

BARGE "IB-1011"

INGRAM OHIO BARGE LINES

SHEET NO. 2 OF 2
 TANK NUMBER:
1

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

HULL NO. 1580

IN.	8 FEET	9 FEET	10 FEET	11 FEET	12 FEET	13 FEET	14 FEET	FEET	FEET
0	89,472	100,540	111,609	121,163	130,717	140,271	146,430	0	0
1/4	89,703	100,771	111,808	121,362	130,916	140,470	146,441	1/4	1/4
1/2	89,933	101,001	112,007	121,961	131,115	140,669	146,868	1/2	1/2
3/4	90,164	101,232	112,268	121,760	131,214	140,868	147,067	3/4	3/4
1	90,395	101,463	112,403	121,959	131,513	141,067	147,266	1	1
1 1/4	90,625	101,693	112,604	122,158	131,712	141,266	147,465	1 1/4	1 1/4
1 1/2	90,856	101,924	112,803	122,357	131,911	141,465	147,664	1 1/2	1 1/2
1 3/4	91,086	102,154	113,002	122,556	132,110	141,664	147,863	1 3/4	1 3/4
2	91,317	102,385	113,201	122,755	132,309	141,863	148,062	2	2
2 1/4	91,547	102,616	113,400	122,954	132,508	142,062	148,261	2 1/4	2 1/4
2 1/2	91,778	102,846	113,599	123,153	132,707	142,261	148,460	2 1/2	2 1/2
2 3/4	92,009	103,077	113,798	123,352	132,906	142,460	148,659	2 3/4	2 3/4
3	92,239	103,307	113,997	123,551	133,105	142,659	148,858	3	3
3 1/4	92,470	103,538	114,196	123,750	133,304	142,858	149,057	3 1/4	3 1/4
3 1/2	92,700	103,768	114,395	123,949	133,503	143,057	149,256	3 1/2	3 1/2
3 3/4	92,931	103,999	114,594	124,148	133,702	143,256	149,455	3 3/4	3 3/4
4	93,162	104,230	114,793	124,347	133,901	143,455	149,654	4	4
4 1/4	93,392	104,460	114,993	124,546	134,100	143,654	149,853	4 1/4	4 1/4
4 1/2	93,623	104,691	115,192	124,746	134,300	143,853	150,052	4 1/2	4 1/2
4 3/4	93,853	104,921	115,391	124,945	134,499	144,052	150,251	4 3/4	4 3/4
5	94,084	105,152	115,590	125,144	134,698	144,251	150,450	5	5
5 1/4	94,314	105,383	115,789	125,343	134,897	144,450	150,649	5 1/4	5 1/4
5 1/2	94,545	105,613	115,988	125,542	135,096	144,649	150,848	5 1/2	5 1/2
5 3/4	94,776	105,844	116,187	125,741	135,295	144,848	151,047	5 3/4	5 3/4
6	95,006	106,074	116,386	125,940	135,494	145,047	151,246	6	6
6 1/4	95,237	106,305	116,585	126,139	135,693	145,246	151,445	6 1/4	6 1/4
6 1/2	95,467	106,536	116,784	126,338	135,892	145,445	151,644	6 1/2	6 1/2
6 3/4	95,698	106,766	116,983	126,537	136,091	145,644	151,843	6 3/4	6 3/4
7	95,929	106,997	117,182	126,736	136,290	145,843	152,042	7	7
7 1/4	96,159	107,227	117,381	126,935	136,489	146,042	152,241	7 1/4	7 1/4
7 1/2	96,390	107,458	117,580	127,134	136,688	146,241	152,440	7 1/2	7 1/2
7 3/4	96,620	107,688	117,779	127,333	136,887	146,440	152,639	7 3/4	7 3/4
8	96,851	107,919	117,978	127,532	137,086	146,639	152,838	8	8
8 1/4	97,082	108,150	118,177	127,731	137,285	146,838	153,037	8 1/4	8 1/4
8 1/2	97,312	108,380	118,376	127,930	137,484	147,037	153,236	8 1/2	8 1/2
8 3/4	97,543	108,611	118,575	128,129	137,683	147,236	153,435	8 3/4	8 3/4
9	97,773	108,841	118,774	128,328	137,882	147,435	153,634	9	9
9 1/4	98,004	109,072	118,973	128,527	138,081	147,634	153,833	9 1/4	9 1/4
9 1/2	98,234	109,303	119,172	128,726	138,280	147,833	154,032	9 1/2	9 1/2
9 3/4	98,465	109,533	119,371	128,925	138,479	148,032	154,231	9 3/4	9 3/4
10	98,696	109,764	119,570	129,124	138,678	148,231	154,430	10	10
10 1/4	98,926	109,994	119,770	129,323	138,877	148,430	154,629	10 1/4	10 1/4
10 1/2	99,157	110,225	119,969	129,522	139,076	148,629	154,828	10 1/2	10 1/2
10 3/4	99,387	110,455	120,168	129,722	139,275	148,828	155,027	10 3/4	10 3/4
11	99,618	110,686	120,367	129,921	139,475	149,027	155,226	11	11
11 1/4	99,849	110,917	120,566	130,120	139,674	149,226	155,425	11 1/4	11 1/4
11 1/2	100,079	111,147	120,765	130,319	139,873	149,425	155,624	11 1/2	11 1/2
11 3/4	100,310	111,378	120,964	130,518	140,072	149,624	155,823	11 3/4	11 3/4

