

CHAS. MARTIN
of Portland, Me.
MEASUREMENT LICENSE INSPECTION
MEMBER OF A.S.M. AND A.P.I.

BARGE IB983

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

LOADING HULL NO. 7703

TANK NUMBER: 2

0 FEET	1 FEET	2 FEET	3 FEET	4 FEET	5 FEET	6 FEET	7 FEET	8 FEET	9 FEET	10 FEET	11 FEET	12 FEET	13 FEET	14 FEET
IN. 0	IN. 0	IN. 0	IN. 0	IN. 0	IN. 0	IN. 0	IN. 0	IN. 0	IN. 0	IN. 0	IN. 0	IN. 0	IN. 0	IN. 0
* 120	11,214	22,108	32,976	43,864	54,760	65,655	76,550	87,445	98,341	109,235	120,131	131,026	141,921	146,691
547	11,441	22,335	33,205	44,091	54,987	65,882	76,777	87,672	98,567	109,463	120,358	131,253	142,148	146,918
773	11,668	22,562	33,431	44,318	55,214	66,109	77,004	87,899	98,794	109,690	120,585	131,480	142,375	147,145
1,000	11,895	22,789	33,657	44,545	55,441	66,336	77,231	88,126	99,021	109,917	120,812	131,707	142,602	147,372
1,227	12,122	23,016	33,883	44,772	55,668	66,563	77,458	88,353	99,248	110,144	121,039	131,934	142,829	147,599
1,454	12,349	23,243	34,109	44,999	55,895	66,790	77,685	88,580	99,475	110,371	121,266	132,161	143,056	147,826
1,681	12,576	23,470	34,335	45,226	56,121	67,017	77,912	88,807	99,702	110,597	121,493	132,388	143,283	148,053
1,908	12,803	23,697	34,561	45,453	56,348	67,244	78,139	89,034	99,929	110,825	121,720	132,615	143,510	148,280
2,135	13,030	23,924	34,788	45,680	56,575	67,471	78,366	89,261	100,156	111,052	121,947	132,842	143,737	148,507
2,362	13,257	24,151	35,014	45,907	56,802	67,698	78,593	89,488	100,383	111,279	122,174	133,069	143,964	148,734
2,589	13,484	24,378	35,240	46,134	57,029	67,925	78,820	89,715	100,610	111,506	122,401	133,296	144,191	148,961
2,816	13,711	24,605	35,466	46,361	57,256	68,152	79,047	89,942	100,837	111,733	122,628	133,523	144,418	149,188
3,043	13,938	24,832	35,693	46,588	57,483	68,379	79,274	90,169	101,064	111,960	122,855	133,750	144,645	149,415
3,270	14,165	25,059	35,920	46,815	57,710	68,606	79,501	90,396	101,291	112,187	123,082	133,977	144,872	149,642
3,497	14,391	25,286	36,147	47,042	57,937	68,833	79,728	90,623	101,518	112,414	123,309	134,204	145,099	149,869
3,724	14,618	25,513	36,374	47,269	58,164	69,060	79,955	90,850	101,745	112,641	123,536	134,431	145,326	150,096
3,951	14,845	25,740	36,601	47,496	58,391	69,287	80,182	91,077	101,972	112,868	123,763	134,658	145,553	150,323
4,178	15,072	25,967	36,828	47,723	58,618	69,514	80,409	91,304	102,199	113,095	123,990	134,885	145,780	150,550
4,405	15,299	26,194	37,055	47,950	58,845	69,741	80,636	91,531	102,426	113,322	124,217	135,112	146,007	150,777
4,632	15,526	26,421	37,282	48,177	59,072	69,968	80,863	91,758	102,653	113,549	124,444	135,339	146,234	151,004
4,859	15,753	26,647	37,509	48,404	59,299	70,194	81,090	91,985	102,880	113,776	124,671	135,566	146,461	151,231
5,086	15,980	26,873	37,736	48,631	59,526	70,421	81,317	92,212	103,107	114,002	124,898	135,793	146,688	151,458
