/4	66,903	11 1/4	58,934	11 1/4	50,964	11 1/4	42,835	11 1/4	35,025	11 1/4	26,056				
11 1/2	11 1/2	11 3/4	90,646	11 3/4	82,676	11 1/2	74,707	11 1/2	66,737	11 1/2	58,769	11 1/2	50,798	11 1/2	42,669	11 1/2	34,859	11 1/2	25,890				
11 3/4	11 3/4	12	90,480	12	82,510	11 3/4	74,541	12	66,571	12	58,602	12	50,632	12	42,503	12	34,693	12	25,724				

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 IAPWS CHAPTER 2.7.  
 NOTE: CAPACITY TABLE APPLIES ONLY TO VILLAGE GAUGES OBTAINED WITH TANC-GAUGING DEVICE.  
 NOTE: GAUGE POINT LOCATED 18'-8" OFF CENTERLINE AND 28'-0" FORWARD OF AFT BULKHEAD.  
 NOTE: CAPACITY TABLE APPLIES ONLY WHEN BARGE IS ON EVEN KEEL.  
 NOTE: CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

DATE STRAPPED: 5/1/05 BY: KRS-RF  
 DATE COMPUTED: 5/16/05 BY: KS  
 DATE ISSUED: 5/16/05

CERTIFIED TANK CALIBRATION, INC.  
*Bill A. Rose*

BARGE "CBC 181"

3 PORT  
 ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

H	13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		20 FT.		21 FT.		22 FT.	
	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
0	28,558	0	18,588	0	10,619	0	2,663	0												
1/4	28,392	1/4	18,422	1/4	10,453	1/4	2,496	1/4												
1/2	26,226	1/2	18,256	1/2	10,286	1/2	2,332	1/2												
3/4	25,060	3/4	18,090	3/4	10,120	3/4	2,167	3/4												
1	25,893	1	17,924	1	9,954	1	2,002	1												
1/4	25,727	1/4	17,758	1/4	9,788	1/4	1,837	1/4												
1/2	25,561	1/2	17,592	1/2	9,622	1/2	1,671	1/2												
3/4	25,395	3/4	17,426	3/4	9,456	3/4	1,506	3/4												
2	25,229	2	17,260	2	9,290	2	1,341	2												
1/4	25,063	1/4	17,094	1/4	9,124	1/4	1,175	1/4												
1/2	24,897	1/2	16,928	1/2	8,958	1/2	1,009	1/2												
3/4	24,731	3/4	16,762	3/4	8,792	3/4	843	3/4												
3	24,565	3	16,596	3	8,626	3	677	3												
1/4	24,399	1/4	16,430	1/4	8,460	1/4	511	1/4												
1/2	24,233	1/2	16,264	1/2	8,294	1/2	345	1/2												
3/4	24,067	3/4	16,098	3/4	8,128	3/4	179	3/4												
4	23,901	4	15,932	4	7,962	4	13	4												
1/4	23,735	1/4	15,766	1/4	7,796	1/4	2	1/4												
1/2	23,569	1/2	15,600	1/2	7,630	1/2	1	1/2												
3/4	23,403	3/4	15,434	3/4	7,464	3/4	0	3/4												
5	23,237	5	15,267	5	7,298	5	0	5												
1/4	23,071	1/4	15,101	1/4	7,132	1/4	0	1/4												
1/2	22,905	1/2	14,935	1/2	6,966	1/2	0	1/2												
3/4	22,739	3/4	14,769	3/4	6,800	3/4	0	3/4												
6	22,573	6	14,603	6	6,634	6	0	6												
1/4	22,407	1/4	14,437	1/4	6,468	1/4	0	1/4												
1/2	22,241	1/2	14,271	1/2	6,302	1/2	0	1/2												
3/4	22,075	3/4	14,105	3/4	6,136	3/4	0	3/4												
7	21,909	7	13,939	7	5,970	7	0	7												
1/4	21,743	1/4	13,773	1/4	5,804	1/4	0	1/4												
1/2	21,577	1/2	13,607	1/2	5,638	1/2	0	1/2												
3/4	21,411	3/4	13,441	3/4	5,472	3/4	0	3/4												
8	21,245	8	13,275	8	5,307	8	0	8												
1/4	21,079	1/4	13,109	1/4	5,142	1/4	0	1/4												
1/2	20,913	1/2	12,943	1/2	4,977	1/2	0	1/2												
3/4	20,746	3/4	12,777	3/4	4,811	3/4	0	3/4												
9	20,580	9	12,611	9	4,646	9	0	9												
1/4	20,414	1/4	12,445	1/4	4,481	1/4	0	1/4												
1/2	20,248	1/2	12,279	1/2	4,316	1/2	0	1/2												
3/4	20,082	3/4	12,113	3/4	4,150	3/4	0	3/4												
10	19,916	10	11,947	10	3,985	10	0	10												
1/4	19,750	1/4	11,781	1/4	3,820	1/4	0	1/4												
1/2	19,584	1/2	11,615	1/2	3,655	1/2	0	1/2												
3/4	19,418	3/4	11,449	3/4	3,489	3/4	0	3/4												
11	19,252	11	11,283	11	3,324	11	0	11												
1/4	19,086	1/4	11,117	1/4	3,159	1/4	0	1/4												
1/2	18,920	1/2	10,951	1/2	2,993	1/2	0	1/2												
3/4	18,754	3/4	10,785	3/4	2,828	3/4	0	3/4												