CAPACITY IN: U.S. GALLONS

GAUGE HEIGHT: 14'-10 1/2" (RIM OF HATCH OPPOSITE HINGE)

STRAPPED: 9/17/91

CHAS. MARTIN CORPORATION

BARGE "IB-1011"

INGRAM OHIO BARGE LINES

COMPANY OF INDEPENDENT

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

HULL NO. 1580

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		FEET	
IN.	0	IN.	0	IN.	0	IN.	0	IN.	0	IN.	0	IN.	0	IN.	0	IN.	0
0	951	0	11,693	0	22,832	0	33,734	0	44,677	0	55,619	0	66,561	0	77,503	0	CONTINUED ON
1/4	1,179	1/4	12,121	1/4	23,059	1/4	33,962	1/4	44,905	1/4	55,847	1/4	66,789	1/4	77,731	1/4	SHEET NO. 2
1/2	1,407	1/2	12,549	1/2	23,486	1/2	34,390	1/2	45,333	1/2	56,275	1/2	67,217	1/2	78,159	1/2	
3/4	1,635	3/4	12,977	3/4	23,913	3/4	34,817	3/4	45,759	3/4	56,701	3/4	67,643	3/4	78,585	3/4	
1	1,863	1	12,405	1	23,340	1	34,240	1	45,181	1	56,122	1	67,063	1	78,005	1	
1 1/4	2,091	1 1/4	12,833	1 1/4	23,767	1 1/4	34,667	1 1/4	45,611	1 1/4	56,554	1 1/4	67,495	1 1/4	78,447	1 1/4	
1 1/2	2,319	1 1/2	13,261	1 1/2	24,194	1 1/2	35,092	1 1/2	46,054	1 1/2	57,006	1 1/2	67,937	1 1/2	78,899	1 1/2	
1 3/4	2,547	1 3/4	13,689	1 3/4	24,621	1 3/4	35,519	1 3/4	46,500	1 3/4	57,445	1 3/4	68,389	1 3/4	79,351	1 3/4	
2	2,775	2	13,117	2	24,048	2	35,946	2	46,940	2	57,890	2	68,833	2	79,803	2	
2 1/4	3,003	2 1/4	13,545	2 1/4	24,475	2 1/4	36,373	2 1/4	47,383	2 1/4	58,334	2 1/4	69,277	2 1/4	80,255	2 1/4	
2 1/2	3,231	2 1/2	13,973	2 1/2	24,902	2 1/2	36,800	2 1/2	47,826	2 1/2	58,778	2 1/2	69,720	2 1/2	80,707	2 1/2	
2 3/4	3,459	2 3/4	14,401	2 3/4	25,329	2 3/4	37,227	2 3/4	48,269	2 3/4	59,220	2 3/4	70,169	2 3/4	81,159	2 3/4	
3	3,687	3	14,829	3	25,757	3	37,655	3	48,712	3	59,662	3	70,612	3	81,609	3	
3 1/4	3,915	3 1/4	15,257	3 1/4	26,185	3 1/4	38,083	3 1/4	49,155	3 1/4	60,104	3 1/4	71,055	3 1/4	82,059	3 1/4	
3 1/2	4,143	3 1/2	15,685	3 1/2	26,613	3 1/2	38,511	3 1/2	49,600	3 1/2	60,546	3 1/2	71,506	3 1/2	82,509	3 1/2	
3 3/4	4,371	3 3/4	16,113	3 3/4	27,041	3 3/4	38,937	3 3/4	50,049	3 3/4	61,000	3 3/4	71,957	3 3/4	82,959	3 3/4	
4	4,599	4	16,541	4	27,469	4	39,365	4	50,500	4	61,441	4	72,408	4	83,409	4	
4 1/4	4,827	4 1/4	16,969	4 1/4	27,897	4 1/4	39,793	4 1/4	50,950	4 1/4	61,892	4 1/4	72,859	4 1/4	83,859	4 1/4	
4 1/2	5,054	4 1/2	17,397	4 1/2	28,325	4 1/2	40,221	4 1/2	51,400	4 1/2	62,343	4 1/2	73,310	4 1/2	84,309	4 1/2	
4 3/4	5,282	4 3/4	17,825	4 3/4	28,753	4 3/4	40,649	4 3/4	51,850	4 3/4	62,794	4 3/4	73,761	4 3/4	84,759	4 3/4	
5	5,510	5	18,253	5	29,181	5	41,077	5	52,300	5	63,245	5	74,212	5	85,209	5	
5 1/4	5,738	5 1/4	18,681	5 1/4	29,609	5 1/4	41,505	5 1/4	52,750	5 1/4	63,696	5 1/4	74,663	5 1/4	85,659	5 1/4	
5 1/2	5,966	5 1/2	19,109	5 1/2	30,037	5 1/2	41,933	5 1/2	53,199	5 1/2	64,147	5 1/2	75,114	5 1/2	86,109	5 1/2	
5 3/4	6,194	5 3/4	19,537	5 3/4	30,465	5 3/4	42,361	5 3/4	53,648	5 3/4	64,600	5 3/4	75,565	5 3/4	86,559	5 3/4	
6	6,422	6	19,965	6	30,893	6	42,789	6	54,099	6	65,052	6	76,016	6	87,009	6	
6 1/4	6,650	6 1/4	20,393	6 1/4	31,321	6 1/4	43,217	6 1/4	54,548	6 1/4	65,503	6 1/4	76,471	6 1/4	87,459	6 1/4	
6 1/2	6,878	6 1/2	20,821	6 1/2	31,749	6 1/2	43,645	6 1/2	55,000	6 1/2	65,954	6 1/2	76,922	6 1/2	87,909	6 1/2	
6 3/4	7,106	6 3/4	21,249	6 3/4	32,177	6 3/4	44,073	6 3/4	55,449	6 3/4	66,405	6 3/4	77,374	6 3/4	88,359	6 3/4	
7	7,334	7	21,677	7	32,605	7	44,501	7	55,896	7	66,856	7	77,825	7	88,809	7	