5,313	16,207	27,099	37,963	48,858	59,753	70,648	81,544	92,439	103,334	114,229	125,125	136,020	146,915	151,685
5,540	16,434	27,325	38,190	49,085	59,980	70,875	81,771	92,666	103,561	114,456	125,352	136,247	147,142	151,912
5,767	16,661	27,551	38,417	49,312	60,207	71,102	81,998	92,893	103,788	114,683	125,579	136,474	147,369	152,139
5,994	16,888	27,778	38,644	49,539	60,434	71,329	82,225	93,120	104,015	114,910	125,806	136,701	147,596	152,366
6,221	17,115	28,004	38,871	49,766	60,661	71,556	82,452	93,347	104,242	115,137	126,033	136,928	147,823	152,593
6,448	17,342	28,230	39,098	49,993	60,888	71,783	82,679	93,574	104,469	115,364	126,260	137,155	148,050	152,820
6,675	17,569	28,456	39,325	50,220	61,115	72,010	82,906	93,801	104,696	115,591	126,487	137,382	148,277	153,047
6,902	17,796	28,682	39,552	50,447	61,342	72,237	83,133	94,028	104,923	115,818	126,714	137,609	148,504	153,274
7,129	18,023	28,908	39,779	50,674	61,569	72,464	83,360	94,255	105,150	116,045	126,941	137,836	148,731	153,501
7,356	18,250	29,134	40,006	50,901	61,796	72,691	83,587	94,482	105,377	116,272	127,168	138,063	148,958	153,728
7,583	18,477	29,360	40,233	51,128	62,023	72,918	83,814	94,709	105,604	116,499	127,395	138,290	149,185	153,955
7,810	18,704	29,587	40,460	51,355	62,250	73,145	84,041	94,936	105,831	116,726	127,622	138,517	149,412	154,182
8,037	18,931	29,813	40,687	51,582	62,477	73,372	84,268	95,163	106,058	116,953	127,849	138,744	149,639	154,409
8,264	19,158	30,039	40,914	51,809	62,704	73,599	84,494	95,390	106,285	117,180	128,076	138,971	149,866	154,636
8,491	19,385	30,265	41,141	52,036	62,931	73,826	84,721	95,617	106,512	117,407	128,303	139,198	150,093	154,863
8,718	19,612	30,491	41,368	52,263	63,158	74,053	84,948	95,844	106,739	117,634	128,530	139,425	150,320	155,090
8,945	19,839	30,717	41,595	52,490	63,385	74,280	85,175	96,071	106,966	117,861	128,757	139,652	150,547	155,317
9,172	20,066	30,943	41,822	52,717	63,612	74,507	85,402	96,298	107,193	118,088	128,984	139,879	150,774	155,544
9,399	20,293	31,169	42,049	52,944	63,839	74,734	85,629	96,525	107,420	118,315	129,211	140,106	151,001	155,771
9,626	20,520	31,395	42,276	53,171	64,066	74,961	85,856	96,752	107,647	118,542	129,438	140,333	151,228	156,000
9,853	20,747	31,622	42,502	53,398	64,293	75,188	86,083	96,979	107,874	118,769	129,665	140,560	151,455	156,227
10,080	20,974	31,848	42,729	53,625	64,520	75,415	86,310	97,206	108,101	118,996	129,892	140,787	151,682	156,454
10,307	21,201	32,074	42,955	53,852	64,747	75,642	86,537	97,433	108,328	119,223	130,119	141,014	151,909	156,681
10,534	21,427	32,300	43,181	54,079	64,974	75,869	86,764	97,660	108,555	119,450	130,346	141,241	152,136	156,908
10,761	21,654	32,526	43,407	54,306	65,201	76,095	86,991	97,887	108,782	119,677	130,572	141,468	152,363	157,135
10,988	21,881	32,752	43,633	54,533	65,428	76,323	87,218	98,114	109,009	119,904	130,799	141,695	152,590	157,362