GAUGE HEIGHT: 16'-3 1/2"

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

DATE STRAPPED: 5/1/06 BY: KS-RF  
 DATE COMPUTED: 5/1/06 BY: KS  
 DATE ISSUED: 6/1/06

CERTIFIED TANK CALIBRATION, INC.

*John A. R...*



**CERTIFIED TANK  
CALIBRATION, INC.**  
DEPT. 1100 17046 714-430-0000

**BARGE "CBC 181"**

**3 STBD  
ULLAGE TABLE**

CAPACITIES GIVEN IN WHOSE GALLONS

IN	13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		20 FT.		21 FT.		22 FT.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
0	27,345	0	19,363	0	11,382	0	3,412	0												
1/4	27,178	1/4	19,197	1/4	11,216	1/4	3,246	1/4												
1/2	27,012	1/2	19,031	1/2	11,051	1/2	3,081	1/2												
3/4	26,846	3/4	18,865	3/4	10,885	3/4	2,915	3/4												
1	26,679	1	18,698	1	10,717	1	2,750	1												
1/4	26,513	1/4	18,532	1/4	10,551	1/4	2,584	1/4												
1/2	26,347	1/2	18,365	1/2	10,385	1/2	2,419	1/2												
3/4	26,181	3/4	18,200	3/4	10,218	3/4	2,253	3/4												
2	26,014	2	18,033	2	10,052	2	2,088	2												
1/4	25,848	1/4	17,867	1/4	9,886	1/4	1,922	1/4												
1/2	25,682	1/2	17,701	1/2	9,720	1/2	1,757	1/2												
3/4	25,516	3/4	17,534	3/4	9,553	3/4	1,591	3/4												
3	25,349	3	17,368	3	9,387	3	1,426	3												
1/4	25,183	1/4	17,202	1/4	9,221	1/4	1,260	1/4												
1/2	25,017	1/2	17,036	1/2	9,054	1/2	1,100	1/2												
3/4	24,850	3/4	16,869	3/4	8,888	3/4	1,017	3/4												
4	24,684	4	16,703	4	8,722	4	901	4												
1/4	24,518	1/4	16,537	1/4	8,556	1/4	784	1/4												
1/2	24,352	1/2	16,370	1/2	8,390	1/2	668	1/2												
3/4	24,185	3/4	16,204	3/4	8,223	3/4	552	3/4												
5	24,019	5	16,038	5	8,057	5	435	5												
1/4	23,853	1/4	15,872	1/4	7,891	1/4	319	1/4												
1/2	23,687	1/2	15,705	1/2	7,724	1/2	202	1/2												
3/4	23,520	3/4	15,539	3/4	7,558	3/4	86	3/4												
6	23,354	6	15,373	6	7,392	6		6												
1/4	23,188	1/4	15,207	1/4	7,225	1/4														
1/2	23,021	1/2	15,040	1/2	7,059	1/2														
3/4	22,855	3/4	14,874	3/4	6,893	3/4														
7	22,689	7	14,708	7	6,727	7														
1/4	22,523	1/4	14,541	1/4	6,560	1/4														
1/2	22,356	1/2	14,375	1/2	6,394	1/2														
3/4	22,190	3/4	14,209	3/4	6,228	3/4														
8	22,024	8	14,043	8	6,062	8														
1/4	21,858	1/4	13,876	1/4	5,895	1/4														
1/2	21,691	1/2	13,710	1/2	5,729	1/2														
3/4	21,525	3/4	13,544	3/4	5,563	3/4														
9	21,359	9	13,378	9	5,397	9														
1/4	21,192	1/4	13,211	1/4	5,230	1/4														
1/2	21,026	1/2	13,045	1/2	5,064	1/2														
3/4	20,860	3/4	12,879	3/4	4,898	3/4														
10	20,694	10	12,712	10	4,732	10														
1/4	20,527	1/4	12,546	1/4	4,566	1/4														
1/2	20,361	1/2	12,380	1/2	4,400	1/2														
3/4	20,195	3/4	12,214	3/4	4,234	3/4														
11	20,029	11	12,047	11	4,068	11														
1/4	19,862	1/4	11,881	1/4	3,902	1/4														
1/2	19,696	1/2	11,715	1/2	3,736	1/2														
3/4	19,530	3/4	11,549	3/4	3,570	3/4														

