

BARGE "CBC 184"

TANK NO. 1
ULLAGE TABLE

13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		20 FT.		21 FT.		22 FT.	
IN	GA	IN	GA	IN	GA	IN	GA	IN	GA	IN	GA	IN	GA	IN	GA	IN	GA	IN	GA
0	41,900	0	29,779	0	17,658	0	5,551	0		0		0		0		0		0	
1/4	41,648	1/4	29,527	1/4	17,406	1/4	5,300	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	41,395	1/2	29,274	1/2	17,153	1/2	5,049	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	41,143	3/4	29,022	3/4	16,901	3/4	4,797	3/4		3/4		3/4		3/4		3/4		3/4	
1	40,890	1	28,769	1	16,648	1	4,546	1		1		1		1		1		1	
1/4	40,638	1/4	28,517	1/4	16,396	1/4	4,295	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	40,385	1/2	28,264	1/2	16,143	1/2	4,043	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	40,133	3/4	28,012	3/4	15,891	3/4	3,792	3/4		3/4		3/4		3/4		3/4		3/4	
2	39,880	2	27,759	2	15,638	2	3,541	2		2		2		2		2		2	
1/4	39,628	1/4	27,507	1/4	15,386	1/4	3,289	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	39,375	1/2	27,254	1/2	15,133	1/2	3,038	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	39,123	3/4	27,002	3/4	14,881	3/4	2,787	3/4		3/4		3/4		3/4		3/4		3/4	
3	38,870	3	26,749	3	14,628	3	2,541	3		3		3		3		3		3	
1/4	38,618	1/4	26,496	1/4	14,375	1/4	2,308	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	38,365	1/2	26,244	1/2	14,123	1/2	2,081	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	38,112	3/4	25,991	3/4	13,870	3/4	1,854	3/4		3/4		3/4		3/4		3/4		3/4	
4	37,860	4	25,739	4	13,618	4	1,639	4		4		4		4		4		4	
1/4	37,607	1/4	25,486	1/4	13,365	1/4	1,450	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	37,355	1/2	25,234	1/2	13,113	1/2	1,273	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	37,102	3/4	24,981	3/4	12,860	3/4	1,096	3/4		3/4		3/4		3/4		3/4		3/4	
5	36,850	5	24,729	5	12,608	5	932	5		5		5		5		5		5	
1/4	36,597	1/4	24,476	1/4	12,355	1/4	793	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	36,345	1/2	24,224	1/2	12,103	1/2	667	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	36,092	3/4	23,971	3/4	11,850	3/4	541	3/4		3/4		3/4		3/4		3/4		3/4	
6	35,840	6	23,719	6	11,598	6	427	6		6		6		6		6		6	
1/4	35,587	1/4	23,466	1/4	11,345	1/4	339	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	35,335	1/2	23,214	1/2	11,093	1/2	263	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	35,082	3/4	22,961	3/4	10,840	3/4	188	3/4		3/4		3/4		3/4		3/4		3/4	
7	34,830	7	22,709	7	10,588	7	124	7		7		7		7		7		7	
1/4	34,577	1/4	22,456	1/4	10,335	1/4	87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	34,325	1/2	22,204	1/2	10,083	1/2	62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	34,072	3/4	21,951	3/4	9,830	3/4	49	3/4		3/4		3/4		3/4		3/4		3/4	
8	33,820	8	21,699	8	9,578	8		8		8		8		8		8		8	
1/4	33,567	1/4	21,446	1/4	9,325	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	33,315	1/2	21,194	1/2	9,073	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	33,062	3/4	20,941	3/4	8,820	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	32,810	9	20,689	9	8,568	9		9		9		9		9		9		9	
1/4	32,557	1/4	20,436	1/4	8,316	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	32,304	1/2	20,183	1/2	8,065	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	32,052	3/4	19,931	3/4	7,813	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	31,799	10	19,678	10	7,562	10		10		10		10		10		10		10	
1/4	31,547	1/4	19,426	1/4	7,311	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	31,294	1/2	19,173	1/2	7,059	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	31,042	3/4	18,921	3/4	6,808	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	30,789	11	18,668	11	6,557	11		11		11		11		11		11		11	
1/4	30,537	1/4	18,416	1/4	6,305	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	30,284	1/2	18,163	1/2	6,054	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	30,032	3/4	17,911	3/4	5,803	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-7 5/8"

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

CERTIFIED TANK CALIBRATION, INC.

DATE STRAPPED: 6/12/05 BY: KS-RF
DATE COMPUTED: 6/13/05 BY: KS
DATE ISSUED: 6/14/05

Dick A. Boer

BARGE "CBU 184"

2 PORT
ULLAGE TABLE

GAUGE HEIGHT: 18" 1.78"

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.	
M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N
0	0	97,583	0	99,583	0	101,583	0	103,583	0	105,583	0	107,583	0	109,583	0	111,583	0	113,583	0	115,583	0
1/4	1/4	97,417	1/4	99,417	1/4	101,417	1/4	103,417	1/4	105,417	1/4	107,417	1/4	109,417	1/4	111,417	1/4	113,417	1/4	115,417	1/4
1/2	1/2	97,250	1/2	99,250	1/2	101,250	1/2	103,250	1/2	105,250	1/2	107,250	1/2	109,250	1/2	111,250	1/2	113,250	1/2	115,250	1/2
3/4	3/4	97,083	3/4	99,083	3/4	101,083	3/4	103,083	3/4	105,083	3/4	107,083	3/4	109,083	3/4	111,083	3/4	113,083	3/4	115,083	3/4
1	1	96,917	1	98,917	1	100,917	1	102,917	1	104,917	1	106,917	1	108,917	1	110,917	1	112,917	1	114,917	1
1/4	1/4	96,750	1/4	98,750	1/4	100,750	1/4	102,750	1/4	104,750	1/4	106,750	1/4	108,750	1/4	110,750	1/4	112,750	1/4	114,750	1/4
1/2	1/2	96,583	1/2	98,583	1/2	100,583	1/2	102,583	1/2	104,583	1/2	106,583	1/2	108,583	1/2	110,583	1/2	112,583	1/2	114,583	1/2
3/4	3/4	96,417	3/4	98,417	3/4	100,417	3/4	102,417	3/4	104,417	3/4	106,417	3/4	108,417	3/4	110,417	3/4	112,417	3/4	114,417	3/4
2	2	96,250	2	98,250	2	100,250	2	102,250	2	104,250	2	106,250	2	108,250	2	110,250	2	112,250	2	114,250	2
1/4	1/4	96,083	1/4	98,083	1/4	100,083	1/4	102,083	1/4	104,083	1/4	106,083	1/4	108,083	1/4	110,083	1/4	112,083	1/4	114,083	1/4
1/2	1/2	95,917	1/2	97,917	1/2	99,917	1/2	101,917	1/2	103,917	1/2	105,917	1/2	107,917	1/2	109,917	1/2	111,917	1/2	113,917	1/2
3/4	3/4	95,750	3/4	97,750	3/4	99,750	3/4	101,750	3/4	103,750	3/4	105,750	3/4	107,750	3/4	109,750	3/4	111,750	3/4	113,750	3/4
1	1	95,583	1	97,583	1	99,583	1	101,583	1	103,583	1	105,583	1	107,583	1	109,583	1	111,583	1	113,583	1
1/4	1/4	95,417	1/4	97,417	1/4	99,417	1/4	101,417	1/4	103,417	1/4	105,417	1/4	107,417	1/4	109,417	1/4	111,417	1/4	113,417	1/4
1/2	1/2	95,250	1/2	97,250	1/2	99,250	1/2	101,250	1/2	103,250	1/2	105,250	1/2	107,250	1/2	109,250	1/2	111,250	1/2	113,250	1/2
3/4	3/4	95,083	3/4	97,083	3/4	99,083	3/4	101,083	3/4	103,083	3/4	105,083	3/4	107,083	3/4	109,083	3/4	111,083	3/4	113,083	3/4
4	4	94,917	4	96,917	4	98,917	4	100,917	4	102,917	4	104,917	4	106,917	4	108,917	4	110,917	4	112,917	4
1/4	1/4	94,750	1/4	96,750	1/4	98,750	1/4	100,750	1/4	102,750	1/4	104,750	1/4	106,750	1/4	108,750	1/4	110,750	1/4	112,750	1/4
1/2	1/2	94,583	1/2	96,583	1/2	98,583	1/2	100,583	1/2	102,583	1/2	104,583	1/2	106,583	1/2	108,583	1/2	110,583	1/2	112,583	1/2
3/4	3/4	94,417	3/4	96,417	3/4	98,417	3/4	100,417	3/4	102,417	3/4	104,417	3/4	106,417	3/4	108,417	3/4	110,417	3/4	112,417	3/4
5	5	94,250	5	96,250	5	98,250	5	100,250	5	102,250	5	104,250	5	106,250	5	108,250	5	110,250	5	112,250	5
1/4	1/4	94,083	1/4	96,083	1/4	98,083	1/4	100,083	1/4	102,083	1/4	104,083	1/4	106,083	1/4	108,083	1/4	110,083	1/4	112,083	1/4
1/2	1/2	93,917	1/2	95,917	1/2	97,917	1/2	99,917	1/2	101,917	1/2	103,917	1/2	105,917	1/2	107,917	1/2	109,917	1/2	111,917	1/2
3/4	3/4	93,750	3/4	95,750	3/4	97,750	3/4	99,750	3/4	101,750	3/4	103,750	3/4	105,750	3/4	107,750	3/4	109,750	3/4	111,750	3/4
6	6	93,583	6	95,583	6	97,583	6	99,583	6	101,583	6	103,583	6	105,583	6	107,583	6	109,583	6	111,583	6
1/4	1/4	93,417	1/4	95,417	1/4	97,417	1/4	99,417	1/4	101,417	1/4	103,417	1/4	105,417	1/4	107,417	1/4	109,417	1/4	111,417	1/4
1/2	1/2	93,250	1/2	95,250	1/2	97,250	1/2	99,250	1/2	101,250	1/2	103,250	1/2	105,250	1/2	107,250	1/2	109,250	1/2	111,250	1/2
3/4	3/4	93,083	3/4	95,083	3/4	97,083	3/4	99,083	3/4	101,083	3/4	103,083	3/4	105,083	3/4	107,083	3/4	109,083	3/4	111,083	3/4
7	7	92,917	7	94,917	7	96,917	7	98,917	7	100,917	7	102,917	7	104,917	7	106,917	7	108,917	7	110,917	7
1/4	1/4	92,750	1/4	94,750	1/4	96,750	1/4	98,750	1/4	100,750	1/4	102,750	1/4	104,750	1/4	106,750	1/4	108,750	1/4	110,750	1/4
1/2	1/2	92,583	1/2	94,583	1/2	96,583	1/2	98,583	1/2	100,583	1/2	102,583	1/2	104,583	1/2	106,583	1/2	108,583	1/2	110,583	1/2
3/4	3/4	92,417	3/4	94,417	3/4	96,417	3/4	98,417	3/4	100,417	3/4	102,417	3/4	104,417	3/4	106,417	3/4	108,417	3/4	110,417	3/4
8	8	92,250	8	94,250	8	96,250	8	98,250	8	100,250	8	102,250	8	104,250	8	106,250	8	108,250	8	110,250	8
1/4	1/4	92,083	1/4	94,083	1/4	96,083	1/4	98,083	1/4	100,083	1/4	102,083	1/4	104,083	1/4	106,083	1/4	108,083	1/4	110,083	1/4
1/2	1/2	91,917	1/2	93,917	1/2	95,917	1/2	97,917	1/2	99,917	1/2	101,917	1/2	103,917	1/2	105,917	1/2	107,917	1/2	109,917	1/2
3/4	3/4	91,750	3/4	93,750	3/4	95,750	3/4	97,750	3/4	99,750	3/4	101,750	3/4	103,750	3/4	105,750	3/4	107,750	3/4	109,750	3/4
9	9	91,583	9	93,583	9	95,583	9	97,583	9	99,583	9	101,583	9	103,583	9	105,583	9	107,583	9	109,583	9
1/4	1/4	91,417	1/4	93,417	1/4	95,417	1/4	97,417	1/4	99,417	1/4	101,417	1/4	103,417	1/4	105,417	1/4	107,417	1/4	109,417	1/4
1/2	1/2	91,250	1/2	93,250	1/2	95,250	1/2	97,250	1/2	99,250	1/2	101,250	1/2	103,250	1/2	105,250	1/2	107,250	1/2	109,250	1/2
3/4	3/4	91,083	3/4	93,083	3/4	95,083	3/4	97,083	3/4	99,083	3/4	101,083	3/4	103,083	3/4	105,083	3/4	107,083	3/4	109,083	3/4
10	10	90,917	10	92,917	10	94,917	10	96,917	10	98,917	10	100,917	10	102,917	10	104,917	10	106,917	10	108,917	10
1/4	1/4	90,750	1/4	92,750	1/4	94,750	1/4	96,750	1/4	98,750	1/4	100,750	1/4	102,750	1/4	104,750	1/4	106,750	1/4	108,750	1/4
1/2	1/2	90,583	1/2	92,583	1/2	94,583	1/2	96,583	1/2	98,583	1/2	100,583	1/2	102,583	1/2	104,583	1/2	106,583	1/2	108,583	1/2
3/4	3/4	90,417	3/4	92,417	3/4	94,417	3/4	96,417	3/4	98,417	3/4	100,417	3/4	102,417	3/4	104,417	3/4	106,417	3/4	108,417	3/4
11	11	90,250	11	92,250	11	94,250	11	96,250	11	98,250	11	100,250	11	102,250	11	104,250	11	106,250	11	108,250	11
1/4	1/4	90,083	1/4	92,083	1/4	94,083	1/4	96,083	1/4	98,083	1/4	100,083	1/4	102,083	1/4	104,083	1/4	106,083	1/4	108,083	1/4
1/2	1/2	89,917	1/2	91,917	1/2	93,917	1/2	95,917	1/2	97,917	1/2	99,917	1/2	101,917	1/2	103,917	1/2	105,917	1/2	107,917	1/2
3/4	3/4	89,750	3/4	91,750	3/4	93,750	3/4	95,750	3/4	97,750	3/4	99,750	3/4	101,750	3/4	103,750	3/4	105,750	3/4	107,750	3/4

