

**BARREL "IB 1929"**

**TANK NO. 1**  
**ULLAGE TABLE**

GAUGE HEIGHT 17'-5 5/8"

CAPACITIES GIVEN IN WHOLE GALLONS		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		20 FT.		21 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	69,581	0	56,866	0	44,151	0	31,436	0	18,747	0	6,037	0		0		0		0		0	
1/4	69,316	1/4	56,601	1/4	43,886	1/4	31,171	1/4	18,483	1/4	5,772	1/4		1/4		1/4		1/4		1/4	
1/2	69,052	1/2	56,337	1/2	43,621	1/2	30,906	1/2	18,219	1/2	5,506	1/2		1/2		1/2		1/2		1/2	
3/4	68,787	3/4	56,072	3/4	43,357	3/4	30,642	3/4	17,955	3/4	5,241	3/4		3/4		3/4		3/4		3/4	
1	68,522	1	55,807	1	43,092	1	30,377	1	17,691	1	4,976	1		1		1		1		1	
1/4	68,257	1/4	55,542	1/4	42,827	1/4	30,112	1/4	17,427	1/4	4,710	1/4		1/4		1/4		1/4		1/4	
1/2	67,992	1/2	55,277	1/2	42,562	1/2	29,847	1/2	17,163	1/2	4,445	1/2		1/2		1/2		1/2		1/2	
3/4	67,727	3/4	55,012	3/4	42,297	3/4	29,582	3/4	16,898	3/4	4,179	3/4		3/4		3/4		3/4		3/4	
2	67,462	2	54,747	2	42,032	2	29,317	2	16,634	2	3,914	2		2		2		2		2	
1/4	67,197	1/4	54,482	1/4	41,767	1/4	29,052	1/4	16,370	1/4	3,649	1/4		1/4		1/4		1/4		1/4	
1/2	66,932	1/2	54,217	1/2	41,502	1/2	28,787	1/2	16,106	1/2	3,383	1/2		1/2		1/2		1/2		1/2	
3/4	66,666	3/4	53,952	3/4	41,237	3/4	28,522	3/4	15,842	3/4	3,118	3/4		3/4		3/4		3/4		3/4	
3	66,403	3	53,688	3	40,973	3	28,257	3	15,577	3	2,852	3		3		3		3		3	
1/4	66,138	1/4	53,423	1/4	40,708	1/4	27,993	1/4	15,313	1/4	2,587	1/4		1/4		1/4		1/4		1/4	
1/2	65,873	1/2	53,158	1/2	40,443	1/2	27,728	1/2	15,049	1/2	2,321	1/2		1/2		1/2		1/2		1/2	
3/4	65,608	3/4	52,893	3/4	40,178	3/4	27,463	3/4	14,784	3/4	2,056	3/4		3/4		3/4		3/4		3/4	
4	65,343	4	52,628	4	39,913	4	27,199	4	14,519	4	1,791	4		4		4		4		4	
1/4	65,078	1/4	52,363	1/4	39,648	1/4	26,935	1/4	14,254	1/4	1,525	1/4		1/4		1/4		1/4		1/4	
1/2	64,813	1/2	52,098	1/2	39,383	1/2	26,670	1/2	13,990	1/2	1,260	1/2		1/2		1/2		1/2		1/2	
3/4	64,548	3/4	51,833	3/4	39,118	3/4	26,406	3/4	13,725	3/4	994	3/4		3/4		3/4		3/4		3/4	
5	64,283	5	51,568	5	38,853	5	26,142	5	13,460	5	729	5		5		5		5		5	
1/4	64,019	1/4	51,303	1/4	38,588	1/4	25,878	1/4	13,195	1/4	464	1/4		1/4		1/4		1/4		1/4	
1/2	63,754	1/2	51,039	1/2	38,324	1/2	25,614	1/2	12,930	1/2	198	1/2		1/2		1/2		1/2		1/2	
3/4	63,489	3/4	50,774	3/4	38,059	3/4	25,349	3/4	12,665	3/4	65	3/4		3/4		3/4		3/4		3/4	
6	63,224	6	50,509	6	37,794	6	25,085	6	12,400	6		6		6		6		6		6	
1/4	62,959	1/4	50,244	1/4	37,529	1/4	24,821	1/4	12,135	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	62,694	1/2	49,979	1/2	37,264	1/2	24,557	1/2	11,870	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	62,429	3/4	49,714	3/4	36,999	3/4	24,293	3/4	11,605	3/4		3/4		3/4		3/4		3/4		3/4	
7	62,164	7	49,449	7	36,734	7	24,029	7	11,340	7		7		7		7		7		7	
1/4	61,899	1/4	49,184	1/4	36,469	1/4	23,765	1/4	11,076	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	61,634	1/2	48,919	1/2	36,204	1/2	23,501	1/2	10,811	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	61,370	3/4	48,655	3/4	35,939	3/4	23,237	3/4	10,546	3/4		3/4		3/4		3/4		3/4		3/4	
8	61,105	8	48,390	8	35,675	8	22,973	8	10,281	8		8		8		8		8		8	
1/4	60,840	1/4	48,125	1/4	35,410	1/4	22,709	1/4	10,016	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	60,575	1/2	47,860	1/2	35,145	1/2	22,444	1/2	9,751	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	60,310	3/4	47,595	3/4	34,880	3/4	22,180	3/4	9,486	3/4		3/4		3/4		3/4		3/4		3/4	
9	60,045	9	47,330	9	34,615	9	21,916	9	9,221	9		9		9		9		9		9	
1/4	59,780	1/4	47,065	1/4	34,350	1/4	21,652	1/4	8,956	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	59,515	1/2	46,800	1/2	34,085	1/2	21,388	1/2	8,691	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	59,250	3/4	46,535	3/4	33,820	3/4	21,124	3/4	8,426	3/4		3/4		3/4		3/4		3/4		3/4	
10	58,986	10	46,270	10	33,555	10	20,860	10	8,161	10		10		10		10		10		10	
1/4	58,721	1/4	46,006	1/4	33,291	1/4	20,596	1/4	7,895	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	58,456	1/2	45,741	1/2	33,026	1/2	20,332	1/2	7,630	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	58,191	3/4	45,476	3/4	32,761	3/4	20,068	3/4	7,364	3/4		3/4		3/4		3/4		3/4		3/4	
11	57,926	11	45,211	11	32,496	11	19,804	11	7,099	11		11		11		11		11		11	
1/4	57,661	1/4	44,946	1/4	32,231	1/4	19,539	1/4	6,834	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	57,396	1/2	44,681	1/2	31,966	1/2	19,275	1/2	6,568	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	57,131	3/4	44,416	3/4	31,701	3/4	19,011	3/4	6,303	3/4		3/4		3/4		3/4		3/4		3/4	

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

CERTIFIED TANK CALIBRATION, INC.