7 1/4	7,562	7 1/4	22,105	7 1/4	33,033	7 1/4	44,929	7 1/4	56,343	7 1/4	67,307	7 1/4	78,276	7 1/4	89,259	7 1/4	
7 1/2	7,790	7 1/2	22,533	7 1/2	33,461	7 1/2	45,357	7 1/2	56,790	7 1/2	67,758	7 1/2	78,727	7 1/2	89,709	7 1/2	
7 3/4	8,018	7 3/4	22,961	7 3/4	33,889	7 3/4	45,785	7 3/4	57,233	7 3/4	68,209	7 3/4	79,178	7 3/4	90,159	7 3/4	
8	8,246	8	23,389	8	34,317	8	46,213	8	57,684	8	68,660	8	79,629	8	90,609	8	
8 1/4	8,474	8 1/4	23,817	8 1/4	34,745	8 1/4	46,641	8 1/4	58,129	8 1/4	69,111	8 1/4	80,079	8 1/4	91,059	8 1/4	
8 1/2	8,702	8 1/2	24,245	8 1/2	35,173	8 1/2	47,069	8 1/2	58,578	8 1/2	69,562	8 1/2	80,529	8 1/2	91,509	8 1/2	
8 3/4	8,930	8 3/4	24,673	8 3/4	35,601	8 3/4	47,501	8 3/4	59,017	8 3/4	70,013	8 3/4	80,979	8 3/4	91,959	8 3/4	
9	9,158	9	25,101	9	36,029	9	47,933	9	59,464	9	70,464	9	81,429	9	92,409	9	
9 1/4	9,386	9 1/4	25,529	9 1/4	36,457	9 1/4	48,365	9 1/4	60,000	9 1/4	70,915	9 1/4	81,879	9 1/4	92,859	9 1/4	
9 1/2	9,614	9 1/2	25,957	9 1/2	36,885	9 1/2	48,797	9 1/2	60,446	9 1/2	71,366	9 1/2	82,329	9 1/2	93,309	9 1/2	
9 3/4	9,842	9 3/4	26,385	9 3/4	37,313	9 3/4	49,229	9 3/4	60,897	9 3/4	71,817	9 3/4	82,779	9 3/4	93,759	9 3/4	
10	10,070	10	26,813	10	37,741	10	49,661	10	72,268	10	72,268	10	83,229	10	94,209	10	
10 1/4	10,298	10 1/4	27,241	10 1/4	38,169	10 1/4	50,103	10 1/4	72,719	10 1/4	72,719	10 1/4	83,679	10 1/4	94,659	10 1/4	
10 1/2	10,526	10 1/2	27,669	10 1/2	38,597	10 1/2	50,545	10 1/2	73,170	10 1/2	73,170	10 1/2	84,129	10 1/2	95,109	10 1/2	
10 3/4	10,754	10 3/4	28,097	10 3/4	39,025	10 3/4	50,987	10 3/4	73,621	10 3/4	73,621	10 3/4	84,579	10 3/4	95,559	10 3/4	
11	10,982	11	28,525	11	39,453	11	51,429	11	74,072	11	74,072	11	85,029	11	96,009	11	
11 1/4	11,210	11 1/4	28,953	11 1/4	39,881	11 1/4	51,871	11 1/4	74,523	11 1/4	74,523	11 1/4	85,479	11 1/4	96,459	11 1/4	
11 1/2	11,438	11 1/2	29,381	11 1/2	40,309	11 1/2	52,313	11 1/2	74,974	11 1/2	74,974	11 1/2	85,929	11 1/2	96,909	11 1/2	
11 3/4	11,666	11 3/4	29,809	11 3/4	40,737	11 3/4	52,755	11 3/4	75,425	11 3/4	75,425	11 3/4	86,379	11 3/4	97,359	11 3/4	
12	11,894	12	30,237	12	41,165	12	53,197	12	75,876	12	75,876	12	86,829	12	97,809	12	
12 1/4	12,122	12 1/4	30,665	12 1/4	41,593	12 1/4	53,639	12 1/4	76,327	12 1/4	76,327	12 1/4	87,279	12 1/4	98,259	12 1/4	
12 1/2	12,350	12 1/2	31,093	12 1/2	42,021	12 1/2	54,081	12 1/2	76,778	12 1/2	76,778	12 1/2	87,729	12 1/2	98,709	12 1/2	
12 3/4	12,578	12 3/4	31,521	12 3/4	42,449	12 3/4	54,523	12 3/4	77,229	12 3/4	77,229	12 3/4	88,179	12 3/4	99,159	12 3/4	
13	12,806	13	31,949	13	42,877	13	54,965	13	77,680	13	77,680	13	88,629	13	99,609	13	
13 1/4	13,034	13 1/4	32,377	13 1/4	43,305	13 1/4	55,407	13 1/4	78,131	13 1/4	78,131	13 1/4	89,079	13 1/4	100,059	13 1/4	
13 1/2	13,262	13 1/2	32,805	13 1/2	43,733	13 1/2	55,849	13 1/2	78,582	13 1/2	78,582	13 1/2	89,529	13 1/2	100,509	13 1/2	
13 3/4	13,490	13 3/4	33,233	13 3/4	44,161	13 3/4	56,291	13 3/4	79,033	13 3/4	79,033	13 3/4	90,000	13 3/4	100,959	13 3/4	
14	13,718	14	33,661	14	44,589	14	56,733	14	79,484	14	79,484	14	90,450	14	101,409	14	
14 1/4	13,946	14 1/4	34,089	14 1/4	45,017	14 1/4	57,175	14 1/4	80,000	14 1/4	80,000	14 1/4	90,900	14 1/4	101,859	14 1/4	
14 1/2	14,174	14 1/2	34,517	14 1/2	45,445	14 1/2	57,617	14 1/2	80,451	14 1/2	80,451	14 1/2	91,350	14 1/2	102,309	14 1/2	