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

CERTIFIED TANK CALIBRATION, INC.

Bill G. Brown

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 NOTE: CAPACITY TABLE APPLIES ONLY TO ULLAGE GAUGES OBTAINED WITH "MMGC" GAUGING DEVICE.
 NOTE: GAUGE POINT LOCATED 13"-6" OFF CENTERLINE AND 25"-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: 6/12/05 BY: KS-RP
 DATE COMPUTED: 6/13/05 BY: KS
 DATE ISSUED: 6/14/05

BARGE "CBC 184"

2 PORT
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-1 7/8"

	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.	20 FT.	21 FT.	22 FT.
0	25,578	0	17,577	0	9,577	0	1,603	0	0	0
1/4	25,411	1/4	17,411	1/4	9,410	1/4	1,453	1/4	1/4	1/4
1/2	25,244	1/2	17,244	1/2	9,243	1/2	1,303	1/2	1/2	1/2
3/4	25,078	3/4	17,077	3/4	9,077	3/4	1,153	3/4	3/4	3/4
1	24,911	1	16,910	1	8,910	1	1,020	1	1	1
1/4	24,744	1/4	16,744	1/4	8,743	1/4	903	1/4	1/4	1/4
1/2	24,578	1/2	16,577	1/2	8,577	1/2	786	1/2	1/2	1/2
3/4	24,411	3/4	16,410	3/4	8,410	3/4	670	3/4	3/4	3/4
2	24,244	2	16,244	2	8,243	2	611	2	2	2
1/4	24,078	1/4	16,077	1/4	8,076	1/4	503	1/4	1/4	1/4
1/2	23,911	1/2	15,910	1/2	7,910	1/2	403	1/2	1/2	1/2
3/4	23,744	3/4	15,744	3/4	7,743	3/4	303	3/4	3/4	3/4
3	23,578	3	15,577	3	7,576	3	203	3	3	3
1/4	23,411	1/4	15,410	1/4	7,410	1/4	103	1/4	1/4	1/4
1/2	23,244	1/2	15,244	1/2	7,243	1/2	3	1/2	1/2	1/2
3/4	23,078	3/4	15,077	3/4	7,076	3/4	0	3/4	3/4	3/4
4	22,911	4	14,910	4	6,910	4	0	4	4	4
1/4	22,744	1/4	14,744	1/4	6,743	1/4	0	1/4	1/4	1/4
1/2	22,578	1/2	14,577	1/2	6,576	1/2	0	1/2	1/2	1/2
3/4	22,411	3/4	14,410	3/4	6,410	3/4	0	3/4	3/4	3/4
5	22,244	5	14,244	5	6,243	5	0	5	5	5
1/4	22,078	1/4	14,077	1/4	6,076	1/4	0	1/4	1/4	1/4
1/2	21,911	1/2	13,910	1/2	5,910	1/2	0	1/2	1/2	1/2
3/4	21,744	3/4	13,744	3/4	5,743	3/4	0	3/4	3/4	3/4
6	21,578	6	13,577	6	5,576	6	0	6	6	6
1/4	21,411	1/4	13,410	1/4	5,410	1/4	0	1/4	1/4	1/4
1/2	21,244	1/2	13,244	1/2	5,243	1/2	0	1/2	1/2	1/2
3/4	21,077	3/4	13,077	3/4	5,076	3/4	0	3/4	3/4	3/4
7	20,911	7	12,910	7	4,910	7	0	7	7	7
1/4	20,744	1/4	12,744	1/4	4,743	1/4	0	1/4	1/4	1/4
1/2	20,577	1/2	12,577	1/2	4,576	1/2	0	1/2	1/2	1/2
3/4	20,411	3/4	12,410	3/4	4,410	3/4	0	3/4	3/4	3/4
8	20,244	8	12,243	8	4,243	8	0	8	8	8
1/4	20,077	1/4	12,076	1/4	4,076	1/4	0	1/4	1/4	1/4
1/2	19,911	1/2	11,910	1/2	3,910	1/2	0	1/2	1/2	1/2
3/4	19,744	3/4	11,743	3/4	3,743	3/4	0	3/4	3/4	3/4
9	19,577	9	11,576	9	3,576	9	0	9	9	9
1/4	19,411	1/4	11,410	1/4	3,410	1/4	0	1/4	1/4	1/4
1/2	19,244	1/2	11,243	1/2	3,243	1/2	0	1/2	1/2	1/2
3/4	19,077	3/4	11,076	3/4	3,076	3/4	0	3/4	3/4	3/4
10	18,911	10	10,910	10	2,910	10	0	10	10	10
1/4	18,744	1/4	10,743	1/4	2,743	1/4	0	1/4	1/4	1/4
1/2	18,577	1/2	10,576	1/2	2,576	1/2	0	1/2	1/2	1/2
3/4	18,411	3/4	10,410	3/4	2,410	3/4	0	3/4	3/4	3/4
11	18,244	11	10,243	11	2,243	11	0	11	11	11
1/4	18,077	1/4	10,076	1/4	2,076	1/4	0	1/4	1/4	1/4
1/2	17,911	1/2	9,910	1/2	1,910	1/2	0	1/2	1/2	1/2
3/4	17,744	3/4	9,743	3/4	1,743	3/4	0	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: 6/12/85 BY: KS-RF
DATE COMPUTED: 6/13/85 BY: KS
DATE ISSUED: 6/14/85

CERTIFIED TANK CALIBRATION, INC.