DATE STRAPPED: 6/27/86 BY: DR-RL  
 DATE COMPUTED: 6/28/86 BY: DR  
 DATE ISSUED: 6/28/86

*Bill A. Brown*

**BARGE "IB 1929"**

**TANK NO. 2**  
**ULLAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS																			
IN	2 FT.	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.
0		0	176,975	0	164,737	0	152,499	0	140,260	0	128,022	0	115,784	0	103,546	0	91,308	0	79,070
1/4		1/4	176,720	1/4	164,482	1/4	152,244	1/4	140,006	1/4	127,767	1/4	115,529	1/4	103,291	1/4	91,053	1/4	78,815
1/2		1/2	176,465	1/2	164,227	1/2	151,989	1/2	139,751	1/2	127,513	1/2	115,274	1/2	103,036	1/2	90,798	1/2	78,560
3/4		3/4	176,210	3/4	163,972	3/4	151,734	3/4	139,496	3/4	127,258	3/4	115,020	3/4	102,782	3/4	90,543	3/4	78,305
1		1	175,955	1	163,717	1	151,479	1	139,241	1	127,003	1	114,765	1	102,527	1	90,289	1	78,050
1/4		1/4	175,700	1/4	163,462	1/4	151,224	1/4	138,986	1/4	126,748	1/4	114,510	1/4	102,272	1/4	90,034	1/4	77,796
1/2		1/2	175,445	1/2	163,207	1/2	150,969	1/2	138,731	1/2	126,493	1/2	114,255	1/2	102,017	1/2	89,779	1/2	77,541
3/4		3/4	175,190	3/4	162,952	3/4	150,714	3/4	138,476	3/4	126,238	3/4	114,000	3/4	101,762	3/4	89,524	3/4	77,286
2		2	174,935	2	162,697	2	150,459	2	138,221	2	125,983	2	113,745	2	101,507	2	89,269	2	77,031
1/4		1/4	174,680	1/4	162,442	1/4	150,204	1/4	137,966	1/4	125,728	1/4	113,490	1/4	101,252	1/4	89,014	1/4	76,776
1/2		1/2	174,425	1/2	162,187	1/2	149,949	1/2	137,711	1/2	125,473	1/2	113,235	1/2	100,997	1/2	88,759	1/2	76,521
3/4		3/4	174,170	3/4	161,932	3/4	149,694	3/4	137,456	3/4	125,218	3/4	112,980	3/4	100,742	3/4	88,504	3/4	76,266
3		3	173,915	3	161,677	3	149,439	3	137,201	3	124,963	3	112,725	3	100,487	3	88,249	3	76,011
1/4		1/4	173,660	1/4	161,422	1/4	149,184	1/4	136,946	1/4	124,708	1/4	112,470	1/4	100,232	1/4	87,994	1/4	75,756
1/2		1/2	173,405	1/2	161,167	1/2	148,929	1/2	136,691	1/2	124,453	1/2	112,215	1/2	99,977	1/2	87,739	1/2	75,501
3/4		3/4	173,150	3/4	160,912	3/4	148,674	3/4	136,436	3/4	124,198	3/4	111,960	3/4	99,722	3/4	87,484	3/4	75,246
4		4	172,895	4	160,657	4	148,419	4	136,181	4	123,943	4	111,705	4	99,467	4	87,229	4	74,991
1/4		1/4	172,640	1/4	160,402	1/4	148,164	1/4	135,926	1/4	123,688	1/4	111,450	1/4	99,212	1/4	86,974	1/4	74,736
1/2		1/2	172,385	1/2	160,147	1/2	147,909	1/2	135,671	1/2	123,433	1/2	111,195	1/2	98,957	1/2	86,719	1/2	74,481
3/4		3/4	172,130	3/4	159,892	3/4	147,654	3/4	135,416	3/4	123,178	3/4	110,940	3/4	98,702	3/4	86,464	3/4	74,226
5		5	171,875	5	159,637	5	147,399	5	135,161	5	122,923	5	110,685	5	98,447	5	86,209	5	73,971
1/4		1/4	171,620	1/4	159,382	1/4	147,144	1/4	134,906	1/4	122,668	1/4	110,430	1/4	98,192	1/4	85,954	1/4	73,716
1/2		1/2	171,365	1/2	159,127	1/2	146,889	1/2	134,651	1/2	122,413	1/2	110,175	1/2	97,937	1/2	85,699	1/2	73,461
3/4		3/4	171,110	3/4	158,872	3/4	146,634	3/4	134,396	3/4	122,158	3/4	109,920	3/4	97,682	3/4	85,444	3/4	73,206
6		6	170,856	6	158,618	6	146,379	6	134,141	6	121,903	6	109,665	6	97,427	6	85,189	6	72,951
1/4		1/4	170,601	1/4	158,363	1/4	146,125	1/4	133,887	1/4	121,648	1/4	109,410	1/4	97,172	1/4	84,934	1/4	72,696
1/2		1/2	170,346	1/2	158,108	1/2	145,870	1/2	133,632	1/2	121,394	1/2	109,155	1/2	96,917	1/2	84,679	1/2	72,441
3/4		3/4	170,091	3/4	157,853	3/4	145,615	3/4	133,377	3/4	121,139	3/4	108,901	3/4	96,662	3/4	84,424	3/4	72,186
7		7	169,836	7	157,598	7	145,360	7	133,122	7	120,884	7	108,646	7	96,408	7	84,169	7	71,931
1/4		1/4	169,581	1/4	157,343	1/4	145,105	1/4	132,867	1/4	120,629	1/4	108,391	1/4	96,153	1/4	83,915	1/4	71,676
1/2		1/2	169,326	1/2	157,088	1/2	144,850	1/2	132,612	1/2	120,374	1/2	108,136	1/2	95,898	1/2	83,660	1/2	71,422
3/4		3/4	169,071	3/4	156,833	3/4	144,595	3/4	132,357	3/4	120,119	3/4	107,881	3/4	95,643	3/4	83,405	3/4	71,167
8		8	168,816	8	156,578	8	144,340	8	132,102	8	119,864	8	107,626	8	95,388	8	83,150	8	70,912
1/4		1/4	168,561	1/4	156,323	1/4	144,085	1/4	131,847	1/4	119,609	1/4	107,371	1/4	95,133	1/4	82,895	1/4	70,657
1/2		1/2	168,306	1/2	156,068	1/2	143,830	1/2	131,592	1/2	119,354	1/2	107,116	1/2	94,878	1/2	82,640	1/2	70,402
3/4		3/4	168,051	3/4	155,813	3/4	143,575	3/4	131,337	3/4	119,099	3/4	106,861	3/4	94,623	3/4	82,385	3/4	70,147
9		9	167,796	9	155,558	9	143,320	9	131,082	9	118,844	9	106,606	9	94,368	9	82,130	9	69,892
1/4		1/4	167,541	1/4	155,303	1/4	143,065	1/4	130,827	1/4	118,589	1/4	106,351	1/4	94,113	1/4	81,875	1/4	69,637
1/2		1/2	167,286	1/2	155,048	1/2	142,810	1/2	130,572	1/2	118,334	1/2	106,096	1/2	93,858	1/2	81,620	1/2	69,382
3/4		3/4	167,031	3/4	154,793	3/4	142,555	3/4	130,317	3/4	118,079	3/4	105,841	3/4	93,603	3/4	81,365	3/4	69,127
10		10	166,776	10	154,538	10	142,300	10	130,062	10	117,824	10	105,586	10	93,348	10	81,110	10	68,872
1/4		1/4	166,521	1/4	154,283	1/4	142,045	1/4	129,807	1/4	117,569	1/4	105,331	1/4	93,093	1/4	80,855	1/4	68,617
1/2		1/2	166,266	1/2	154,028	1/2	141,790	1/2	129,552	1/2	117,314	1/2	105,076	1/2	92,838	1/2	80,600	1/2	68,362
3/4		3/4	166,011	3/4	153,773	3/4	141,535	3/4	129,297	3/4	117,059	3/4	104,821	3/4	92,583	3/4	80,345	3/4	68,107
11		11	165,756	11	153,518	11	141,280	11	129,042	11	116,804	11	104,566	11	92,328	11	80,090	11	67,852
1/4		1/4	165,501	1/4	153,263	1/4	141,025	1/4	128,787	1/4	116,549	1/4	104,311	1/4	92,073	1/4	79,835	1/4	67,597
1/2		1/2	165,246	1/2	153,008	1/2	140,770	1/2	128,532	1/2	116,294	1/2	104,056	1/2	91,818	1/2	79,580	1/2	67,342
3/4		3/4	164,991	3/4	152,753	3/4	140,515	3/4	128,277	3/4	116,039	3/4	103,801	3/4	91,563	3/4	79,325	3/4	67,087