BARGE "B-1011"

INGRAM OHIO BARGE LINES

HULL NO. 1580

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

IN.	8 FEET	9 FEET	10 FEET	11 FEET	12 FEET	13 FEET	14 FEET	FEET	FEET
0	86,446	99,360	110,330	121,272	132,214	143,157	150,211	0	0
1/4	88,674	99,616	110,558	121,500	132,442	143,385	150,224	1/4	1/4
1/2	89,901	99,844	110,786	121,728	132,670	143,613	150,224	1/2	1/2
3/4	89,129	100,072	111,014	121,956	132,898	143,841	150,224	3/4	3/4
1	89,357	100,300	111,242	122,184	133,126	144,069	150,224	1	1
1 1/4	89,585	100,528	111,470	122,412	133,354	144,297	150,224	1 1/4	1 1/4
1 1/2	89,813	100,756	111,698	122,640	133,582	144,524	150,224	1 1/2	1 1/2
1 3/4	90,041	100,984	111,926	122,868	133,810	144,752	150,224	1 3/4	1 3/4
2	90,269	101,211	112,154	123,096	134,038	144,980	150,224	2	2
2 1/4	90,497	101,439	112,382	123,324	134,266	145,208	150,224	2 1/4	2 1/4
2 1/2	90,725	101,667	112,610	123,552	134,494	145,436	150,224	2 1/2	2 1/2
2 3/4	90,953	101,895	112,838	123,780	134,722	145,664	150,224	2 3/4	2 3/4
3	91,181	102,123	113,066	124,008	134,950	145,892	150,224	3	3
3 1/4	91,409	102,351	113,294	124,236	135,178	146,120	150,224	3 1/4	3 1/4
3 1/2	91,637	102,579	113,521	124,464	135,406	146,348	150,224	3 1/2	3 1/2
3 3/4	91,865	102,807	113,749	124,692	135,634	146,576	150,224	3 3/4	3 3/4
4	92,093	103,035	113,977	124,920	135,862	146,804	150,224	4	4
4 1/4	92,321	103,263	114,205	125,148	136,090	147,032	150,224	4 1/4	4 1/4
4 1/2	92,549	103,491	114,433	125,376	136,318	147,260	150,224	4 1/2	4 1/2
4 3/4	92,777	103,719	114,661	125,604	136,546	147,488	150,224	4 3/4	4 3/4
5	93,005	103,947	114,889	125,832	136,774	147,716	150,224	5	5
5 1/4	93,233	104,175	115,117	126,060	137,002	147,944	150,224	5 1/4	5 1/4
5 1/2	93,461	104,403	115,345	126,288	137,230	148,172	150,224	5 1/2	5 1/2
5 3/4	93,689	104,631	115,573	126,516	137,458	148,400	150,224	5 3/4	5 3/4
6	93,917	104,859	115,801	126,744	137,686	148,628	150,224	6	6
6 1/4	94,145	105,087	116,029	126,972	137,914	148,856	150,224	6 1/4	6 1/4
6 1/2	94,373	105,315	116,257	127,200	138,142	149,084	150,224	6 1/2	6 1/2
6 3/4	94,601	105,543	116,485	127,428	138,370	149,312	150,224	6 3/4	6 3/4
7	94,829	105,771	116,713	127,656	138,598	149,540	150,224	7	7
7 1/4	95,056	105,999	116,941	127,884	138,826	149,768	150,224	7 1/4	7 1/4
7 1/2	95,284	106,227	117,169	128,112	139,054	149,996	150,224	7 1/2	7 1/2
7 3/4	95,512	106,455	117,397	128,340	139,282	150,224	150,224	7 3/4	7 3/4
8	95,740	106,683	117,625	128,568	139,510	150,224	150,224	8	8
8 1/4	95,968	106,911	117,853	128,796	139,738	150,224	150,224	8 1/4	8 1/4
8 1/2	96,196	107,139	118,081	129,024	139,966	150,224	150,224	8 1/2	8 1/2
8 3/4	96,424	107,367	118,309	129,252	140,194	150,224	150,224	8 3/4	8 3/4
9	96,652	107,595	118,537	129,480	140,422	150,224	150,224	9	9
9 1/4	96,880	107,823	118,765	129,708	140,650	150,224	150,224	9 1/4	9 1/4
9 1/2	97,108	108,051	118,993	129,936	140,878	150,224	150,224	9 1/2	9 1/2
9 3/4	97,336	108,279	119,221	130,164	141,106	150,224	150,224	9 3/4	9 3/4
10	97,564	108,507	119,449	130,392	141,334	150,224	150,224	10	10
10 1/4	97,792	108,735	119,677	130,620	141,562	150,224	150,224	10 1/4	10 1/4
10 1/2	98,020	108,963	119,905	130,848	141,790	150,224	150,224	10 1/2	10 1/2
10 3/4	98,248	109,191	120,132	131,076	142,018	150,224	150,224	10 3/4	10 3/4
11	98,476	109,419	120,360	131,304	142,246	150,224	150,224	11	11
11 1/4	98,704	109,647	120,588	131,532	142,474	150,224	150,224	11 1/4	11 1/4
11 1/2	98,932	109,875	120,816	131,760	142,702	150,224	150,224	11 1/2	11 1/2
11 3/4	99,160	110,103	121,044	131,988	142,930	150,224	150,224	11 3/4	11 3/4