CAPACITY IN: U. S. GALLONS

CALIBRATED: 1/11/11

* CAPACITY BELOW STRIKE PLATE.

GAUGE HEIGHT: 15'-5 1/2" (RIM OF STANDARD HEAR CENTER OF TANK)

W. H. Weston

CHAR MARTIN
 of Ardmore, Pa.
 INSPECTION
 MEMBERS OF A.S.M. AND A.P.I.

BARGE IB983

BARGE SHOULD BE UN-EVEN-LEVEL KELL WHEN GAUGES ARE TAKEN

TANK NUMBER: 7701

IN.	0 FEET	1 FEET	2 FEET	3 FEET	4 FEET	5 FEET	6 FEET	7 FEET	8 FEET	9 FEET	10 FEET	11 FEET	12 FEET	13 FEET	14 FEET
0	* 318	11,116	21,911	32,684	43,473	54,270	65,057	75,854	85,652	97,459	109,267	117,654	127,079	135,503	143,224
1/4	543	11,341	22,136	32,909	43,698	54,495	65,292	76,089	86,887	97,684	109,412	117,851	127,275	135,700	143,252
1/2	762	11,565	22,361	33,133	43,923	54,720	65,517	76,314	87,111	97,909	109,622	118,047	127,472	135,896	143,261
3/4	993	11,790	22,586	33,357	44,148	54,945	65,742	76,539	87,336	98,134	109,811	118,236	127,660	137,084	143,269
1	1,218	12,015	22,811	33,581	44,373	55,170	65,967	76,764	87,561	98,359	109,015	118,440	127,864	137,288	143,277
1 1/4	1,443	12,240	23,036	33,805	44,597	55,395	66,192	76,989	87,786	98,584	109,211	118,636	128,060	137,484	
1 1/2	1,668	12,465	23,261	34,029	44,822	55,619	66,417	77,214	88,011	98,809	109,406	118,831	128,255	137,682	
1 3/4	1,893	12,690	23,486	34,253	45,047	55,845	66,642	77,439	88,236	99,033	109,629	119,054	128,479	137,907	
2	2,118	12,915	23,711	34,477	45,272	56,069	66,867	77,664	88,461	99,258	109,806	119,231	128,703	138,074	
2 1/4	2,343	13,140	23,936	34,702	45,497	56,294	67,092	77,889	88,686	99,483	109,997	119,421	128,928	138,271	
2 1/2	2,568	13,365	24,161	34,926	45,722	56,519	67,317	78,114	88,911	99,709	110,193	119,619	129,042	138,467	
2 3/4	2,793	13,590	24,386	35,150	45,947	56,744	67,542	78,339	89,136	99,933	110,385	119,844	129,267	138,663	
3	3,018	13,815	24,610	35,375	46,172	56,969	67,766	78,564	89,361	100,158	110,566	119,997	129,492	138,859	
3 1/4	3,243	14,040	24,835	35,600	46,397	57,194	67,991	78,789	89,586	100,383	110,782	120,207	129,717	139,055	
3 1/2	3,468	14,264	25,060	35,825	46,622	57,419	68,216	79,014	89,811	100,609	110,978	120,403	129,942	139,251	
3 3/4	3,693	14,489	25,285	36,050	46,847	57,644	68,441	79,239	89,936	100,833	111,175	120,599	130,024	139,447	
4	3,918	14,714	25,510	36,275	47,072	57,869	68,665	79,463	90,261	101,058	111,371	120,795	130,220	139,643	
4 1/4	4,143	14,939	25,735	36,500	47,297	58,094	68,891	79,688	90,486	101,283	111,566	120,991	130,417	139,839	
4 1/2	4,368	15,164	25,960	36,724	47,522	58,319	69,116	79,913	90,711	101,508	111,764	121,188	130,613	140,026	
4 3/4	4,593	15,389	26,185	36,949	47,747	58,544	69,341	80,138	90,935	101,733	111,960	121,385	130,809	140,212	
5	4,818	15,614	26,409	37,174	47,972	58,769	69,566	80,363	91,160	101,957	112,157	121,581	131,006	140,397	
5 1/4	5,043	15,839	26,633	37,399	48,197	58,994	69,791	80,588	91,385	102,182	112,353	121,778	131,202	140,582	
5 1/2	5,268	16,064	26,857	37,624	48,421	59,219	70,016	80,813	91,610	102,406	112,549	121,974	131,398	140,745	