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NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 NOTE: CAPACITY TABLE APPLIES ONLY TO ULLAGE GAUGES OBTAINED WITH MMC GAUGING DEVICE.  
 NOTE: MMC GAUGE POINT LOCATED ON CENTERLINE AND 3'-3" FORWARD OF AFT BULKHEAD.  
 NOTE: CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

DATE STRAPPED: 6/27/06 BY: DR-RL  
 DATE COMPUTED: 6/28/06 BY: DR  
 DATE ISSUED: 6/28/06

CERTIFIED TANK CALIBRATION, INC.

*Paul A. Row*

CAPACITIES GIVEN IN WHOLE GALLONS		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		20 FT.		21 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	66,832	0	54,594	0	42,356	0	30,118	0	17,903	0	5,675	0	0	0	0	0	0	0	0	0	0
1/4	66,577	1/4	54,339	1/4	42,101	1/4	29,863	1/4	17,645	1/4	5,420	1/4	5,420	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,322	1/2	54,084	1/2	41,846	1/2	29,608	1/2	17,395	1/2	5,165	1/2	5,165	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,067	3/4	53,829	3/4	41,591	3/4	29,353	3/4	17,141	3/4	4,910	3/4	4,910	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	65,812	1	53,574	1	41,336	1	29,098	1	16,886	1	4,655	1	4,655	1	1	1	1	1	1	1	1
1/4	65,557	1/4	53,319	1/4	41,081	1/4	28,843	1/4	16,632	1/4	4,400	1/4	4,400	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,303	1/2	53,064	1/2	40,826	1/2	28,588	1/2	16,378	1/2	4,145	1/2	4,145	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,048	3/4	52,810	3/4	40,572	3/4	28,333	3/4	16,123	3/4	3,890	3/4	3,890	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	64,793	1	52,555	1	40,317	1	28,079	1	15,869	1	3,635	1	3,635	1	1	1	1	1	1	1	1
1/4	64,538	1/4	52,300	1/4	40,062	1/4	27,824	1/4	15,615	1/4	3,380	1/4	3,380	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,283	1/2	52,045	1/2	39,807	1/2	27,569	1/2	15,360	1/2	3,125	1/2	3,125	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,028	3/4	51,790	3/4	39,552	3/4	27,314	3/4	15,106	3/4	2,870	3/4	2,870	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	63,773	1	51,535	1	39,297	1	27,059	1	14,852	1	2,615	1	2,615	1	1	1	1	1	1	1	1
1/4	63,518	1/4	51,280	1/4	39,042	1/4	26,804	1/4	14,597	1/4	2,360	1/4	2,360	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,263	1/2	51,025	1/2	38,787	1/2	26,549	1/2	14,343	1/2	2,105	1/2	2,105	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,008	3/4	50,770	3/4	38,532	3/4	26,294	3/4	14,088	3/4	1,850	3/4	1,850	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	62,753	1	50,515	1	38,277	1	26,040	1	13,833	1	1,595	1	1,595	1	1	1	1	1	1	1	1
1/4	62,498	1/4	50,260	1/4	38,022	1/4	25,786	1/4	13,578	1/4	1,340	1/4	1,340	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,243	1/2	50,005	1/2	37,767	1/2	25,531	1/2	13,323	1/2	1,085	1/2	1,085	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,988	3/4	49,750	3/4	37,512	3/4	25,277	3/4	13,068	3/4	830	3/4	830	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	61,733	1	49,495	1	37,257	1	25,023	1	12,813	1	575	1	575	1	1	1	1	1	1	1	1
1/4	61,478	1/4	49,240	1/4	37,002	1/4	24,769	1/4	12,558	1/4	320	1/4	320	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,223	1/2	48,985	1/2	36,747	1/2	24,514	1/2	12,303	1/2	65	1/2	65	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,968	3/4	48,730	3/4	36,492	3/4	24,260	3/4	12,048	3/4	65	3/4	65	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	60,713	1	48,475	1	36,237	1	24,006	1	11,794	1	6	1	6	1	1	1	1	1	1	1	1
1/4	60,458	1/4	48,220	1/4	35,982	1/4	23,751	1/4	11,539	1/4	11,539	1/4	11,539	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,203	1/2	47,965	1/2	35,727	1/2	23,497	1/2	11,284	1/2	11,284	1/2	11,284	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,948	3/4	47,710	3/4	35,472	3/4	23,243	3/4	11,029	3/4	11,029	3/4	11,029	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	59,693	1	47,455	1	35,217	1	22,989	1	10,774	1	7	1	7	1	1	1	1	1	1	1	1
1/4	59,438	1/4	47,200	1/4	34,962	1/4	22,734	1/4	10,519	1/4	10,519	1/4	10,519	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,184	1/2	46,945	1/2	34,707	1/2	22,480	1/2	10,264	1/2	10,264	1/2	10,264	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,929	3/4	46,691	3/4	34,452	3/4	22,226	3/4	10,009	3/4	10,009	3/4	10,009	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	58,674	1	46,436	1	34,198	1	21,972	1	9,754	1	8	1	8	1	1	1	1	1	1	1	1
1/4	58,419	1/4	46,181	1/4	33,943	1/4	21,717	1/4	9,499	1/4	9,499	1/4	9,499	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,164	1/2	45,926	1/2	33,688	1/2	21,463	1/2	9,244	1/2	9,244	1/2	9,244	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,909	3/4	45,671	3/4	33,433	3/4	21,209	3/4	8,989	3/4	8,989	3/4	8,989	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	57,654	1	45,416	1	33,178	1	20,954	1	8,734	1	9	1	9	1	1	1	1	1	1	1	1
1/4	57,399	1/4	45,161	1/4	32,923	1/4	20,700	1/4	8,479	1/4	8,479	1/4	8,479	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	57,144	1/2	44,906	1/2	32,668	1/2	20,446	1/2	8,224	1/2	8,224	1/2	8,224	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	56,889	3/4	44,651	3/4	32,413	3/4	20,192	3/4	7,969	3/4	7,969	3/4	7,969	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	56,634	1	44,396	1	32,158	1	19,937	1	7,714	1	10	1	10	1	1	1	1	1	1	1	1
1/4	56,379	1/4	44,141	1/4	31,903	1/4	19,683	1/4	7,459	1/4	7,459	1/4	7,459	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	56,124	1/2	43,886	1/2	31,648	1/2	19,429	1/2	7,204	1/2	7,204	1/2	7,204	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	55,869	3/4	43,631	3/4	31,393	3/4	19,175	3/4	6,949	3/4	6,949	3/4	6,949	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	55,614	1	43,376	1	31,138	1	18,920	1	6,694	1	11	1	11	1	1	1	1	1	1	1	1
1/4	55,359	1/4	43,121	1/4	30,883	1/4	18,666	1/4	6,439	1/4	6,439	1/4	6,439	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	55,104	1/2	42,866	1/2	30,628	1/2	18,412	1/2	6,184	1/2	6,184	1/2	6,184	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	54,849	3/4	42,611	3/4	30,373	3/4	18,158	3/4	5,930	3/4	5,930	3/4	5,930	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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

DATE STRAPPED: 6/27/86 BY: DR-RL  
DATE COMPUTED: 6/28/86 BY: DR  
DATE ISSUED: 6/28/86

CERTIFIED TANK CALIBRATION, INC.

*Bill G. Rose*

BARGE "IB 1929"

TANK NO. 3  
 ULLAGE TABLE

GAUGE HEIGHT: 17'-5 3/4"