CAPACITY IN: U.S. GALLONS

GAUGE HEIGHT: 14"-10 3/4" (RIM OF HATCH OPPOSITE HINGE)

STRAPPED: 9/11/91

CHAS. MARTIN CORPORATION

BARGE "IB-1011"

INGRAM OHIO BARGE LINES

COMPANY OF INDEPENDENT BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN HULL NO. 1580

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		FEET	
IN.	0	IN.	0	IN.	0	IN.	0	IN.	0	IN.	0	IN.	0	IN.	0	IN.	CONTINUED ON SHEET NO. 2
0	1,043	0	13,087	0	25,132	0	37,176	0	49,221	0	61,265	0	73,310	0	85,354	0	
1/4	1,294	1/4	13,539	1/4	25,585	1/4	37,628	1/4	49,672	1/4	61,716	1/4	73,761	1/4	85,805	1/4	
1/2	1,545	1/2	13,989	1/2	26,034	1/2	38,082	1/2	50,126	1/2	62,166	1/2	74,211	1/2	86,250	1/2	
3/4	1,796	3/4	14,440	3/4	26,485	3/4	38,533	3/4	50,617	3/4	62,617	3/4	74,662	3/4	86,701	3/4	
1	2,047	1	14,891	1	26,936	1	38,984	1	51,068	1	63,067	1	75,113	1	87,146	1	
1 1/4	2,298	1 1/4	15,342	1 1/4	27,387	1 1/4	39,435	1 1/4	51,519	1 1/4	63,518	1 1/4	75,564	1 1/4	87,595	1 1/4	
1 1/2	2,549	1 1/2	15,793	1 1/2	27,838	1 1/2	39,886	1 1/2	51,970	1 1/2	63,969	1 1/2	76,015	1 1/2	88,046	1 1/2	
1 3/4	2,799	1 3/4	16,244	1 3/4	28,289	1 3/4	40,337	1 3/4	52,421	1 3/4	64,420	1 3/4	76,466	1 3/4	88,497	1 3/4	
2	3,050	2	16,695	2	28,740	2	40,788	2	52,871	2	64,871	2	76,917	2	88,948	2	
2 1/4	3,301	2 1/4	17,146	2 1/4	29,191	2 1/4	41,239	2 1/4	53,322	2 1/4	65,322	2 1/4	77,368	2 1/4	89,399	2 1/4	
2 1/2	3,552	2 1/2	17,597	2 1/2	29,642	2 1/2	41,690	2 1/2	53,773	2 1/2	65,773	2 1/2	77,819	2 1/2	89,850	2 1/2	
2 3/4	3,803	2 3/4	18,048	2 3/4	30,093	2 3/4	42,141	2 3/4	54,224	2 3/4	66,224	2 3/4	78,270	2 3/4	90,301	2 3/4	
3	4,054	3	18,499	3	30,544	3	42,592	3	54,675	3	66,675	3	78,721	3	90,752	3	
3 1/4	4,305	3 1/4	18,950	3 1/4	31,000	3 1/4	43,043	3 1/4	55,126	3 1/4	67,126	3 1/4	79,172	3 1/4	91,203	3 1/4	
3 1/2	4,556	3 1/2	19,401	3 1/2	31,451	3 1/2	43,494	3 1/2	55,577	3 1/2	67,577	3 1/2	79,623	3 1/2	91,654	3 1/2	
3 3/4	4,807	3 3/4	19,852	3 3/4	31,902	3 3/4	43,945	3 3/4	56,028	3 3/4	68,028	3 3/4	80,074	3 3/4	92,105	3 3/4	
4	5,058	4	20,303	4	32,353	4	44,396	4	56,479	4	68,479	4	80,525	4	92,556	4	
4 1/4	5,309	4 1/4	20,754	4 1/4	32,804	4 1/4	44,847	4 1/4	56,930	4 1/4	68,930	4 1/4	80,976	4 1/4	93,007	4 1/4	
4 1/2	5,560	4 1/2	21,205	4 1/2	33,255	4 1/2	45,298	4 1/2	57,381	4 1/2	69,381	4 1/2	81,427	4 1/2	93,458	4 1/2	
4 3/4	5,811	4 3/4	21,656	4 3/4	33,706	4 3/4	45,749	4 3/4	57,832	4 3/4	69,832	4 3/4	81,878	4 3/4	93,909	4 3/4	