Bill A. Brown

BARGE "CBU 184"

2 STBD
ULLAGE TABLE

GAUGE HEIGHT: 16'-4 1/4"

CAPACITIES GIVEN IN WHOLE GALLONS																			
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	0	98,424	0	90,443	0	82,462	0	74,481	0	66,500	0	58,519	0	50,538	0	42,557	0	34,577
1/4	1/4	1/4	98,258	1/4	90,277	1/4	82,296	1/4	74,315	1/4	66,334	1/4	58,353	1/4	50,372	1/4	42,391	1/4	34,410
1/2	1/2	1/2	98,091	1/2	90,110	1/2	82,130	1/2	74,149	1/2	66,168	1/2	58,187	1/2	50,206	1/2	42,225	1/2	34,244
3/4	3/4	3/4	97,925	3/4	89,944	3/4	81,963	3/4	73,982	3/4	66,001	3/4	58,020	3/4	50,040	3/4	42,059	3/4	34,078
1	1	1	97,759	1	89,778	1	81,797	1	73,816	1	65,835	1	57,854	1	49,873	1	41,892	1	33,911
1/4	1/4	1/4	97,593	1/4	89,612	1/4	81,631	1/4	73,650	1/4	65,669	1/4	57,688	1/4	49,707	1/4	41,726	1/4	33,745
1/2	1/2	1/2	97,426	1/2	89,445	1/2	81,464	1/2	73,484	1/2	65,503	1/2	57,522	1/2	49,541	1/2	41,560	1/2	33,579
3/4	3/4	3/4	97,260	3/4	89,279	3/4	81,298	3/4	73,317	3/4	65,336	3/4	57,355	3/4	49,374	3/4	41,394	3/4	33,413
1	1	1	97,094	1	89,113	1	81,132	1	73,151	1	65,170	1	57,189	1	49,208	1	41,227	1	33,246
1/4	1/4	1/4	96,928	1/4	88,947	1/4	80,966	1/4	72,985	1/4	65,004	1/4	57,023	1/4	49,042	1/4	41,061	1/4	33,080
1/2	1/2	1/2	96,761	1/2	88,780	1/2	80,799	1/2	72,818	1/2	64,838	1/2	56,857	1/2	48,876	1/2	40,895	1/2	32,914
3/4	3/4	3/4	96,595	3/4	88,614	3/4	80,633	3/4	72,652	3/4	64,671	3/4	56,690	3/4	48,709	3/4	40,728	3/4	32,748
1	1	1	96,429	1	88,448	1	80,467	1	72,486	1	64,505	1	56,524	1	48,543	1	40,562	1	32,581
1/4	1/4	1/4	96,262	1/4	88,282	1/4	80,301	1/4	72,320	1/4	64,339	1/4	56,358	1/4	48,377	1/4	40,396	1/4	32,415
1/2	1/2	1/2	96,095	1/2	88,115	1/2	80,134	1/2	72,153	1/2	64,172	1/2	56,192	1/2	48,211	1/2	40,230	1/2	32,249
3/4	3/4	3/4	95,930	3/4	87,949	3/4	79,968	3/4	71,987	3/4	64,006	3/4	56,025	3/4	48,044	3/4	40,063	3/4	32,082
1	1	1	95,764	1	87,783	1	79,802	1	71,821	1	63,840	1	55,859	1	47,878	1	39,897	1	31,916
1/4	1/4	1/4	95,597	1/4	87,616	1/4	79,636	1/4	71,655	1/4	63,674	1/4	55,693	1/4	47,712	1/4	39,731	1/4	31,750
1/2	1/2	1/2	95,431	1/2	87,450	1/2	79,469	1/2	71,488	1/2	63,507	1/2	55,526	1/2	47,546	1/2	39,565	1/2	31,584
3/4	3/4	3/4	95,265	3/4	87,284	3/4	79,303	3/4	71,322	3/4	63,341	3/4	55,360	3/4	47,379	3/4	39,398	3/4	31,417
1	1	1	95,099	1	87,118	1	79,137	1	71,156	1	63,175	1	55,194	1	47,213	1	39,232	1	31,251
1/4	1/4	1/4	94,932	1/4	86,951	1/4	78,970	1/4	70,990	1/4	63,009	1/4	55,028	1/4	47,047	1/4	39,066	1/4	31,085
1/2	1/2	1/2	94,766	1/2	86,785	1/2	78,804	1/2	70,823	1/2	62,843	1/2	54,861	1/2	46,880	1/2	38,900	1/2	30,919
3/4	3/4	3/4	94,600	3/4	86,619	3/4	78,638	3/4	70,657	3/4	62,676	3/4	54,695	3/4	46,714	3/4	38,733	3/4	30,752
1	1	1	94,433	1	86,453	1	78,472	1	70,491	1	62,510	1	54,529	1	46,548	1	38,567	1	30,586
1/4	1/4	1/4	94,267	1/4	86,286	1/4	78,305	1/4	70,324	1/4	62,343	1/4	54,363	1/4	46,382	1/4	38,401	1/4	30,420
1/2	1/2	1/2	94,101	1/2	86,120	1/2	78,139	1/2	70,158	1/2	62,177	1/2	54,196	1/2	46,215	1/2	38,234	1/2	30,254
3/4	3/4	3/4	93,935	3/4	85,954	3/4	77,973	3/4	69,992	3/4	62,011	3/4	54,030	3/4	46,049	3/4	38,068	3/4	30,087
1	1	1	93,768	1	85,787	1	77,807	1	69,826	1	61,845	1	53,864	1	45,883	1	37,902	1	29,921
1/4	1/4	1/4	93,602	1/4	85,621	1/4	77,640	1/4	69,659	1/4	61,678	1/4	53,697	1/4	45,717	1/4	37,736	1/4	29,755
1/2	1/2	1/2	93,436	1/2	85,455	1/2	77,474	1/2	69,493	1/2	61,512	1/2	53,531	1/2	45,550	1/2	37,569	1/2	29,588
3/4	3/4	3/4	93,270	3/4	85,289	3/4	77,308	3/4	69,327	3/4	61,346	3/4	53,365	3/4	45,384	3/4	37,403	3/4	29,422
1	1	1	93,103	1	85,122	1	77,141	1	69,161	1	61,180	1	53,199	1	45,218	1	37,237	1	29,256
1/4	1/4	1/4	92,937	1/4	84,956	1/4	76,975	1/4	68,994	1/4	61,013	1/4	53,032	1/4	45,051	1/4	37,071	1/4	29,090
1/2	1/2	1/2	92,771	1/2	84,790	1/2	76,809	1/2	68,828	1/2	60,847	1/2	52,866	1/2	44,885	1/2	36,904	1/2	28,923
3/4	3/4	3/4	92,605	3/4	84,624	3/4	76,643	3/4	68,662	3/4	60,681	3/4	52,700	3/4	44,719	3/4	36,738	3/4	28,757
1	1	1	92,438	1	84,457	1	76,476	1	68,495	1	60,515	1	52,534	1	44,553	1	36,572	1	28,591
1/4	1/4	1/4	92,272	1/4	84,291	1/4	76,310	1/4	68,329	1/4	60,348	1/4	52,367	1/4	44,386	1/4	36,405	1/4	28,425
1/2	1/2	1/2	92,106	1/2	84,125	1/2	76,144	1/2	68,163	1/2	60,182	1/2	52,201	1/2	44,220	1/2	36,239	1/2	28,258
3/4	3/4	3/4	91,939	3/4	83,959	3/4	75,978	3/4	67,997	3/4	60,016	3/4	52,035	3/4	44,054	3/4	36,073	3/4	28,092
1	1	1	91,773	1	83,792	1	75,811	1	67,830	1	59,849	1	51,869	1	43,888	1	35,907	1	27,926
1/4	1/4	1/4	91,607	1/4	83,626	1/4	75,645	1/4	67,664	1/4	59,683	1/4	51,702	1/4	43,721	1/4	35,740	1/4	27,759
1/2	1/2	1/2	91,441	1/2	83,460	1/2	75,479	1/2	67,498	1/2	59,517	1/2	51,536	1/2	43,555	1/2	35,574	1/2	27,593
3/4	3/4	3/4	91,274	3/4	83,293	3/4	75,313	3/4	67,332	3/4	59,351	3/4	51,370	3/4	43,389	3/4	35,408	3/4	27,427
1	1	1	91,108	1	83,127	1	75,146	1	67,165	1	59,184	1	51,203	1	43,223	1	35,242	1	27,261
1/4	1/4	1/4	90,942	1/4	82,961	1/4	74,980	1/4	66,999	1/4	59,018	1/4	51,037	1/4	43,056	1/4	35,075	1/4	27,094
1/2	1/2	1/2	90,776	1/2	82,795	1/2	74,814	1/2	66,833	1/2	58,852	1/2	50,871	1/2	42,890	1/2	34,909	1/2	26,928
3/4	3/4	3/4	90,609	3/4	82,628	3/4	74,647	3/4	66,666	3/4	58,686	3/4	50,705	3/4	42,724	3/4	34,743	3/4	26,762

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 "MANG" GAUGING DEVICE.
 NOTE: GAUGE POINT LOCATED 10'-6" OFF CENTRALLINE AND 25'-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: 6/12/05 BY: KS-RF
 DATE COMPUTED: 6/13/05 BY: KS
 DATE ISSUED: 6/14/05

CERTIFIED TANK CALIBRATION, INC.