CAPACITIES GIVEN IN WHOLE GALLONS		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	184,584	0	171,940	0	159,096	0	146,352	0	133,608	0	120,864	0	108,120	0	95,376	0	82,632	0	69,888
1/4	184,318	1/4	171,574	1/4	158,830	1/4	146,086	1/4	133,342	1/4	120,598	1/4	107,854	1/4	95,110	1/4	82,367	1/4	69,623
1/2	184,053	1/2	171,309	1/2	158,565	1/2	145,821	1/2	133,077	1/2	120,333	1/2	107,589	1/2	94,845	1/2	82,101	1/2	69,359
3/4	183,787	3/4	171,043	3/4	158,299	3/4	145,555	3/4	132,811	3/4	120,063	3/4	107,323	3/4	94,579	3/4	81,836	3/4	69,095
1	183,522	1	170,778	1	158,034	1	145,290	1	132,546	1	119,802	1	107,058	1	94,314	1	81,570	1	68,811
1/4	183,256	1/4	170,512	1/4	157,768	1/4	145,024	1/4	132,280	1/4	119,536	1/4	106,792	1/4	94,048	1/4	81,305	1/4	68,537
1/2	182,991	1/2	170,247	1/2	157,503	1/2	144,759	1/2	132,015	1/2	119,271	1/2	106,527	1/2	93,783	1/2	81,039	1/2	68,263
3/4	182,725	3/4	169,981	3/4	157,237	3/4	144,493	3/4	131,749	3/4	119,005	3/4	106,261	3/4	93,517	3/4	80,774	3/4	67,989
2	182,460	2	169,716	2	156,972	2	144,228	2	131,484	2	118,740	2	105,996	2	93,252	2	80,508	2	67,715
1/4	182,194	1/4	169,450	1/4	156,706	1/4	143,962	1/4	131,218	1/4	118,474	1/4	105,730	1/4	92,986	1/4	80,233	1/4	67,441
1/2	181,929	1/2	169,185	1/2	156,441	1/2	143,697	1/2	130,953	1/2	118,209	1/2	105,465	1/2	92,721	1/2	79,977	1/2	67,167
3/4	181,663	3/4	168,919	3/4	156,175	3/4	143,431	3/4	130,687	3/4	117,943	3/4	105,199	3/4	92,455	3/4	79,712	3/4	66,902
3	181,398	3	168,654	3	155,910	3	143,166	3	130,422	3	117,678	3	104,934	3	92,190	3	79,446	3	66,628
1/4	181,132	1/4	168,388	1/4	155,644	1/4	142,900	1/4	130,156	1/4	117,412	1/4	104,668	1/4	91,924	1/4	79,181	1/4	66,354
1/2	180,867	1/2	168,123	1/2	155,379	1/2	142,635	1/2	129,891	1/2	117,147	1/2	104,403	1/2	91,659	1/2	78,915	1/2	66,080
3/4	180,601	3/4	167,857	3/4	155,113	3/4	142,369	3/4	129,625	3/4	116,881	3/4	104,137	3/4	91,393	3/4	78,650	3/4	65,806
4	180,336	4	167,592	4	154,848	4	142,104	4	129,360	4	116,616	4	103,872	4	91,128	4	78,384	4	65,532
1/4	180,070	1/4	167,326	1/4	154,582	1/4	141,838	1/4	129,094	1/4	116,350	1/4	103,606	1/4	90,862	1/4	78,119	1/4	65,258
1/2	179,805	1/2	167,061	1/2	154,317	1/2	141,573	1/2	128,829	1/2	116,085	1/2	103,341	1/2	90,597	1/2	77,853	1/2	64,984
3/4	179,539	3/4	166,795	3/4	154,051	3/4	141,307	3/4	128,563	3/4	115,819	3/4	103,075	3/4	90,331	3/4	77,598	3/4	64,710
5	179,274	5	166,530	5	153,786	5	141,042	5	128,298	5	115,554	5	102,810	5	90,066	5	77,322	5	64,436
1/4	179,008	1/4	166,264	1/4	153,520	1/4	140,776	1/4	128,032	1/4	115,288	1/4	102,544	1/4	90,800	1/4	77,057	1/4	64,162
1/2	178,743	1/2	165,999	1/2	153,255	1/2	140,511	1/2	127,767	1/2	115,023	1/2	102,279	1/2	90,535	1/2	76,791	1/2	63,888
3/4	178,477	3/4	165,733	3/4	152,989	3/4	140,245	3/4	127,501	3/4	114,757	3/4	102,013	3/4	90,269	3/4	76,526	3/4	63,614