5	6,062	5	22,107	5	34,157	5	46,200	5	58,283	5	70,283	5	82,329	5	94,360	5	
5 1/4	6,312	5 1/4	22,558	5 1/4	34,608	5 1/4	46,651	5 1/4	58,734	5 1/4	70,734	5 1/4	82,780	5 1/4	94,811	5 1/4	
5 1/2	6,563	5 1/2	23,009	5 1/2	35,059	5 1/2	47,102	5 1/2	59,185	5 1/2	71,185	5 1/2	83,231	5 1/2	95,262	5 1/2	
5 3/4	6,814	5 3/4	23,460	5 3/4	35,510	5 3/4	47,553	5 3/4	59,636	5 3/4	71,636	5 3/4	83,682	5 3/4	95,713	5 3/4	
6	7,065	6	23,911	6	35,961	6	48,004	6	60,087	6	72,087	6	84,133	6	96,164	6	
6 1/4	7,316	6 1/4	24,362	6 1/4	36,412	6 1/4	48,455	6 1/4	60,538	6 1/4	72,538	6 1/4	84,584	6 1/4	96,615	6 1/4	
6 1/2	7,567	6 1/2	24,813	6 1/2	36,863	6 1/2	48,906	6 1/2	60,989	6 1/2	72,989	6 1/2	85,035	6 1/2	97,066	6 1/2	
6 3/4	7,818	6 3/4	25,264	6 3/4	37,314	6 3/4	49,357	6 3/4	61,440	6 3/4	73,440	6 3/4	85,486	6 3/4	97,517	6 3/4	
7	8,069	7	25,715	7	37,765	7	49,808	7	61,891	7	73,891	7	85,937	7	97,968	7	
7 1/4	8,320	7 1/4	26,166	7 1/4	38,216	7 1/4	50,259	7 1/4	62,342	7 1/4	74,342	7 1/4	86,388	7 1/4	98,419	7 1/4	
7 1/2	8,571	7 1/2	26,617	7 1/2	38,667	7 1/2	50,710	7 1/2	62,793	7 1/2	74,793	7 1/2	86,839	7 1/2	98,870	7 1/2	
7 3/4	8,822	7 3/4	27,068	7 3/4	39,118	7 3/4	51,161	7 3/4	63,244	7 3/4	75,244	7 3/4	87,290	7 3/4	99,321	7 3/4	
8	9,073	8	27,519	8	39,569	8	51,612	8	63,695	8	75,695	8	87,741	8	99,772	8	
8 1/4	9,324	8 1/4	27,970	8 1/4	40,020	8 1/4	52,063	8 1/4	64,146	8 1/4	76,146	8 1/4	88,192	8 1/4	100,223	8 1/4	
8 1/2	9,575	8 1/2	28,421	8 1/2	40,471	8 1/2	52,514	8 1/2	64,597	8 1/2	76,597	8 1/2	88,643	8 1/2	100,674	8 1/2	
8 3/4	9,826	8 3/4	28,872	8 3/4	40,922	8 3/4	52,965	8 3/4	65,048	8 3/4	77,048	8 3/4	89,094	8 3/4	101,125	8 3/4	
9	10,077	9	29,323	9	41,373	9	53,416	9	65,499	9	77,499	9	89,545	9	101,576	9	
9 1/4	10,328	9 1/4	29,774	9 1/4	41,824	9 1/4	53,867	9 1/4	65,950	9 1/4	77,950	9 1/4	89,996	9 1/4	102,027	9 1/4	
9 1/2	10,579	9 1/2	30,225	9 1/2	42,275	9 1/2	54,318	9 1/2	66,401	9 1/2	78,401	9 1/2	90,447	9 1/2	102,478	9 1/2	
9 3/4	10,830	9 3/4	30,676	9 3/4	42,726	9 3/4	54,769	9 3/4	66,852	9 3/4	78,852	9 3/4	90,898	9 3/4	102,929	9 3/4	
10	11,081	10	31,127	10	43,177	10	55,220	10	67,303	10	79,303	10	91,349	10	103,380	10	
10 1/4	11,332	10 1/4	31,578	10 1/4	43,628	10 1/4	55,671	10 1/4	67,754	10 1/4	79,754	10 1/4	91,800	10 1/4	103,831	10 1/4	