Bill G. Rose

BARGE "CBC 184"

**2 STBD
ULLAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS		GAUGE HEIGHT 16'-4 1/4"																		
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	26,596	0	18,615	0	10,634	0	2,667	0		0		0		0		0		0		0
1/4	26,429	1/4	18,448	1/4	10,467	1/4	2,501	1/4		1/4		1/4		1/4		1/4		1/4		1/4
1/2	26,263	1/2	18,282	1/2	10,301	1/2	2,336	1/2		1/2		1/2		1/2		1/2		1/2		1/2
3/4	26,097	3/4	18,116	3/4	10,135	3/4	2,170	3/4		3/4		3/4		3/4		3/4		3/4		3/4
1	25,931	1	17,950	1	9,969	1	2,005	1		1		1		1		1		1		1
1/4	25,764	1/4	17,783	1/4	9,802	1/4	1,839	1/4		1/4		1/4		1/4		1/4		1/4		1/4
1/2	25,598	1/2	17,617	1/2	9,636	1/2	1,674	1/2		1/2		1/2		1/2		1/2		1/2		1/2
3/4	25,432	3/4	17,451	3/4	9,470	3/4	1,524	3/4		3/4		3/4		3/4		3/4		3/4		3/4
2	25,265	2	17,285	2	9,304	2	1,375	2		2		2		2		2		2		2
1/4	25,099	1/4	17,118	1/4	9,137	1/4	1,225	1/4		1/4		1/4		1/4		1/4		1/4		1/4
1/2	24,933	1/2	16,952	1/2	8,971	1/2	1,075	1/2		1/2		1/2		1/2		1/2		1/2		1/2
3/4	24,767	3/4	16,786	3/4	8,805	3/4	959	3/4		3/4		3/4		3/4		3/4		3/4		3/4
3	24,600	3	16,619	3	8,639	3	842	3		3		3		3		3		3		3
1/4	24,434	1/4	16,453	1/4	8,472	1/4	726	1/4		1/4		1/4		1/4		1/4		1/4		1/4
1/2	24,268	1/2	16,287	1/2	8,306	1/2	610	1/2		1/2		1/2		1/2		1/2		1/2		1/2
3/4	24,102	3/4	16,121	3/4	8,140	3/4	527	3/4		3/4		3/4		3/4		3/4		3/4		3/4
4	23,935	4	15,954	4	7,973	4	443	4		4		4		4		4		4		4
1/4	23,769	1/4	15,788	1/4	7,807	1/4	360	1/4		1/4		1/4		1/4		1/4		1/4		1/4
1/2	23,603	1/2	15,622	1/2	7,641	1/2	276	1/2		1/2		1/2		1/2		1/2		1/2		1/2
3/4	23,436	3/4	15,456	3/4	7,475	3/4	192	3/4		3/4		3/4		3/4		3/4		3/4		3/4
5	23,270	5	15,289	5	7,308	5	108	5		5		5		5		5		5		5
1/4	23,104	1/4	15,123	1/4	7,142	1/4	24	1/4		1/4		1/4		1/4		1/4		1/4		1/4
1/2	22,938	1/2	14,957	1/2	6,976	1/2	16	1/2		1/2		1/2		1/2		1/2		1/2		1/2
3/4	22,771	3/4	14,790	3/4	6,810	3/4	8	3/4		3/4		3/4		3/4		3/4		3/4		3/4
6	22,605	6	14,624	6	6,643	6	0	6		6		6		6		6		6		6
1/4	22,439	1/4	14,458	1/4	6,477	1/4	0	1/4		1/4		1/4		1/4		1/4		1/4		1/4
1/2	22,273	1/2	14,292	1/2	6,311	1/2	0	1/2		1/2		1/2		1/2		1/2		1/2		1/2
3/4	22,106	3/4	14,125	3/4	6,144	3/4	0	3/4		3/4		3/4		3/4		3/4		3/4		3/4
7	21,940	7	13,959	7	5,978	7	0	7		7		7		7		7		7		7
1/4	21,774	1/4	13,793	1/4	5,812	1/4	0	1/4		1/4		1/4		1/4		1/4		1/4		1/4
1/2	21,608	1/2	13,627	1/2	5,646	1/2	0	1/2		1/2		1/2		1/2		1/2		1/2		1/2
3/4	21,441	3/4	13,460	3/4	5,480	3/4	0	3/4		3/4		3/4		3/4		3/4		3/4		3/4
8	21,275	8	13,294	8	5,315	8	0	8		8		8		8		8		8		8
1/4	21,109	1/4	13,128	1/4	5,149	1/4	0	1/4		1/4		1/4		1/4		1/4		1/4		1/4
1/2	20,942	1/2	12,962	1/2	4,984	1/2	0	1/2		1/2		1/2		1/2		1/2		1/2		1/2
3/4	20,776	3/4	12,795	3/4	4,818	3/4	0	3/4		3/4		3/4		3/4		3/4		3/4		3/4
9	20,610	9	12,629	9	4,653	9	0	9		9		9		9		9		9		9
1/4	20,444	1/4	12,463	1/4	4,487	1/4	0	1/4		1/4		1/4		1/4		1/4		1/4		1/4
1/2	20,277	1/2	12,296	1/2	4,322	1/2	0	1/2		1/2		1/2		1/2		1/2		1/2		1/2
3/4	20,111	3/4	12,130	3/4	4,156	3/4	0	3/4		3/4		3/4		3/4		3/4		3/4		3/4
10	19,945	10	11,964	10	3,991	10	0	10		10		10		10		10		10		10
1/4	19,779	1/4	11,798	1/4	3,825	1/4	0	1/4		1/4		1/4		1/4		1/4		1/4		1/4
1/2	19,612	1/2	11,631	1/2	3,660	1/2	0	1/2		1/2		1/2		1/2		1/2		1/2		1/2
3/4	19,446	3/4	11,465	3/4	3,494	3/4	0	3/4		3/4		3/4		3/4		3/4		3/4		3/4
11	19,280	11	11,299	11	3,329	11	0	11		11		11		11		11		11		11
1/4	19,113	1/4	11,133	1/4	3,163	1/4	0	1/4		1/4		1/4		1/4		1/4		1/4		1/4
1/2	18,947	1/2	10,966	1/2	2,998	1/2	0	1/2		1/2		1/2		1/2		1/2		1/2		1/2
3/4	18,781	3/4	10,800	3/4	2,832	3/4	0	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: 6/12/06 BY: KS-RF
DATE COMPUTED: 6/13/06 BY: KS
DATE ISSUED: 6/14/06

CERTIFIED TANK CALIBRATION, INC.

Bill A. Rose

BARGE "CBU 184"