5 3/4	5,493	16,289	27,081	37,849	48,646	59,444	70,241	81,038	91,835	102,631	112,746	122,170	131,595	140,907	
6	5,718	16,514	27,305	38,074	48,871	59,669	70,466	81,263	92,060	102,856	112,942	122,367	131,791	141,070	
6 1/4	5,943	16,738	27,530	38,299	49,096	59,894	70,691	81,488	92,285	103,080	113,138	122,563	131,988	141,233	
6 1/2	6,168	16,963	27,754	38,524	49,321	60,118	70,916	81,713	92,510	103,305	113,335	122,759	132,184	141,377	
6 3/4	6,393	17,188	27,978	38,749	49,546	60,343	71,141	81,938	92,735	103,529	113,531	122,955	132,380	141,513	
7	6,617	17,413	28,202	38,974	49,771	60,568	71,366	82,163	92,960	103,754	113,727	123,152	132,577	141,653	
7 1/4	6,842	17,638	28,426	39,199	49,996	60,793	71,591	82,388	93,185	103,978	113,924	123,348	132,773	141,794	
7 1/2	7,067	17,863	28,650	39,424	50,221	61,018	71,815	82,613	93,410	104,203	114,120	123,545	132,969	141,911	
7 3/4	7,292	18,088	28,874	39,649	50,446	61,243	72,040	82,838	93,635	104,427	114,316	123,741	133,166	142,029	
8	7,517	18,313	29,098	39,874	50,671	61,468	72,265	83,063	93,860	104,652	114,513	123,937	133,362	142,147	
8 1/4	7,742	18,538	29,323	40,099	50,896	61,693	72,490	83,287	94,085	104,877	114,709	124,134	133,559	142,265	
8 1/2	7,967	18,763	29,547	40,324	51,121	61,918	72,715	83,512	94,310	105,101	114,905	124,330	133,755	142,383	
8 3/4	8,192	18,988	29,771	40,548	51,346	62,143	72,940	83,737	94,535	105,326	115,102	124,526	133,951	142,501	
9	8,417	19,212	29,995	40,773	51,571	62,368	73,165	83,962	94,760	105,550	115,298	124,723	134,147	142,619	
9 1/4	8,642	19,437	30,219	40,998	51,796	62,593	73,390	84,187	94,984	105,775	115,494	124,919	134,344	142,737	
9 1/2	8,867	19,662	30,443	41,223	52,021	62,818	73,615	84,412	95,209	105,999	115,691	125,115	134,540	142,855	
9 3/4	9,091	19,887	30,667	41,448	52,245	63,043	73,840	84,637	95,434	106,224	115,887	125,312	134,735	142,972	
10	9,316	20,112	30,891	41,673	52,470	63,268	74,065	84,862	95,659	106,448	116,083	125,508	134,931	143,090	
10 1/4	9,541	20,337	31,116	41,898	52,695	63,493	74,290	85,087	95,884	106,673	116,280	125,704	135,126	143,208	
10 1/2	9,765	20,562	31,340	42,123	52,920	63,718	74,515	85,312	96,109	106,898	116,476	125,901	135,322	143,326	
10 3/4	9,991	20,787	31,564	42,348	53,145	63,942	74,740	85,537	96,334	107,122	116,673	126,097	135,522	143,444	
11	10,216	21,012	31,788	42,573	53,370	64,167	74,965	85,762	96,559	107,347	116,869	126,293	135,718	143,562	
11 1/4	10,441	21,237	32,012	42,798	53,595	64,392	75,190	85,987	96,784	107,571	117,065	126,490	135,914	143,680	
11 1/2	10,665	21,462	32,236	43,023	53,820	64,617	75,415	86,212	97,009	107,796	117,262	126,686	136,111	143,798	
11 3/4	10,891	21,687	32,460	43,248	54,045	64,842	75,639	86,437	97,234	108,021	117,458	126,883	136,307	143,916	

CAPACITY IN U. S. GALLONS
 GAUGE HEIGHT: .15" - 5 1/4" (RIM OF STANDPIPE NEAR CENTER OF TANK)
 CALIBRATED 9/11/79
H. H. Hutton