10 1/2	11,583	10 1/2	32,029	10 1/2	44,079	10 1/2	56,122	10 1/2	68,205	10 1/2	80,205	10 1/2	92,251	10 1/2	104,282	10 1/2	
10 3/4	11,834	10 3/4	32,480	10 3/4	44,530	10 3/4	56,573	10 3/4	68,656	10 3/4	80,656	10 3/4	92,702	10 3/4	104,733	10 3/4	
11	12,085	11	32,931	11	44,981	11	57,024	11	69,107	11	81,107	11	93,153	11	105,184	11	
11 1/4	12,336	11 1/4	33,382	11 1/4	45,432	11 1/4	57,475	11 1/4	69,558	11 1/4	81,558	11 1/4	93,604	11 1/4	105,635	11 1/4	
11 1/2	12,587	11 1/2	33,833	11 1/2	45,883	11 1/2	57,926	11 1/2	70,009	11 1/2	82,009	11 1/2	94,055	11 1/2	106,086	11 1/2	
11 3/4	12,838	11 3/4	34,284	11 3/4	46,334	11 3/4	58,377	11 3/4	70,460	11 3/4	82,460	11 3/4	94,506	11 3/4	106,537	11 3/4	
12	13,089	12	34,735	12	46,785	12	58,828	12	70,911	12	82,911	12	94,957	12	106,988	12	
12 1/4	13,340	12 1/4	35,186	12 1/4	47,236	12 1/4	59,279	12 1/4	71,362	12 1/4	83,362	12 1/4	95,408	12 1/4	107,439	12 1/4	
12 1/2	13,591	12 1/2	35,637	12 1/2	47,687	12 1/2	59,730	12 1/2	71,813	12 1/2	83,813	12 1/2	95,859	12 1/2	107,890	12 1/2	
12 3/4	13,842	12 3/4	36,088	12 3/4	48,138	12 3/4	60,181	12 3/4	72,264	12 3/4	84,264	12 3/4	96,310	12 3/4	108,341	12 3/4	
14	14,344	14	37,540	14	50,140	14	62,184	14	74,268	14	86,272	14	98,314	14	110,345	14	
15	15,346	15	39,492	15	52,142	15	64,190	15	76,272	15	88,276	15	100,318	15	112,349	15	
16	16,348	16	41,444	16	54,144	16	66,192	16	78,276	16	90,280	16	102,322	16	114,353	16	
17	17,350	17	43,396	17	56,146	17	68,194	17	80,280	17	92,284	17	104,326	17	116,357	17	
18	18,352	18	45,348	18	58,148	18	70,196	18	82,284	18	94,288	18	106,330	18	118,361	18	
19	19,354	19	47,300	19	60,150	19	72,198	19	84,288	19	96,292	19	108,334	19	120,365	19	
20	20,356	20	49,252	20	62,152	20	74,200	20	86,292	20	98,296	20	110,338	20	122,369	20	
21	21,358	21	51,204	21	64,154	21	76,202	21	88,296	21	100,300	21	112,342	21	124,373	21	
22	22,360	22	53,156	22	66,156	22	78,204	22	90,300	22	102,304	22	114,346	22	126,377	22	
23	23,362	23	55,108	23	68,158	23	80,206	23	92,304	23	104,308	23	116,350	23	128,381	23	
24	24,364	24	57,060	24	70,160	24	82,208	24	94,308	24	106,312	24	118,354	24	130,385	24	
25	25,366	25	59,012	25	72,162	25	84,210	25	96,312	25	108,316	25	120,358	25	132,389	25	
26	26,368	26	60,964	26	74,164	26	86,212	26	98,316	26	110,320	26	122,362	26	134,393	26	
27	27,370	27	62,916	27	76,166	27	88,214	27	100,320	27	112,324	27	124,366	27	136,397	27	
28	28,372	28	64,868	28	78,16												