**3 PORT
ULLAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS												GAUGE HEIGHT 16'-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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
1/4	96.926	1/4	96.926	1/4	96.926	1/4	96.926	1/4	96.926	1/4	96.926	1/4	96.926	1/4	96.926	1/4	96.926	1/4	96.926				
1/2	96.760	1/2	96.760	1/2	96.760	1/2	96.760	1/2	96.760	1/2	96.760	1/2	96.760	1/2	96.760	1/2	96.760	1/2	96.760				
3/4	96.595	3/4	96.595	3/4	96.595	3/4	96.595	3/4	96.595	3/4	96.595	3/4	96.595	3/4	96.595	3/4	96.595	3/4	96.595				
1	96.429	1	96.429	1	96.429	1	96.429	1	96.429	1	96.429	1	96.429	1	96.429	1	96.429	1	96.429				
1/4	96.263	1/4	96.263	1/4	96.263	1/4	96.263	1/4	96.263	1/4	96.263	1/4	96.263	1/4	96.263	1/4	96.263	1/4	96.263				
1/2	96.098	1/2	96.098	1/2	96.098	1/2	96.098	1/2	96.098	1/2	96.098	1/2	96.098	1/2	96.098	1/2	96.098	1/2	96.098				
3/4	95.932	3/4	95.932	3/4	95.932	3/4	95.932	3/4	95.932	3/4	95.932	3/4	95.932	3/4	95.932	3/4	95.932	3/4	95.932				
2	95.766	2	95.766	2	95.766	2	95.766	2	95.766	2	95.766	2	95.766	2	95.766	2	95.766	2	95.766				
1/4	95.601	1/4	95.601	1/4	95.601	1/4	95.601	1/4	95.601	1/4	95.601	1/4	95.601	1/4	95.601	1/4	95.601	1/4	95.601				
1/2	95.435	1/2	95.435	1/2	95.435	1/2	95.435	1/2	95.435	1/2	95.435	1/2	95.435	1/2	95.435	1/2	95.435	1/2	95.435				
3/4	95.269	3/4	95.269	3/4	95.269	3/4	95.269	3/4	95.269	3/4	95.269	3/4	95.269	3/4	95.269	3/4	95.269	3/4	95.269				
3	95.103	3	95.103	3	95.103	3	95.103	3	95.103	3	95.103	3	95.103	3	95.103	3	95.103	3	95.103				
1/4	94.938	1/4	94.938	1/4	94.938	1/4	94.938	1/4	94.938	1/4	94.938	1/4	94.938	1/4	94.938	1/4	94.938	1/4	94.938				
1/2	94.772	1/2	94.772	1/2	94.772	1/2	94.772	1/2	94.772	1/2	94.772	1/2	94.772	1/2	94.772	1/2	94.772	1/2	94.772				
3/4	94.606	3/4	94.606	3/4	94.606	3/4	94.606	3/4	94.606	3/4	94.606	3/4	94.606	3/4	94.606	3/4	94.606	3/4	94.606				
4	94.441	4	94.441	4	94.441	4	94.441	4	94.441	4	94.441	4	94.441	4	94.441	4	94.441	4	94.441				
1/4	94.275	1/4	94.275	1/4	94.275	1/4	94.275	1/4	94.275	1/4	94.275	1/4	94.275	1/4	94.275	1/4	94.275	1/4	94.275				
1/2	94.109	1/2	94.109	1/2	94.109	1/2	94.109	1/2	94.109	1/2	94.109	1/2	94.109	1/2	94.109	1/2	94.109	1/2	94.109				
3/4	93.944	3/4	93.944	3/4	93.944	3/4	93.944	3/4	93.944	3/4	93.944	3/4	93.944	3/4	93.944	3/4	93.944	3/4	93.944				
5	93.778	5	93.778	5	93.778	5	93.778	5	93.778	5	93.778	5	93.778	5	93.778	5	93.778	5	93.778				
1/4	93.612	1/4	93.612	1/4	93.612	1/4	93.612	1/4	93.612	1/4	93.612	1/4	93.612	1/4	93.612	1/4	93.612	1/4	93.612				
1/2	93.446	1/2	93.446	1/2	93.446	1/2	93.446	1/2	93.446	1/2	93.446	1/2	93.446	1/2	93.446	1/2	93.446	1/2	93.446				
3/4	93.281	3/4	93.281	3/4	93.281	3/4	93.281	3/4	93.281	3/4	93.281	3/4	93.281	3/4	93.281	3/4	93.281	3/4	93.281				
6	93.115	6	93.115	6	93.115	6	93.115	6	93.115	6	93.115	6	93.115	6	93.115	6	93.115	6	93.115				
1/4	92.949	1/4	92.949	1/4	92.949	1/4	92.949	1/4	92.949	1/4	92.949	1/4	92.949	1/4	92.949	1/4	92.949	1/4	92.949				
1/2	92.784	1/2	92.784	1/2	92.784	1/2	92.784	1/2	92.784	1/2	92.784	1/2	92.784	1/2	92.784	1/2	92.784	1/2	92.784				
3/4	92.618	3/4	92.618	3/4	92.618	3/4	92.618	3/4	92.618	3/4	92.618	3/4	92.618	3/4	92.618	3/4	92.618	3/4	92.618				
7	92.452	7	92.452	7	92.452	7	92.452	7	92.452	7	92.452	7	92.452	7	92.452	7	92.452	7	92.452				
1/4	92.287	1/4	92.287	1/4	92.287	1/4	92.287	1/4	92.287	1/4	92.287	1/4	92.287	1/4	92.287	1/4	92.287	1/4	92.287				
1/2	92.121	1/2	92.121	1/2	92.121	1/2	92.121	1/2	92.121	1/2	92.121	1/2	92.121	1/2	92.121	1/2	92.121	1/2	92.121				
3/4	91.955	3/4	91.955	3/4	91.955	3/4	91.955	3/4	91.955	3/4	91.955	3/4	91.955	3/4	91.955	3/4	91.955	3/4	91.955				
8	91.789	8	91.789	8	91.789	8	91.789	8	91.789	8	91.789	8	91.789	8	91.789	8	91.789	8	91.789				
1/4	91.624	1/4	91.624	1/4	91.624	1/4	91.624	1/4	91.624	1/4	91.624	1/4	91.624	1/4	91.624	1/4	91.624	1/4	91.624				
1/2	91.458	1/2	91.458	1/2	91.458	1/2	91.458	1/2	91.458	1/2	91.458	1/2	91.458	1/2	91.458	1/2	91.458	1/2	91.458				
3/4	91.292	3/4	91.292	3/4	91.292	3/4	91.292	3/4	91.292	3/4	91.292	3/4	91.292	3/4	91.292	3/4	91.292	3/4	91.292				
9	91.127	9	91.127	9	91.127	9	91.127	9	91.127	9	91.127	9	91.127	9	91.127	9	91.127	9	91.127				
1/4	90.961	1/4	90.961	1/4	90.961	1/4	90.961	1/4	90.961	1/4	90.961	1/4	90.961	1/4	90.961	1/4	90.961	1/4	90.961				
1/2	90.795	1/2	90.795	1/2	90.795	1/2	90.795	1/2	90.795	1/2	90.795	1/2	90.795	1/2	90.795	1/2	90.795	1/2	90.795				
3/4	90.630	3/4	90.630	3/4	90.630	3/4	90.630	3/4	90.630	3/4	90.630	3/4	90.630	3/4	90.630	3/4	90.630	3/4	90.630				
10	90.464	10	90.464	10	90.464	10	90.464	10	90.464	10	90.464	10	90.464	10	90.464	10	90.464	10	90.464				
1/4	90.298	1/4	90.298	1/4	90.298	1/4	90.298	1/4	90.298	1/4	90.298	1/4	90.298	1/4	90.298	1/4	90.298	1/4	90.298				
1/2	90.132	1/2	90.132	1/2	90.132	1/2	90.132	1/2	90.132	1/2	90.132	1/2	90.132	1/2	90.132	1/2	90.132	1/2	90.132				
3/4	89.967	3/4	89.967	3/4	89.967	3/4	89.967	3/4	89.967	3/4	89.967	3/4	89.967	3/4	89.967	3/4	89.967	3/4	89.967				
11	89.801	11	89.801	11	89.801	11	89.801	11	89.801	11	89.801	11	89.801	11	89.801	11	89.801	11	89.801				
1/4	89.635	1/4	89.635	1/4	89.635	1/4	89.635	1/4	89.635	1/4	89.635	1/4	89.635	1/4	89.635	1/4	89.635	1/4	89.635				
1/2	89.470	1/2	89.470	1/2	89.470	1/2	89.470	1/2	89.470	1/2	89.470	1/2	89.470	1/2	89.470	1/2	89.470	1/2	89.470				
3/4	89.304	3/4	89.304	3/4	89.304	3/4	89.304	3/4	89.304	3/4	89.304	3/4	89.304	3/4	89.304	3/4	89.304	3/4	89.304				

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CERTIFIED TANK CALIBRATION, INC.

Dale A. Row

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
NOTE: CAPACITY TABLE APPLIES ONLY TO ULLAGE GAUGES OBTAINED WITH "MM-C" GAUGING DEVICE.
NOTE: GAUGE POINT LOCATED 13'-6" OFF CENTERLINE AND 26'-2" FORWARD OF AFT BULKHEAD.
NOTE: NO TRIM CORRECTION REQUIRED DUE TO GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK.
NOTE: CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

DATE STRAPPED: 6/12/85 BY: KS-RF
DATE COMPUTED: 6/13/85 BY: KS
DATE ISSUED: 6/14/85

BARGE "CBC 184"

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	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	25,510	0	17,557	0	9,603	0	1,668	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	25,344	1/4	17,391	1/4	9,437	1/4	1,519	1/4	1,519	1/4	1,519	1/4	1,519	1/4	1,519	1/4	1,519	1/4	1,519	1/4	1,519
1/2	25,179	1/2	17,225	1/2	9,272	1/2	1,370	1/2	1,370	1/2	1,370	1/2	1,370	1/2	1,370	1/2	1,370	1/2	1,370	1/2	1,370
3/4	25,013	3/4	17,059	3/4	9,106	3/4	1,221	3/4	1,221	3/4	1,221	3/4	1,221	3/4	1,221	3/4	1,221	3/4	1,221	3/4	1,221
1	24,847	1	16,894	1	8,940	1	956	1	956	1	956	1	956	1	956	1	956	1	956	1	956
1/4	24,682	1/4	16,728	1/4	8,775	1/4	840	1/4	840	1/4	840	1/4	840	1/4	840	1/4	840	1/4	840	1/4	840
1/2	24,516	1/2	16,562	1/2	8,609	1/2	724	1/2	724	1/2	724	1/2	724	1/2	724	1/2	724	1/2	724	1/2	724
3/4	24,350	3/4	16,397	3/4	8,443	3/4	608	3/4	608	3/4	608	3/4	608	3/4	608	3/4	608	3/4	608	3/4	608
2	24,184	2	16,231	2	8,277	2	492	2	492	2	492	2	492	2	492	2	492	2	492	2	492
1/4	24,019	1/4	16,065	1/4	8,112	1/4	376	1/4	376	1/4	376	1/4	376	1/4	376	1/4	376	1/4	376	1/4	376
1/2	23,853	1/2	15,900	1/2	7,946	1/2	260	1/2	260	1/2	260	1/2	260	1/2	260	1/2	260	1/2	260	1/2	260
3/4	23,687	3/4	15,734	3/4	7,780	3/4	144	3/4	144	3/4	144	3/4	144	3/4	144	3/4	144	3/4	144	3/4	144
3	23,522	3	15,568	3	7,615	3	28	3	28	3	28	3	28	3	28	3	28	3	28	3	28
1/4	23,356	1/4	15,402	1/4	7,449	1/4	12	1/4	12	1/4	12	1/4	12	1/4	12	1/4	12	1/4	12	1/4	12
1/2	23,190	1/2	15,237	1/2	7,283	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	23,025	3/4	15,071	3/4	7,118	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
4	22,859	4	14,905	4	6,952	4	0	4	0	4	0	4	0	4	0	4	0	4	0	4	0
1/4	22,693	1/4	14,740	1/4	6,786	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	22,528	1/2	14,574	1/2	6,620	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	22,362	3/4	14,408	3/4	6,455	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
5	22,196	5	14,243	5	6,289	5	0	5	0	5	0	5	0	5	0	5	0	5	0	5	0
1/4	22,030	1/4	14,077	1/4	6,123	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	21,865	1/2	13,911	1/2	5,958	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	21,699	3/4	13,745	3/4	5,792	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
6	21,533	6	13,580	6	5,626	6	0	6	0	6	0	6	0	6	0	6	0	6	0	6	0
1/4	21,368	1/4	13,414	1/4	5,461	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	21,202	1/2	13,248	1/2	5,295	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	21,036	3/4	13,083	3/4	5,131	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
7	20,871	7	12,917	7	4,967	7	0	7	0	7	0	7	0	7	0	7	0	7	0	7	0
1/4	20,705	1/4	12,751	1/4	4,802	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	20,539	1/2	12,586	1/2	4,637	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	20,373	3/4	12,420	3/4	4,472	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
8	20,208	8	12,254	8	4,307	8	0	8	0	8	0	8	0	8	0	8	0	8	0	8	0
1/4	20,042	1/4	12,088	1/4	4,142	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	19,876	1/2	11,923	1/2	3,977	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	19,711	3/4	11,757	3/4	3,812	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
9	19,545	9	11,591	9	3,647	9	0	9	0	9	0	9	0	9	0	9	0	9	0	9	0
1/4	19,379	1/4	11,426	1/4	3,482	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	19,214	1/2	11,260	1/2	3,317	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	19,048	3/4	11,094	3/4	3,152	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
10	18,882	10	10,929	10	2,987	10	0	10	0	10	0	10	0	10	0	10	0	10	0	10	0
1/4	18,716	1/4	10,763	1/4	2,823	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	18,551	1/2	10,597	1/2	2,658	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	18,385	3/4	10,432	3/4	2,493	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
11	18,219	11	10,266	11	2,328	11	0	11	0	11	0	11	0	11	0	11	0	11	0	11	0
1/4	18,054	1/4	10,100	1/4	2,163	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	17,888	1/2	9,934	1/2	1,998	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	17,722	3/4	9,769	3/4	1,833	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0