6	178,212	6	165,468	6	152,724	6	140,000	6	127,236	6	114,492	6	101,748	6	90,004	6	76,260	6	63,340
1/4	177,946	1/4	165,202	1/4	152,458	1/4	139,714	1/4	126,970	1/4	114,226	1/4	101,482	1/4	89,738	1/4	76,000	1/4	63,066
1/2	177,681	1/2	164,937	1/2	152,193	1/2	139,449	1/2	126,705	1/2	113,961	1/2	101,217	1/2	89,473	1/2	75,742	1/2	62,792
3/4	177,415	3/4	164,671	3/4	151,927	3/4	139,183	3/4	126,439	3/4	113,695	3/4	100,951	3/4	89,207	3/4	75,478	3/4	62,518
7	177,150	7	164,406	7	151,662	7	138,918	7	126,174	7	113,430	7	100,686	7	88,942	7	75,214	7	62,244
1/4	176,884	1/4	164,140	1/4	151,396	1/4	138,652	1/4	125,908	1/4	113,164	1/4	100,420	1/4	88,676	1/4	74,950	1/4	61,970
1/2	176,619	1/2	163,875	1/2	151,131	1/2	138,387	1/2	125,643	1/2	112,899	1/2	100,155	1/2	88,411	1/2	74,686	1/2	61,696
3/4	176,353	3/4	163,609	3/4	150,865	3/4	138,121	3/4	125,377	3/4	112,633	3/4	99,889	3/4	88,145	3/4	74,422	3/4	61,422
8	176,088	8	163,344	8	150,600	8	137,856	8	125,112	8	112,368	8	99,624	8	87,880	8	74,158	8	61,148
1/4	175,822	1/4	163,078	1/4	150,334	1/4	137,590	1/4	124,846	1/4	112,102	1/4	99,358	1/4	87,614	1/4	73,894	1/4	60,874
1/2	175,557	1/2	162,813	1/2	150,069	1/2	137,325	1/2	124,581	1/2	111,837	1/2	99,093	1/2	87,349	1/2	73,630	1/2	60,600
3/4	175,291	3/4	162,547	3/4	149,803	3/4	137,059	3/4	124,315	3/4	111,571	3/4	98,827	3/4	87,083	3/4	73,366	3/4	60,326
9	175,026	9	162,282	9	149,538	9	136,794	9	124,050	9	111,306	9	98,562	9	86,818	9	73,102	9	60,052
1/4	174,760	1/4	162,016	1/4	149,272	1/4	136,528	1/4	123,784	1/4	111,040	1/4	98,296	1/4	86,553	1/4	72,838	1/4	59,778
1/2	174,495	1/2	161,751	1/2	149,007	1/2	136,263	1/2	123,519	1/2	110,775	1/2	98,031	1/2	86,287	1/2	72,574	1/2	59,504
3/4	174,229	3/4	161,485	3/4	148,741	3/4	135,997	3/4	123,253	3/4	110,509	3/4	97,765	3/4	86,022	3/4	72,310	3/4	59,230
10	173,964	10	161,220	10	148,476	10	135,732	10	122,988	10	110,244	10	97,500	10	85,756	10	72,046	10	58,956
1/4	173,698	1/4	160,954	1/4	148,210	1/4	135,466	1/4	122,722	1/4	109,978	1/4	97,234	1/4	85,491	1/4	71,782	1/4	58,682
1/2	173,433	1/2	160,689	1/2	147,945	1/2	135,201	1/2	122,457	1/2	109,713	1/2	96,969	1/2	85,225	1/2	71,518	1/2	58,408
3/4	173,167	3/4	160,423	3/4	147,679	3/4	134,935	3/4	122,191	3/4	109,447	3/4	96,703	3/4	84,963	3/4	71,254	3/4	58,134
11	172,902	11	160,158	11	147,414	11	134,670	11	121,926	11	109,182	11	96,438	11	84,700	11	70,990	11	57,860
1/4	172,636	1/4	159,892	1/4	147,148	1/4	134,404	1/4	121,660	1/4	108,916	1/4	96,172	1/4	84,434	1/4	70,726	1/4	57,586
1/2	172,371	1/2	159,627	1/2	146,883	1/2	134,139	1/2	121,395	1/2	108,651	1/2	95,907	1/2	84,168	1/2	70,462	1/2	57,312
3/4	172,105	3/4	159,361	3/4	146,617	3/4	133,873	3/4	121,129	3/4	108,385	3/4	95,641	3/4	83,902	3/4	70,198	3/4	57,038