GAUGE HEIGHT 18'-5.98"

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: 5/1/86 BY: KR-RE  
DATE COMPUTED: 5/15/86 BY: KS  
DATE ISSUED: 5/16/86

CERTIFIED TANK CALIBRATION, INC.

*Handwritten signature*

**BARGE "CBC 181"**

**TANK NO. 4**  
**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.	
H	M	H	M	H	M	H	M	H	M	H	M	H	M	H	M	H	M	H	M
0	0	202,728	0	106,555	0	170,582	0	154,510	0	130,435	0	122,352	0	106,289	0	90,218	0	74,143	0
1/4	1/4	202,393	1/4	106,320	1/4	170,247	1/4	154,174	1/4	129,101	1/4	122,028	1/4	105,954	1/4	89,681	1/4	73,608	1/4
1/2	1/2	202,058	1/2	106,065	1/2	169,912	1/2	153,809	1/2	137,756	1/2	121,693	1/2	105,620	1/2	89,546	1/2	73,479	1/2
3/4	3/4	201,723	3/4	105,810	3/4	169,577	3/4	153,524	3/4	137,435	3/4	121,359	3/4	105,285	3/4	89,212	3/4	73,198	3/4
1	1	201,388	1	105,555	1	169,242	1	153,199	1	137,096	1	121,033	1	104,950	1	88,877	1	72,804	1
1/4	1/4	201,054	1/4	105,300	1/4	168,907	1/4	152,834	1/4	136,761	1/4	120,698	1/4	104,615	1/4	88,542	1/4	72,469	1/4
1/2	1/2	200,719	1/2	105,045	1/2	168,564	1/2	152,499	1/2	136,426	1/2	120,353	1/2	104,280	1/2	88,207	1/2	72,134	1/2
3/4	3/4	200,384	3/4	104,790	3/4	168,229	3/4	152,155	3/4	136,091	3/4	120,018	3/4	103,946	3/4	87,872	3/4	71,799	3/4
2	2	200,049	2	104,535	2	167,863	2	151,830	2	135,757	2	119,684	2	103,610	2	87,537	2	71,464	2
1/4	1/4	199,714	1/4	104,280	1/4	167,518	1/4	151,445	1/4	135,422	1/4	119,349	1/4	103,276	1/4	87,202	1/4	71,129	1/4
1/2	1/2	199,379	1/2	104,025	1/2	167,173	1/2	151,060	1/2	135,087	1/2	119,014	1/2	102,941	1/2	86,868	1/2	70,794	1/2
3/4	3/4	199,045	3/4	103,770	3/4	166,828	3/4	150,675	3/4	134,752	3/4	118,679	3/4	102,606	3/4	86,533	3/4	70,460	3/4
3	3	198,710	3	103,515	3	166,483	3	150,290	3	134,417	3	118,344	3	102,271	3	86,198	3	70,125	3
1/4	1/4	198,375	1/4	103,260	1/4	166,138	1/4	149,905	1/4	134,082	1/4	118,009	1/4	101,936	1/4	85,863	1/4	69,790	1/4
1/2	1/2	198,040	1/2	103,005	1/2	165,793	1/2	149,520	1/2	133,747	1/2	117,674	1/2	101,601	1/2	85,528	1/2	69,455	1/2
3/4	3/4	197,705	3/4	102,750	3/4	165,448	3/4	149,135	3/4	133,412	3/4	117,340	3/4	101,266	3/4	85,193	3/4	69,120	3/4
4	4	197,370	4	102,495	4	165,103	4	148,748	4	133,077	4	117,005	4	100,931	4	84,858	4	68,785	4
1/4	1/4	197,035	1/4	102,240	1/4	164,758	1/4	148,363	1/4	132,743	1/4	116,670	1/4	100,597	1/4	84,523	1/4	68,450	1/4
1/2	1/2	196,700	1/2	101,985	1/2	164,413	1/2	147,978	1/2	132,408	1/2	116,335	1/2	100,262	1/2	84,188	1/2	68,115	1/2
3/4	3/4	196,365	3/4	101,730	3/4	164,068	3/4	147,593	3/4	132,073	3/4	116,000	3/4	99,927	3/4	83,853	3/4	67,780	3/4
5	5	210,077	5	196,011	5	179,958	5	163,865	5	147,811	5	131,738	5	115,665	5	99,592	5	83,445	5
1/4	1/4	209,877	1/4	195,811	1/4	179,623	1/4	163,520	1/4	147,427	1/4	131,403	1/4	115,330	1/4	99,257	1/4	83,110	1/4
1/2	1/2	209,677	1/2	195,611	1/2	179,288	1/2	163,175	1/2	147,042	1/2	131,068	1/2	114,995	1/2	98,922	1/2	82,775	1/2