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CERTIFIED TANK CALIBRATION, INC.

DATE STRAPPED: 6/12/05 BY: KS-RF
DATE COMPUTED: 6/13/05 BY: KS
DATE ISSUED: 6/14/05

Bill A. Brown

BARGE "CBC 184"

**3 STBD
ULLAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS		GAUGE HEIGHT 16'-3 1/2"																	
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	97,958	0	89,975	0	81,991	0	74,007	0	66,024	0	58,040	0	50,056	0	42,073	0	34,089
1/4		1/4	97,782	1/4	89,808	1/4	81,825	1/4	73,841	1/4	65,857	1/4	57,874	1/4	49,890	1/4	41,907	1/4	33,923
1/2		1/2	97,606	1/2	89,632	1/2	81,659	1/2	73,675	1/2	65,691	1/2	57,707	1/2	49,724	1/2	41,724	1/2	33,757
3/4		3/4	97,430	3/4	89,456	3/4	81,492	3/4	73,508	3/4	65,525	3/4	57,541	3/4	49,558	3/4	41,574	3/4	33,590
1		1	97,254	1	89,280	1	81,326	1	73,342	1	65,368	1	57,375	1	49,391	1	41,408	1	33,424
1/4		1/4	97,078	1/4	89,104	1/4	81,159	1/4	73,176	1/4	65,192	1/4	57,208	1/4	49,225	1/4	41,241	1/4	33,258
1/2		1/2	96,902	1/2	88,928	1/2	80,983	1/2	73,009	1/2	65,026	1/2	57,042	1/2	49,059	1/2	41,075	1/2	33,091
3/4		3/4	96,726	3/4	88,752	3/4	80,827	3/4	72,843	3/4	64,869	3/4	56,874	3/4	48,892	3/4	40,909	3/4	32,925
1		1	96,550	1	88,576	1	80,660	1	72,677	1	64,702	1	56,710	1	48,726	1	40,742	1	32,759
1/4		1/4	96,374	1/4	88,400	1/4	80,494	1/4	72,510	1/4	64,527	1/4	56,543	1/4	48,560	1/4	40,576	1/4	32,592
1/2		1/2	96,198	1/2	88,224	1/2	80,328	1/2	72,344	1/2	64,360	1/2	56,377	1/2	48,393	1/2	40,410	1/2	32,426
3/4		3/4	96,022	3/4	88,048	3/4	80,161	3/4	72,178	3/4	64,194	3/4	56,211	3/4	48,227	3/4	40,243	3/4	32,260
1		1	95,846	1	87,872	1	79,995	1	72,011	1	64,028	1	56,044	1	48,061	1	40,077	1	32,093
1/4		1/4	95,670	1/4	87,696	1/4	79,829	1/4	71,845	1/4	63,862	1/4	55,878	1/4	47,894	1/4	39,911	1/4	31,927
1/2		1/2	95,494	1/2	87,520	1/2	79,662	1/2	71,679	1/2	63,695	1/2	55,712	1/2	47,728	1/2	39,744	1/2	31,761
3/4		3/4	95,318	3/4	87,344	3/4	79,496	3/4	71,512	3/4	63,529	3/4	55,545	3/4	47,562	3/4	39,578	3/4	31,594
1		1	95,142	1	87,168	1	79,330	1	71,346	1	63,363	1	55,379	1	47,395	1	39,412	1	31,428
1/4		1/4	94,966	1/4	86,992	1/4	79,163	1/4	71,180	1/4	63,196	1/4	55,213	1/4	47,229	1/4	39,245	1/4	31,262
1/2		1/2	94,790	1/2	86,816	1/2	79,007	1/2	71,013	1/2	63,030	1/2	55,046	1/2	47,063	1/2	39,079	1/2	31,095
3/4		3/4	94,614	3/4	86,640	3/4	78,841	3/4	70,847	3/4	62,864	3/4	54,880	3/4	46,896	3/4	38,913	3/4	30,929
1		1	94,438	1	86,464	1	78,674	1	70,681	1	62,697	1	54,714	1	46,730	1	38,746	1	30,763
1/4		1/4	94,262	1/4	86,288	1/4	78,508	1/4	70,515	1/4	62,531	1/4	54,547	1/4	46,564	1/4	38,580	1/4	30,596
1/2		1/2	94,086	1/2	86,112	1/2	78,342	1/2	70,348	1/2	62,365	1/2	54,381	1/2	46,397	1/2	38,414	1/2	30,430
3/4		3/4	93,910	3/4	85,936	3/4	78,176	3/4	70,182	3/4	62,198	3/4	54,215	3/4	46,231	3/4	38,247	3/4	30,264
1		1	93,734	1	85,760	1	78,010	1	70,016	1	62,032	1	54,048	1	46,065	1	38,081	1	30,097
1/4		1/4	93,558	1/4	85,584	1/4	77,843	1/4	69,849	1/4	61,866	1/4	53,882	1/4	45,898	1/4	37,915	1/4	29,931
1/2		1/2	93,382	1/2	85,408	1/2	77,677	1/2	69,683	1/2	61,699	1/2	53,716	1/2	45,732	1/2	37,748	1/2	29,765
3/4		3/4	93,206	3/4	85,232	3/4	77,511	3/4	69,517	3/4	61,533	3/4	53,549	3/4	45,566	3/4	37,582	3/4	29,598
1		1	93,030	1	85,056	1	77,345	1	69,350	1	61,367	1	53,383	1	45,400	1	37,416	1	29,432
1/4		1/4	92,854	1/4	84,880	1/4	77,179	1/4	69,184	1/4	61,200	1/4	53,217	1/4	45,233	1/4	37,249	1/4	29,266
1/2		1/2	92,678	1/2	84,704	1/2	77,013	1/2	69,018	1/2	61,034	1/2	53,050	1/2	45,067	1/2	37,083	1/2	29,100
3/4		3/4	92,502	3/4	84,528	3/4	76,847	3/4	68,851	3/4	60,868	3/4	52,884	3/4	44,900	3/4	36,917	3/4	28,933
1		1	92,326	1	84,352	1	76,681	1	68,685	1	60,701	1	52,718	1	44,734	1	36,750	1	28,767
1/4		1/4	92,150	1/4	84,176	1/4	76,515	1/4	68,519	1/4	60,535	1/4	52,551	1/4	44,568	1/4	36,584	1/4	28,600
1/2		1/2	91,974	1/2	84,000	1/2	76,349	1/2	68,352	1/2	60,369	1/2	52,385	1/2	44,401	1/2	36,418	1/2	28,434
3/4		3/4	91,798	3/4	83,824	3/4	76,183	3/4	68,186	3/4	60,202	3/4	52,219	3/4	44,235	3/4	36,251	3/4	28,268
1		1	91,622	1	83,648	1	76,017	1	68,020	1	60,036	1	52,052	1	44,069	1	36,085	1	28,102
1/4		1/4	91,446	1/4	83,472	1/4	75,851	1/4	67,853	1/4	59,870	1/4	51,886	1/4	43,902	1/4	35,919	1/4	27,935
1/2		1/2	91,270	1/2	83,296	1/2	75,685	1/2	67,687	1/2	59,703	1/2	51,720	1/2	43,736	1/2	35,752	1/2	27,769
3/4		3/4	91,094	3/4	83,120	3/4	75,519	3/4	67,521	3/4	59,537	3/4	51,553	3/4	43,570	3/4	35,586	3/4	27,603
1		1	90,918	1	82,944	1	75,353	1	67,354	1	59,371	1	51,387	1	43,403	1	35,420	1	27,437
1/4		1/4	90,742	1/4	82,768	1/4	75,187	1/4	67,188	1/4	59,204	1/4	51,221	1/4	43,237	1/4	35,254	1/4	27,270
1/2		1/2	90,566	1/2	82,592	1/2	75,021	1/2	67,022	1/2	59,038	1/2	51,054	1/2	43,071	1/2	35,087	1/2	27,104
3/4		3/4	90,390	3/4	82,416	3/4	74,855	3/4	66,859	3/4	58,872	3/4	50,888	3/4	42,904	3/4	34,921	3/4	26,937
1		1	90,214	1	82,240	1	74,689	1	66,693	1	58,705	1	50,722	1	42,738	1	34,755	1	26,771
1/4		1/4	90,038	1/4	82,064	1/4	74,523	1/4	66,523	1/4	58,539	1/4	50,555	1/4	42,572	1/4	34,588	1/4	26,605
1/2		1/2	89,862	1/2	81,888	1/2	74,357	1/2	66,356	1/2	58,373	1/2	50,389	1/2	42,406	1/2	34,422	1/2	26,439
3/4		3/4	89,686	3/4	81,712	3/4	74,191	3/4	66,190	3/4	58,206	3/4	50,223	3/4	42,239	3/4	34,256	3/4	26,272