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CERTIFIED TANK CALIBRATION, INC.

*Paul S. Rose*

DATE STRAPPED: 6/28/06 BY: DR-RL  
 DATE COMPUTED: 6/28/06 BY: DR  
 DATE ISSUED: 6/28/06

NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 NOTE: CAPACITY TABLE APPLIES ONLY TO ULLAGE GAUGES OBTAINED WITH MMC GAUGING DEVICE.  
 NOTE: MMC GAUGE POINT LOCATED ON CENTERLINE AND 28'-6" FORWARD OF AFT BULKHEAD.  
 NOTE: CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

GAUGE HEIGHT 17'-5 3/4"

CAPACITIES GIVEN IN WHOLE GALLONS		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		20 FT.		21 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	69,888	0	57,144	0	44,400	0	31,656	0	18,912	0	6,172	0	0	0	0	0	0	0	0	0	0
1/4	69,623	1/4	56,879	1/4	44,135	1/4	31,391	1/4	18,650	1/4	5,906	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,357	1/2	56,613	1/2	43,869	1/2	31,125	1/2	18,384	1/2	5,641	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,092	3/4	56,348	3/4	43,604	3/4	30,860	3/4	18,119	3/4	5,375	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	68,826	1	56,082	1	43,338	1	30,594	1	17,853	1	5,110	1	0	1	1	1	1	1	1	1	1
1/4	68,561	1/4	55,817	1/4	43,073	1/4	30,329	1/4	17,588	1/4	4,844	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,295	1/2	55,551	1/2	42,807	1/2	30,063	1/2	17,322	1/2	4,579	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,030	3/4	55,286	3/4	42,542	3/4	29,798	3/4	17,057	3/4	4,313	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	67,764	2	55,020	2	42,276	2	29,532	2	16,792	2	4,048	2	0	2	2	2	2	2	2	2	2
1/4	67,499	1/4	54,755	1/4	42,011	1/4	29,267	1/4	16,526	1/4	3,782	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,233	1/2	54,489	1/2	41,745	1/2	29,001	1/2	16,261	1/2	3,517	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,968	3/4	54,224	3/4	41,480	3/4	28,736	3/4	15,995	3/4	3,251	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	66,702	3	53,958	3	41,214	3	28,470	3	15,730	3	2,986	3	0	3	3	3	3	3	3	3	3
1/4	66,437	1/4	53,693	1/4	40,949	1/4	28,205	1/4	15,464	1/4	2,720	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,171	1/2	53,427	1/2	40,683	1/2	27,939	1/2	15,199	1/2	2,455	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,906	3/4	53,162	3/4	40,418	3/4	27,674	3/4	14,933	3/4	2,189	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	65,640	4	52,896	4	40,152	4	27,408	4	14,668	4	1,924	4	0	4	4	4	4	4	4	4	4
1/4	65,375	1/4	52,631	1/4	39,887	1/4	27,143	1/4	14,402	1/4	1,658	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,109	1/2	52,365	1/2	39,621	1/2	26,877	1/2	14,137	1/2	1,393	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,844	3/4	52,100	3/4	39,356	3/4	26,612	3/4	13,871	3/4	1,127	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	64,578	5	51,834	5	39,090	5	26,346	5	13,606	5	862	5	0	5	5	5	5	5	5	5	5
1/4	64,313	1/4	51,569	1/4	38,825	1/4	26,081	1/4	13,340	1/4	596	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,047	1/2	51,303	1/2	38,559	1/2	25,816	1/2	13,075	1/2	331	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,782	3/4	51,038	3/4	38,294	3/4	25,550	3/4	12,809	3/4	65	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	63,516	6	50,772	6	38,028	6	25,285	6	12,544	6	0	6	0	6	6	6	6	6	6	6	6
1/4	63,251	1/4	50,507	1/4	37,763	1/4	25,019	1/4	12,278	1/4	0	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,985	1/2	50,241	1/2	37,497	1/2	24,754	1/2	12,013	1/2	0	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,720	3/4	49,976	3/4	37,232	3/4	24,488	3/4	11,747	3/4	0	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	62,454	7	49,710	7	36,966	7	24,223	7	11,482	7	0	7	0	7	7	7	7	7	7	7	7
1/4	62,189	1/4	49,445	1/4	36,701	1/4	23,958	1/4	11,216	1/4	0	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,923	1/2	49,179	1/2	36,435	1/2	23,692	1/2	10,951	1/2	0	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,658	3/4	48,914	3/4	36,170	3/4	23,427	3/4	10,685	3/4	0	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	61,392	8	48,648	8	35,904	8	23,161	8	10,420	8	0	8	0	8	8	8	8	8	8	8	8
1/4	61,127	1/4	48,383	1/4	35,639	1/4	22,896	1/4	10,154	1/4	0	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,861	1/2	48,117	1/2	35,373	1/2	22,631	1/2	9,889	1/2	0	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,596	3/4	47,852	3/4	35,108	3/4	22,365	3/4	9,623	3/4	0	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	60,330	9	47,586	9	34,842	9	22,100	9	9,358	9	0	9	0	9	9	9	9	9	9	9	9
1/4	60,065	1/4	47,321	1/4	34,577	1/4	21,834	1/4	9,092	1/4	0	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,799	1/2	47,055	1/2	34,311	1/2	21,569	1/2	8,827	1/2	0	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,534	3/4	46,790	3/4	34,046	3/4	21,304	3/4	8,561	3/4	0	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	59,268	10	46,524	10	33,780	10	21,038	10	8,296	10	0	10	0	10	10	10	10	10	10	10	10
1/4	59,003	1/4	46,259	1/4	33,515	1/4	20,773	1/4	8,030	1/4	0	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,737	1/2	45,993	1/2	33,249	1/2	20,507	1/2	7,765	1/2	0	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,472	3/4	45,728	3/4	32,984	3/4	20,242	3/4	7,499	3/4	0	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	58,206	11	45,462	11	32,718	11	19,977	11	7,234	11	0	11	0	11	11	11	11	11	11	11	11
1/4	57,941	1/4	45,197	1/4	32,453	1/4	19,711	1/4	6,968	1/4	0	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	57,675	1/2	44,931	1/2	32,187	1/2	19,446	1/2	6,703	1/2	0	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,410	3/4	44,666	3/4	31,922	3/4	19,180	3/4	6,437	3/4	0	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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