3/4	3/4	209,477	3/4	195,411	3/4	178,953	3/4	162,830	3/4	146,657	3/4	130,734	3/4	114,661	3/4	98,587	3/4	82,440	3/4
6	6	209,277	6	195,211	6	178,618	6	162,485	6	146,272	6	130,399	6	114,326	6	98,252	6	82,105	6
1/4	1/4	209,077	1/4	195,011	1/4	178,283	1/4	162,140	1/4	145,887	1/4	130,064	1/4	113,991	1/4	97,918	1/4	81,770	1/4
1/2	1/2	208,877	1/2	194,811	1/2	177,948	1/2	161,795	1/2	145,502	1/2	129,729	1/2	113,656	1/2	97,583	1/2	81,435	1/2
3/4	3/4	208,677	3/4	194,611	3/4	177,613	3/4	161,450	3/4	145,117	3/4	129,394	3/4	113,321	3/4	97,248	3/4	81,100	3/4
7	7	208,477	7	194,411	7	177,278	7	161,105	7	144,732	7	129,060	7	112,986	7	96,913	7	80,765	7
1/4	1/4	208,277	1/4	194,211	1/4	176,943	1/4	160,760	1/4	144,347	1/4	128,725	1/4	112,651	1/4	96,578	1/4	80,430	1/4
1/2	1/2	208,077	1/2	194,011	1/2	176,608	1/2	160,415	1/2	143,962	1/2	128,390	1/2	112,317	1/2	96,243	1/2	80,095	1/2
3/4	3/4	207,877	3/4	193,811	3/4	176,273	3/4	160,070	3/4	143,577	3/4	128,055	3/4	111,982	3/4	95,908	3/4	79,760	3/4
8	8	207,677	8	193,611	8	175,938	8	159,725	8	143,192	8	127,720	8	111,647	8	95,573	8	79,425	8
1/4	1/4	207,477	1/4	193,411	1/4	175,603	1/4	159,380	1/4	142,807	1/4	127,385	1/4	111,312	1/4	95,238	1/4	79,090	1/4
1/2	1/2	207,277	1/2	193,211	1/2	175,268	1/2	159,035	1/2	142,422	1/2	127,050	1/2	110,977	1/2	94,903	1/2	78,755	1/2
3/4	3/4	207,077	3/4	193,011	3/4	174,933	3/4	158,690	3/4	142,037	3/4	126,715	3/4	110,642	3/4	94,568	3/4	78,420	3/4
9	9	206,877	9	192,811	9	174,600	9	158,345	9	141,652	9	126,380	9	110,307	9	94,233	9	78,085	9
1/4	1/4	206,677	1/4	192,611	1/4	174,265	1/4	158,000	1/4	141,267	1/4	126,046	1/4	109,973	1/4	93,898	1/4	77,750	1/4
1/2	1/2	206,477	1/2	192,411	1/2	173,930	1/2	157,655	1/2	140,882	1/2	125,711	1/2	109,638	1/2	93,563	1/2	77,415	1/2
3/4	3/4	206,277	3/4	192,211	3/4	173,595	3/4	157,310	3/4	140,497	3/4	125,376	3/4	109,303	3/4	93,228	3/4	77,080	3/4
10	10	206,077	10	192,011	10	173,260	10	156,965	10	140,112	10	125,041	10	108,968	10	92,893	10	76,745	10
1/4	1/4	205,877	1/4	191,811	1/4	172,925	1/4	156,620	1/4	139,727	1/4	124,706	1/4	108,633	1/4	92,558	1/4	76,410	1/4
1/2	1/2	205,677	1/2	191,611	1/2	172,590	1/2	156,275	1/2	139,342	1/2	124,371	1/2	108,298	1/2	92,223	1/2	76,075	1/2
3/4	3/4	205,477	3/4	191,411	3/4	172,255	3/4	155,930	3/4	138,957	3/4	124,037	3/4	107,964	3/4	91,888	3/4	75,740	3/4
11	11	205,277	11	191,211	11	171,920	11	155,585	11	138,572	11	123,702	11	107,629	11	91,553	11	75,405	11
1/4	1/4	205,077	1/4	191,011	1/4	171,585	1/4	155,240	1/4	138,187	1/4	123,367	1/4	107,294	1/4	91,218	1/4	75,070	1/4
1/2	1/2	204,877	1/2	190,811	1/2	171,250	1/2	154,895	1/2	137,802	1/2	123,032	1/2	106,959	1/2	90,883	1/2	74,735	1/2
3/4	3/4	204,677	3/4	190,611	3/4	170,915	3/4	154,550	3/4	137,417	3/4	122,697	3/4	106,624	3/4	90,548	3/4	74,400	3/4