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NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH NIPMS CHAPTER 2.7.
NOTE: CAPACITY TABLE APPLIES ONLY TO ULLAGE GAUGES OBTAINED WITH "M/M/C" GAUGING DEVICE.
NOTE: GAUGE POINT LOCATED 10'-1" OFF CENTERLINE AND 26'-2" FORWARD OF AFT BULKHEAD.
NOTE: NO TRIM CORRECTION REQUIRED DUE TO GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK.
NOTE: CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

DATE STRAPPED: 6/12/85 BY: KS-RF
DATE COMPUTED: 6/13/85 BY: KS
DATE ISSUED: 6/14/85

CERTIFIED TANK CALIBRATION, INC.

Bill A. Row

**CERTIFIED TANK
CALIBRATION, INC.**
DEER PARK, TEXAS 77133-9000

BARGE "CBC 184"

**3 STBD
ULLAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS												GAUGE HEIGHT 16'-3 1/2"							
IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.	IN	20 FT.	IN	21 FT.	IN	22 FT.
0	26,106	0	18,122	0	10,138	0	2,171	0		0		0		0		0		0	
1/4	25,839	1/4	17,856	1/4	9,972	1/4	2,005	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	25,173	1/2	17,189	1/2	9,806	1/2	1,840	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	25,607	3/4	17,623	3/4	9,639	3/4	1,674	3/4		3/4		3/4		3/4		3/4		3/4	
1	25,440	1	17,457	1	9,473	1	1,525	1		1		1		1		1		1	
1 1/4	25,274	1 1/4	17,290	1 1/4	9,307	1 1/4	1,375	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	25,108	1 1/2	17,124	1 1/2	9,140	1 1/2	1,225	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
1 3/4	24,941	1 3/4	16,958	1 3/4	8,974	1 3/4	1,076	1 3/4		1 3/4		1 3/4		1 3/4		1 3/4		1 3/4	
2	24,775	2	16,791	2	8,808	2	959	2		2		2		2		2		2	
1/4	24,609	1/4	16,625	1/4	8,641	1/4	843	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	24,442	1/2	16,459	1/2	8,475	1/2	726	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	24,276	3/4	16,292	3/4	8,309	3/4	610	3/4		3/4		3/4		3/4		3/4		3/4	
3	24,110	3	16,126	3	8,142	3	527	3		3		3		3		3		3	
1/4	23,943	1/4	15,960	1/4	7,976	1/4	444	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	23,777	1/2	15,793	1/2	7,810	1/2	360	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	23,611	3/4	15,627	3/4	7,643	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	23,444	4	15,461	4	7,477	4		4		4		4		4		4		4	
1/4	23,278	1/4	15,294	1/4	7,311	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	23,112	1/2	15,128	1/2	7,145	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	22,945	3/4	14,962	3/4	6,978	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	22,779	5	14,795	5	6,812	5		5		5		5		5		5		5	
1/4	22,613	1/4	14,629	1/4	6,646	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	22,446	1/2	14,463	1/2	6,479	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	22,280	3/4	14,297	3/4	6,313	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	22,114	6	14,130	6	6,147	6		6		6		6		6		6		6	
1/4	21,947	1/4	13,964	1/4	5,980	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	21,781	1/2	13,798	1/2	5,814	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	21,615	3/4	13,631	3/4	5,648	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	21,448	7	13,465	7	5,482	7		7		7		7		7		7		7	
1/4	21,282	1/4	13,299	1/4	5,316	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	21,116	1/2	13,132	1/2	5,151	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	20,950	3/4	12,965	3/4	4,985	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	20,783	8	12,800	8	4,820	8		8		8		8		8		8		8	
1/4	20,617	1/4	12,633	1/4	4,654	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	20,451	1/2	12,467	1/2	4,489	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	20,284	3/4	12,301	3/4	4,323	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	20,118	9	12,134	9	4,158	9		9		9		9		9		9		9	
1/4	19,952	1/4	11,968	1/4	3,992	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	19,785	1/2	11,802	1/2	3,827	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	19,619	3/4	11,635	3/4	3,661	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	19,453	10	11,469	10	3,495	10		10		10		10		10		10		10	
1/4	19,286	1/4	11,303	1/4	3,330	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	19,120	1/2	11,136	1/2	3,164	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	18,954	3/4	10,970	3/4	2,999	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	18,787	11	10,804	11	2,833	11		11		11		11		11		11		11	
1/4	18,621	1/4	10,637	1/4	2,668	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	18,455	1/2	10,471	1/2	2,502	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	18,288	3/4	10,305	3/4	2,337	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

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DATE STRAPPED: 6/12/05 BY: KS-RF
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DATE ISSUED: 6/14/05

CERTIFIED TANK CALIBRATION, INC.

Paul A. Brown

BARGE "CBU 184"