DATE STAMPED: 6/27/06 BY: DR-RL  
 DATE COMPUTED: 6/28/06 BY: DR  
 DATE ISSUED: 6/28/06

CERTIFIED TANK CALIBRATION, INC.

*Paul A. Rose*

BARREL "B 1929"

TANK NO. 1  
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS		GAUGE HEIGHT 17.5-5.68"																
IN	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	10 FT.	11 FT.								
0	0	178,425	0	167,105	0	155,794	0	144,464	0	133,104	0	120,445	0	107,729	0	95,013	0	82,297
1/4	1/4	178,189	1/4	166,869	1/4	155,548	1/4	144,228	1/4	132,854	1/4	120,180	1/4	107,464	1/4	94,748	1/4	82,032
1/2	1/2	177,953	1/2	166,633	1/2	155,313	1/2	143,992	1/2	132,604	1/2	119,915	1/2	107,199	1/2	94,483	1/2	81,767
3/4	3/4	177,717	3/4	166,397	3/4	155,077	3/4	143,756	3/4	132,349	3/4	119,650	3/4	106,934	3/4	94,218	3/4	81,502
1 1/8	1	177,482	1	166,161	1	154,841	1	143,521	1	132,089	1	119,385	1	106,669	1	93,953	1	81,237
1 1/4	1 1/4	177,246	1 1/4	165,925	1 1/4	154,605	1 1/4	143,285	1 1/4	131,829	1 1/4	119,120	1 1/4	106,404	1 1/4	93,688	1 1/4	80,972
1 1/2	1 1/2	177,010	1 1/2	165,690	1 1/2	154,369	1 1/2	143,049	1 1/2	131,569	1 1/2	118,855	1 1/2	106,139	1 1/2	93,423	1 1/2	80,707
3/4	3/4	187,171	3/4	176,774	3/4	165,454	3/4	142,813	3/4	142,577	3/4	131,306	3/4	118,590	3/4	105,874	3/4	93,158
2	2	187,131	2	176,538	2	165,218	2	142,577	2	142,577	2	131,041	2	118,325	2	105,609	2	92,893
1 1/4	1 1/4	187,053	1 1/4	176,302	1 1/4	164,982	1 1/4	142,341	1 1/4	142,341	1 1/4	118,061	1 1/4	105,345	1 1/4	92,629	1 1/4	79,912
1 1/2	1 1/2	186,935	1 1/2	176,067	1 1/2	164,746	1 1/2	142,106	1 1/2	142,106	1 1/2	117,796	1 1/2	105,080	1 1/2	92,364	1 1/2	79,648
3/4	3/4	186,817	3/4	175,831	3/4	164,510	3/4	141,870	3/4	141,870	3/4	117,531	3/4	104,815	3/4	92,099	3/4	79,383
3	3	186,699	3	175,595	3	164,275	3	141,634	3	141,634	3	117,266	3	104,550	3	91,834	3	79,118
1 1/4	1 1/4	186,542	1 1/4	175,359	1 1/4	164,039	1 1/4	141,398	1 1/4	141,398	1 1/4	117,001	1 1/4	104,285	1 1/4	91,569	1 1/4	78,853
1 1/2	1 1/2	186,345	1 1/2	175,123	1 1/2	163,803	1 1/2	141,162	1 1/2	141,162	1 1/2	116,736	1 1/2	104,020	1 1/2	91,304	1 1/2	78,588
3/4	3/4	186,149	3/4	174,887	3/4	163,567	3/4	140,926	3/4	140,926	3/4	116,471	3/4	103,755	3/4	91,039	3/4	78,323
4	4	185,952	4	174,652	4	163,331	4	140,691	4	140,691	4	116,206	4	103,490	4	90,774	4	78,058
1 1/4	1 1/4	185,736	1 1/4	174,416	1 1/4	163,095	1 1/4	140,455	1 1/4	140,455	1 1/4	115,941	1 1/4	103,225	1 1/4	90,509	1 1/4	77,793
1 1/2	1 1/2	185,500	1 1/2	174,180	1 1/2	162,860	1 1/2	140,219	1 1/2	140,219	1 1/2	115,676	1 1/2	102,960	1 1/2	90,244	1 1/2	77,528
3/4	3/4	185,264	3/4	173,944	3/4	162,624	3/4	139,983	3/4	139,983	3/4	115,411	3/4	102,695	3/4	89,979	3/4	77,263
5	5	185,028	5	173,708	5	162,388	5	139,747	5	139,747	5	115,146	5	102,430	5	89,714	5	76,999
1 1/4	1 1/4	184,793	1 1/4	173,472	1 1/4	162,152	1 1/4	139,511	1 1/4	139,511	1 1/4	114,882	1 1/4	102,166	1 1/4	89,449	1 1/4	76,734
1 1/2	1 1/2	184,557	1 1/2	173,236	1 1/2	161,916	1 1/2	139,276	1 1/2	139,276	1 1/2	114,617	1 1/2	101,901	1 1/2	89,185	1 1/2	76,469
3/4	3/4	184,321	3/4	173,001	3/4	161,680	3/4	139,040	3/4	139,040	3/4	114,352	3/4	101,636	3/4	88,920	3/4	76,204
6	6	184,085	6	172,765	6	161,444	6	138,804	6	138,804	6	114,087	6	101,371	6	88,655	6	75,939