GAUGE HEIGHT 16'-9 1/2"

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPAS CHAPTER 2.7.  
 NOTE: CAPACITY TABLE APPLIES ONLY TO ULLAGE GAUGES OBTAINED WITH "MARC" GAUGING DEVICE.  
 NOTE: GAUGE POINT LOCATED 1'-6" OFF CENTERLINE AND 29'-7" FORWARD OF AFT BULKHEAD.  
 NOTE: CAPACITY TABLE APPLIES ONLY WHEN BARGE IS ON EVEN KEEL.  
 NOTE: CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

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

DATE STRAPPED: 6/1/85 BY: KS-RF  
 DATE COMPUTED: 6/15/85 BY: KS  
 DATE ISSUED: 6/16/85

CERTIFIED TANK CALIBRATION, INC.  
*Roller*

**CERTIFIED TANK  
CALIBRATION, INC.**  
DALLAS, TEXAS 75242-8004

**BARGE "CBC 181"**

**TANK NO. 4  
ULLAGE TABLE**

CAPACITIES GIVEN IN W-HOLE GALLONS

GUAGE HEIGHT 16'-9 1/2"

H	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.	20 FT.	21 FT.	22 FT.
0	59,070	41,997	25,924	9,859	0	0	0	0	0	0
1/4	57,735	41,682	25,889	9,824	1/4	1/4	1/4	1/4	1/4	1/4
1/2	57,400	41,327	25,854	9,791	1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,065	40,992	24,919	8,658	3/4	3/4	3/4	3/4	3/4	3/4
1	56,730	40,657	24,584	8,524	1	1	1	1	1	1
1/4	56,395	40,322	24,249	8,191	1/4	1/4	1/4	1/4	1/4	1/4
1/2	56,061	39,988	23,914	7,858	1/2	1/2	1/2	1/2	1/2	1/2
3/4	55,728	39,653	23,580	7,525	3/4	3/4	3/4	3/4	3/4	3/4
2	55,391	39,318	23,245	7,191	2	2	2	2	2	2
1/4	55,056	38,983	22,910	6,858	1/4	1/4	1/4	1/4	1/4	1/4
1/2	54,721	38,648	22,575	6,525	1/2	1/2	1/2	1/2	1/2	1/2
3/4	54,386	38,313	22,240	6,191	3/4	3/4	3/4	3/4	3/4	3/4
3	54,052	37,978	21,905	5,858	3	3	3	3	3	3
1/4	53,717	37,644	21,571	5,525	1/4	1/4	1/4	1/4	1/4	1/4
1/2	53,382	37,309	21,238	5,191	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53,047	36,974	20,901	4,858	3/4	3/4	3/4	3/4	3/4	3/4
4	52,712	36,639	20,566	4,525	4	4	4	4	4	4
1/4	52,377	36,304	20,231	4,192	1/4	1/4	1/4	1/4	1/4	1/4