TANK NO. 4
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS		GAUGE HEIGHT 16'-7 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	200,536	0	184,451	0	169,365	0	152,280	0	136,195	0	120,109	0	104,024	0	87,939	0	71,854	0	55,769
1/4	200,201	1/4	184,116	1/4	169,030	1/4	151,945	1/4	135,860	1/4	119,774	1/4	103,689	1/4	87,604	1/4	71,518	1/4	55,433
1/2	199,866	1/2	183,781	1/2	167,695	1/2	151,610	1/2	135,525	1/2	119,439	1/2	103,354	1/2	87,269	1/2	71,183	1/2	55,148
3/4	199,531	3/4	183,445	3/4	167,360	3/4	151,275	3/4	135,189	3/4	119,104	3/4	103,019	3/4	86,933	3/4	70,848	3/4	54,863
1	199,196	1	183,110	1	167,025	1	150,940	1	134,854	1	118,759	1	102,684	1	86,598	1	70,513	1	54,538
1/4	198,861	1/4	182,775	1/4	166,681	1/4	150,605	1/4	134,519	1/4	118,424	1/4	102,349	1/4	86,263	1/4	70,178	1/4	54,203
1/2	198,525	1/2	182,440	1/2	166,345	1/2	150,269	1/2	134,184	1/2	118,089	1/2	102,013	1/2	85,928	1/2	69,843	1/2	53,868
3/4	198,190	3/4	182,105	3/4	166,010	3/4	149,924	3/4	133,849	3/4	117,754	3/4	101,678	3/4	85,593	3/4	69,508	3/4	53,533
1	197,855	1	181,770	1	165,665	1	149,599	1	133,519	1	117,429	1	101,343	1	85,258	1	69,173	1	53,203
1/4	197,520	1/4	181,435	1/4	165,329	1/4	149,264	1/4	133,179	1/4	117,093	1/4	101,008	1/4	84,923	1/4	68,838	1/4	52,868
1/2	197,185	1/2	181,100	1/2	165,014	1/2	148,929	1/2	132,844	1/2	116,758	1/2	100,673	1/2	84,588	1/2	68,503	1/2	52,533
3/4	196,850	3/4	180,765	3/4	164,679	3/4	148,594	3/4	132,509	3/4	116,423	3/4	100,338	3/4	84,253	3/4	68,168	3/4	52,203
1	196,515	1	180,429	1	164,343	1	148,259	1	132,173	1	116,088	1	100,003	1	83,917	1	67,833	1	51,868
1/4	196,180	1/4	180,094	1/4	164,009	1/4	147,924	1/4	131,838	1/4	115,753	1/4	99,668	1/4	83,582	1/4	67,498	1/4	51,533
1/2	195,845	1/2	179,759	1/2	163,674	1/2	147,589	1/2	131,503	1/2	115,418	1/2	99,333	1/2	83,247	1/2	67,163	1/2	51,203
3/4	195,509	3/4	179,424	3/4	163,339	3/4	147,253	3/4	131,168	3/4	115,083	3/4	98,997	3/4	82,912	3/4	66,827	3/4	50,868
1	195,174	1	179,089	1	163,004	1	146,918	1	130,833	1	114,748	1	98,662	1	82,577	1	66,492	1	50,533
1/4	194,839	1/4	178,754	1/4	162,669	1/4	146,583	1/4	130,498	1/4	114,413	1/4	98,327	1/4	82,242	1/4	66,157	1/4	50,203
1/2	194,504	1/2	178,419	1/2	162,333	1/2	146,248	1/2	130,163	1/2	114,077	1/2	97,992	1/2	81,907	1/2	65,822	1/2	49,868
3/4	194,169	3/4	178,084	3/4	161,998	3/4	145,913	3/4	129,828	3/4	113,742	3/4	97,657	3/4	81,572	3/4	65,487	3/4	49,533
1	193,834	1	177,749	1	161,663	1	145,578	1	129,493	1	113,407	1	97,322	1	81,237	1	65,152	1	49,203
1/4	193,499	1/4	177,413	1/4	161,328	1/4	145,243	1/4	129,157	1/4	113,072	1/4	96,987	1/4	80,902	1/4	64,817	1/4	48,868
1/2	193,164	1/2	177,078	1/2	160,993	1/2	144,908	1/2	128,822	1/2	112,737	1/2	96,652	1/2	80,567	1/2	64,482	1/2	48,533
3/4	192,829	3/4	176,743	3/4	160,658	3/4	144,573	3/4	128,487	3/4	112,402	3/4	96,317	3/4	80,232	3/4	64,147	3/4	48,203
1	192,493	1	176,408	1	160,323	1	144,238	1	128,152	1	112,067	1	95,982	1	79,897	1	63,812	1	47,868
1/4	192,158	1/4	176,073	1/4	159,988	1/4	143,902	1/4	127,817	1/4	111,732	1/4	95,647	1/4	79,562	1/4	63,477	1/4	47,533
1/2	191,823	1/2	175,738	1/2	159,653	1/2	143,567	1/2	127,482	1/2	111,397	1/2	95,312	1/2	79,227	1/2	63,142	1/2	47,203
3/4	191,488	3/4	175,403	3/4	159,318	3/4	143,232	3/4	127,147	3/4	111,062	3/4	94,977	3/4	78,892	3/4	62,807	3/4	46,868
1	191,153	1	175,068	1	158,982	1	142,897	1	126,812	1	110,727	1	94,642	1	78,557	1	62,472	1	46,533
1/4	190,818	1/4	174,733	1/4	158,647	1/4	142,562	1/4	126,477	1/4	110,392	1/4	94,307	1/4	78,222	1/4	62,137	1/4	46,203
1/2	190,483	1/2	174,397	1/2	158,312	1/2	142,227	1/2	126,141	1/2	110,057	1/2	93,972	1/2	77,887	1/2	61,802	1/2	45,868
3/4	190,148	3/4	174,062	3/4	157,977	3/4	141,892	3/4	125,806	3/4	109,721	3/4	93,637	3/4	77,552	3/4	61,467	3/4	45,533
1	189,813	1	173,727	1	157,642	1	141,557	1	125,471	1	109,386	1	93,302	1	77,217	1	61,132	1	45,203
1/4	189,477	1/4	173,392	1/4	157,307	1/4	141,222	1/4	125,136	1/4	109,051	1/4	92,967	1/4	76,882	1/4	60,797	1/4	44,868
1/2	189,142	1/2	173,057	1/2	156,972	1/2	140,886	1/2	124,801	1/2	108,716	1/2	92,632	1/2	76,547	1/2	60,462	1/2	44,533
3/4	188,807	3/4	172,722	3/4	156,637	3/4	140,551	3/4	124,466	3/4	108,381	3/4	92,297	3/4	76,212	3/4	60,127	3/4	44,203
1	188,472	1	172,387	1	156,301	1	140,216	1	124,131	1	108,046	1	91,962	1	75,877	1	59,792	1	43,868
1/4	188,137	1/4	172,052	1/4	155,966	1/4	139,881	1/4	123,796	1/4	107,711	1/4	91,627	1/4	75,542	1/4	59,457	1/4	43,533
1/2	187,802	1/2	171,717	1/2	155,631	1/2	139,546	1/2	123,461	1/2	107,376	1/2	91,292	1/2	75,207	1/2	59,122	1/2	43,203
3/4	187,467	3/4	171,381	3/4	155,296	3/4	139,211	3/4	123,125	3/4	107,040	3/4	90,957	3/4	74,872	3/4	58,787	3/4	42,868
1	187,132	1	171,046	1	154,961	1	138,876	1	122,790	1	106,705	1	90,622	1	74,537	1	58,452	1	42,533
1/4	186,797	1/4	170,711	1/4	154,626	1/4	138,541	1/4	122,455	1/4	106,370	1/4	90,287	1/4	74,202	1/4	58,117	1/4	42,203
1/2	186,461	1/2	170,376	1/2	154,291	1/2	138,205	1/2	122,120	1/2	106,035	1/2	89,952	1/2	73,867	1/2	57,782	1/2	41,868
3/4	186,126	3/4	170,041	3/4	153,956	3/4	137,870	3/4	121,785	3/4	105,700	3/4	89,617	3/4	73,532	3/4	57,447	3/4	41,533
1	185,791	1	169,706	1	153,621	1	137,535	1	121,450	1	105,365	1	89,282	1	73,197	1	57,107	1	41,203
1/4	185,456	1/4	169,371	1/4	153,286	1/4	137,200	1/4	121,115	1/4	105,029	1/4	88,947	1/4	72,862	1/4	56,772	1/4	40,868
1/2	185,121	1/2	169,036	1/2	152,950	1/2	136,865	1/2	120,780	1/2	104,694	1/2	88,612	1/2	72,527	1/2	56,437	1/2	40,533
3/4	184,786	3/4	168,701	3/4	152,615	3/4	136,530	3/4	120,445	3/4	104,359	3/4	88,277	3/4	72,192	3/4	56,102	3/4	40,203

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 "MM-C" GAUGING DEVICE.
 NOTE: GAUGE POINT LOCATED 1'-8" OFF CENTERLINE AND 23'-6" FORWARD OF AFT BULKHEAD.
 NOTE: NO TRIM CORRECTION REQUIRED DUE TO GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK.
 NOTE: CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

DATE STRAPPED: 6/12/05 BY: KS-RF
 DATE COMPUTED: 6/13/05 BY: KS
 DATE ISSUED: 6/14/05

CERTIFIED TANK CALIBRATION, INC.

Dick A. Rose

**CERTIFIED TANK
CALIBRATION, INC.**
DEER PARK, TEXAS 77133-4000

BARGE "CBC 184"

**TANK NO. 4
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.	
M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N
0	55,768	0	39,683	0	23,598	0	7,530	0	0	0	0	0	0	0	0	0	0	0	0
1/4	55,433	1/4	39,348	1/4	23,262	1/4	7,197	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	55,098	1/2	39,013	1/2	22,927	1/2	6,863	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	54,763	3/4	38,678	3/4	22,592	3/4	6,530	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	54,428	1	38,342	1	22,257	1	6,196	1	1	1	1	1	1	1	1	1	1	1	1
1/4	54,093	1/4	38,007	1/4	21,922	1/4	5,862	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	53,758	1/2	37,672	1/2	21,587	1/2	5,527	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	53,422	3/4	37,337	3/4	21,252	3/4	5,195	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	53,087	2	37,002	2	20,917	2	4,862	2	2	2	2	2	2	2	2	2	2	2	2
1/4	52,752	1/4	36,667	1/4	20,582	1/4	4,528	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	52,417	1/2	36,332	1/2	20,246	1/2	4,195	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	52,082	3/4	35,997	3/4	19,911	3/4	3,861	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	51,747	3	35,662	3	19,576	3	3,528	3	3	3	3	3	3	3	3	3	3	3	3
1/4	51,412	1/4	35,326	1/4	19,241	1/4	3,210	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	51,077	1/2	34,991	1/2	18,906	1/2	2,909	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	50,742	3/4	34,656	3/4	18,571	3/4	2,607	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	50,406	4	34,321	4	18,236	4	2,305	4	4	4	4	4	4	4	4	4	4	4	4
1/4	50,071	1/4	33,986	1/4	17,901	1/4	2,037	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	49,736	1/2	33,651	1/2	17,566	1/2	1,803	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	49,401	3/4	33,316	3/4	17,230	3/4	1,568	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	49,066	5	32,981	5	16,895	5	1,334	5	5	5	5	5	5	5	5	5	5	5	5
1/4	48,731	1/4	32,646	1/4	16,560	1/4	1,133	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	48,396	1/2	32,310	1/2	16,225	1/2	965	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	48,061	3/4	31,975	3/4	15,890	3/4	798	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	47,726	6	31,640	6	15,555	6	630	6	6	6	6	6	6	6	6	6	6	6	6
1/4	47,390	1/4	31,305	1/4	15,220	1/4	496	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	47,055	1/2	30,970	1/2	14,885	1/2	396	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	46,720	3/4	30,635	3/4	14,550	3/4	295	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	46,385	7	30,300	7	14,214	7	195	7	7	7	7	7	7	7	7	7	7	7	7
1/4	46,050	1/4	29,965	1/4	13,879	1/4	128	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	45,715	1/2	29,630	1/2	13,544	1/2	95	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	45,380	3/4	29,294	3/4	13,209	3/4	61	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	45,045	8	28,959	8	12,874	8	61	8	8	8	8	8	8	8	8	8	8	8	8
1/4	44,710	1/4	28,624	1/4	12,539	1/4	61	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	44,374	1/2	28,289	1/2	12,204	1/2	61	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	44,039	3/4	27,954	3/4	11,869	3/4	61	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	43,704	9	27,619	9	11,534	9	61	9	9	9	9	9	9	9	9	9	9	9	9
1/4	43,369	1/4	27,284	1/4	11,199	1/4	61	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	43,034	1/2	26,949	1/2	10,864	1/2	61	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	42,699	3/4	26,614	3/4	10,529	3/4	61	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	42,364	10	26,278	10	10,194	10	61	10	10	10	10	10	10	10	10	10	10	10	10
1/4	42,029	1/4	25,943	1/4	9,859	1/4	61	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	41,694	1/2	25,608	1/2	9,524	1/2	61	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	41,359	3/4	25,273	3/4	9,189	3/4	61	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	41,023	11	24,938	11	8,854	11	61	11	11	11	11	11	11	11	11	11	11	11	11
1/4	40,688	1/4	24,603	1/4	8,519	1/4	61	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	40,353	1/2	24,268	1/2	8,184	1/2	61	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	40,018	3/4	23,933	3/4	7,849	3/4	61	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

GAUGE HEIGHT 16'-7 3/4"

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DATE STRAPPED: 6/12/05 BY: KS-RF
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CERTIFIED TANK CALIBRATION, INC.