1 1/4	1 1/4	183,849	1 1/4	172,529	1 1/4	161,209	1 1/4	138,568	1 1/4	138,568	1 1/4	113,822	1 1/4	101,106	1 1/4	88,390	1 1/4	75,674
1 1/2	1 1/2	183,613	1 1/2	172,293	1 1/2	160,973	1 1/2	138,332	1 1/2	138,332	1 1/2	113,557	1 1/2	100,841	1 1/2	88,125	1 1/2	75,409
3/4	3/4	183,378	3/4	172,057	3/4	160,737	3/4	138,096	3/4	138,096	3/4	113,292	3/4	100,576	3/4	87,860	3/4	75,144
7	7	183,142	7	171,821	7	160,501	7	137,860	7	137,860	7	113,027	7	100,311	7	87,595	7	74,879
1 1/4	1 1/4	182,906	1 1/4	171,586	1 1/4	160,265	1 1/4	137,625	1 1/4	137,625	1 1/4	112,762	1 1/4	100,046	1 1/4	87,330	1 1/4	74,614
1 1/2	1 1/2	182,670	1 1/2	171,350	1 1/2	160,029	1 1/2	137,389	1 1/2	137,389	1 1/2	112,497	1 1/2	99,781	1 1/2	87,065	1 1/2	74,350
3/4	3/4	182,434	3/4	171,114	3/4	159,794	3/4	137,153	3/4	137,153	3/4	112,232	3/4	99,516	3/4	86,800	3/4	74,085
8	8	182,198	8	170,878	8	159,558	8	136,917	8	136,917	8	111,967	8	99,251	8	86,535	8	73,820
1 1/4	1 1/4	181,963	1 1/4	170,642	1 1/4	159,322	1 1/4	136,681	1 1/4	136,681	1 1/4	111,703	1 1/4	98,987	1 1/4	86,270	1 1/4	73,555
1 1/2	1 1/2	181,727	1 1/2	170,406	1 1/2	159,086	1 1/2	136,445	1 1/2	136,445	1 1/2	111,438	1 1/2	98,722	1 1/2	86,006	1 1/2	73,290
3/4	3/4	181,491	3/4	170,171	3/4	158,850	3/4	136,210	3/4	136,210	3/4	111,173	3/4	98,457	3/4	85,741	3/4	73,025
9	9	181,255	9	169,935	9	158,614	9	135,974	9	135,974	9	110,908	9	98,192	9	85,476	9	72,760
1 1/4	1 1/4	181,019	1 1/4	169,699	1 1/4	158,379	1 1/4	135,738	1 1/4	135,738	1 1/4	110,643	1 1/4	97,927	1 1/4	85,211	1 1/4	72,495
1 1/2	1 1/2	180,783	1 1/2	169,463	1 1/2	158,143	1 1/2	135,502	1 1/2	135,502	1 1/2	110,378	1 1/2	97,662	1 1/2	84,946	1 1/2	72,230
3/4	3/4	180,548	3/4	169,227	3/4	157,907	3/4	135,266	3/4	135,266	3/4	110,113	3/4	97,397	3/4	84,681	3/4	71,965
10	10	180,312	10	168,991	10	157,671	10	135,030	10	135,030	10	109,848	10	97,132	10	84,416	10	71,701
1 1/4	1 1/4	180,076	1 1/4	168,756	1 1/4	157,435	1 1/4	134,795	1 1/4	134,795	1 1/4	109,583	1 1/4	96,867	1 1/4	84,151	1 1/4	71,436
1 1/2	1 1/2	179,840	1 1/2	168,520	1 1/2	157,199	1 1/2	134,559	1 1/2	134,559	1 1/2	109,318	1 1/2	96,602	1 1/2	83,886	1 1/2	71,171
3/4	3/4	179,604	3/4	168,284	3/4	156,964	3/4	134,321	3/4	134,321	3/4	109,053	3/4	96,337	3/4	83,621	3/4	70,906
11	11	179,368	11	168,048	11	156,728	11	134,080	11	134,080	11	108,788	11	96,072	11	83,356	11	70,641
1 1/4	1 1/4	179,132	1 1/4	167,812	1 1/4	156,492	1 1/4	133,840	1 1/4	133,840	1 1/4	108,524	1 1/4	95,808	1 1/4	83,091	1 1/4	70,376
1 1/2	1 1/2	178,897	1 1/2	167,576	1 1/2	156,256	1 1/2	133,600	1 1/2	133,600	1 1/2	108,259	1 1/2	95,543	1 1/2	82,827	1 1/2	70,111
3/4	3/4	178,661	3/4	167,340	3/4	156,020	3/4	133,354	3/4	133,354	3/4	107,994	3/4	95,278	3/4	82,562	3/4	69,846

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NOTE: BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
NOTE: CAPACITY TABLE APPLIES ONLY TO ULLAGE GAUGES OBTAINED WITH MMC GAUGING DEVICE.  
NOTE: MMC GAUGE POINT LOCATED ON CENTERLINE AND 30'-6" FORWARD OF AFT BULKHEAD.  
NOTE: CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

DATE STRAPPED: 6/27/96 BY: DR-RL  
DATE COMPUTED: 6/28/96 BY: DR  
DATE ISSUED: 6/28/96

CERTIFIED TANK CALIBRATION, INC.

*Paul S. Rose*