1/2	52,042	35,969	19,896	3,858	1/2	1/2	1/2	1/2	1/2	1/2
3/4	51,708	35,634	19,561	3,525	3/4	3/4	3/4	3/4	3/4	3/4
5	51,373	35,300	19,227	3,200	5	5	5	5	5	5
1/4	51,039	34,965	18,892	2,866	1/4	1/4	1/4	1/4	1/4	1/4
1/2	50,703	34,630	18,557	2,531	1/2	1/2	1/2	1/2	1/2	1/2
3/4	50,368	34,295	18,222	2,200	3/4	3/4	3/4	3/4	3/4	3/4
6	50,033	33,960	17,887	2,000	6	6	6	6	6	6
1/4	49,698	33,625	17,552	1,801	1/4	1/4	1/4	1/4	1/4	1/4
1/2	49,364	33,290	17,217	1,567	1/2	1/2	1/2	1/2	1/2	1/2
3/4	49,029	32,955	16,883	1,333	3/4	3/4	3/4	3/4	3/4	3/4
7	48,694	32,621	16,548	1,132	7	7	7	7	7	7
1/4	48,359	32,286	16,213	984	1/4	1/4	1/4	1/4	1/4	1/4
1/2	48,024	31,951	15,878	787	1/2	1/2	1/2	1/2	1/2	1/2
3/4	47,689	31,616	15,543	630	3/4	3/4	3/4	3/4	3/4	3/4
8	47,354	31,281	15,208	496	8	8	8	8	8	8
1/4	47,020	30,946	14,873	388	1/4	1/4	1/4	1/4	1/4	1/4
1/2	46,685	30,612	14,539	295	1/2	1/2	1/2	1/2	1/2	1/2
3/4	46,350	30,277	14,204	195	3/4	3/4	3/4	3/4	3/4	3/4
9	46,015	29,942	13,869	138	9	9	9	9	9	9
1/4	45,680	29,607	13,534	95	1/4	1/4	1/4	1/4	1/4	1/4
1/2	45,345	29,272	13,199	61	1/2	1/2	1/2	1/2	1/2	1/2
3/4	45,010	28,937	12,864	34	3/4	3/4	3/4	3/4	3/4	3/4
10	44,676	28,602	12,529	10	10	10	10	10	10	10
1/4	44,341	28,268	12,195	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	44,006	27,933	11,860	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	43,671	27,598	11,525	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	43,336	27,263	11,191	11	11	11	11	11	11	11
1/4	43,001	26,928	10,857	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	42,666	26,593	10,524	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	42,332	26,258	10,191	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: 5/11/85 BY: KS-RF  
DATE COMPUTED: 6/16/86 BY: KS  
DATE ISSUED: 6/16/85

CERTIFIED TANK CALIBRATION, INC.

*Dick G. Bar-*