BARGE "B-1011"

INGRAM OHIO BARGE LINES

SHEET NO. 2 OF 2
 TANK NUMBER:
3

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

	8 FEET	9 FEET	10 FEET	11 FEET	12 FEET	13 FEET	14 FEET	FEET	FEET
IN.									
0	97,599	109,443	121,487	133,440	144,985	156,116	163,227	0	0
1/4	97,650	109,694	121,738	133,686	145,222	156,347	163,240	0	0
1/2	97,900	109,944	121,989	133,929	145,457	156,577	163,240	1/2	1/2
3/4	98,151	110,194	122,240	134,172	145,681	156,807	163,240	3/4	3/4
1	98,402	110,447	122,491	134,416	145,925	157,037	163,240	1	1
1/4	98,653	110,698	122,742	134,660	146,160	157,266	163,240	1/4	1/4
1/2	98,904	110,949	122,993	134,904	146,384	157,496	163,240	1/2	1/2
3/4	99,155	111,200	123,244	135,148	146,608	157,726	163,240	3/4	3/4
2	99,406	111,450	123,495	135,390	146,832	157,956	163,240	2	2
1/4	99,657	111,701	123,746	135,633	147,057	158,185	163,240	1/4	1/4
1/2	99,908	111,952	123,997	135,876	147,281	158,415	163,240	1/2	1/2
3/4	100,159	112,203	124,248	136,120	147,505	158,645	163,240	3/4	3/4
3	100,410	112,454	124,499	136,363	147,729	158,875	163,240	3	3
1/4	100,661	112,705	124,750	136,606	147,953	159,104	163,240	1/4	1/4
1/2	100,912	112,956	125,001	136,850	148,177	159,334	163,240	1/2	1/2
3/4	101,162	113,207	125,252	137,093	148,401	159,564	163,240	3/4	3/4
4	101,413	113,458	125,502	137,337	148,625	159,794	163,240	4	4
1/4	101,664	113,709	125,753	137,580	148,849	159,972	163,240	1/4	1/4
1/2	101,915	113,960	126,003	137,823	149,073	160,144	163,240	1/2	1/2
3/4	102,166	114,211	126,254	138,061	149,297	160,322	163,240	3/4	3/4
5	102,417	114,462	126,505	138,304	149,521	160,547	163,240	5	5
1/4	102,668	114,712	126,756	138,547	149,745	160,771	163,240	1/4	1/4
1/2	102,919	114,963	127,007	138,790	150,000	161,000	163,240	1/2	1/2
3/4	103,170	115,214	127,258	139,033	150,224	161,228	163,240	3/4	3/4
6	103,421	115,465	127,509	139,276	150,448	161,452	163,240	6	6
1/4	103,672	115,716	127,760	139,519	150,672	161,676	163,240	1/4	1/4
1/2	103,923	115,967	128,011	139,762	150,896	161,900	163,240	1/2	1/2
3/4	104,174	116,218	128,262	140,005	151,120	162,124	163,240	3/4	3/4
7	104,425	116,469	128,513	140,248	151,344	162,348	163,240	7	7
1/4	104,676	116,720	128,764	140,491	151,568	162,572	163,240	1/4	1/4
1/2	104,927	116,971	129,015	140,734	151,792	162,796	163,240	1/2	1/2
3/4	105,178	117,222	129,266	140,977	152,016	163,020	163,240	3/4	3/4
8	105,429	117,473	129,517	141,220	152,240	163,244	163,240	8	8
1/4	105,680	117,724	129,768	141,463	152,464	163,468	163,240	1/4	1/4
1/2	105,931	117,975	130,019	141,706	152,688	163,692	163,240	1/2	1/2
3/4	106,182	118,226	130,270	141,949	152,912	163,916	163,240	3/4	3/4
9	106,433	118,477	130,521	142,192	153,136	164,140	163,240	9	9
1/4	106,684	118,728	130,772	142,435	153,360	164,364	163,240	1/4	1/4
1/2	106,935	118,979	131,023	142,678	153,584	164,588	163,240	1/2	1/2
3/4	107,186	119,230	131,274	142,921	153,808	164,812	163,240	3/4	3/4
10	107,437	119,481	131,525	143,164	154,032	165,036	163,240	10	10
1/4	107,688	119,732	131,776	143,407	154,256	165,260	163,240	1/4	1/4
1/2	107,939	119,983	132,027	143,650	154,480	165,484	163,240	1/2	1/2
3/4	108,190	120,234	132,278	143,893	154,704	165,708	163,240	3/4	3/4
11	108,441	120,485	132,529	144,136	154,928	165,932	163,240	11	11
1/4	108,692	120,736	132,780	144,379	155,152	166,156	163,240	1/4	1/4
1/2	108,943	120,987	133,031	144,622	155,376	166,380	163,240	1/2	1/2
3/4	109,194	121,238	133,282	144,865	155,600	166,604	163,240	3/4	3/4

CAPACITY IN U.S. GALLONS

GAUGE HEIGHT: 14'-10 1/4" (RIM OF HATCH OPPOSITE HINGE)

STAMPED: 9/17/91

Chas Martin
 CHAS. MARTIN CORPORATION

HULL NO. 1580

BARGE "IB-1011"

INGRAM OHIO BARGE LINES

CORRECTION TABLE FOR TRIM AFT.

FOR INNAGE GAUGES ONLY

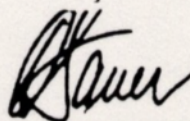
TRIM	TANK NO. 1	TANK NO. 2	TANK NO. 3
0'-6"	(-) 0'-0 1/4"	(-) 0'-0 1/8"	(-) 0'-0 1/8"
1'-0"	(-) 0'-0 3/8"	(-) 0'-0 1/4"	(-) 0'-0 1/4"
1'-6"	(-) 0'-0 5/8"	(-) 0'-0 3/8"	(-) 0'-0 3/8"
2'-0"	(-) 0'-0 7/8"	(-) 0'-0 1/2"	(-) 0'-0 3/8"
2'-6"	(-) 0'-1"	(-) 0'-0 5/8"	(-) 0'-0 1/2"
3'-0"	(-) 0'-1 1/4"	(-) 0'-0 3/4"	(-) 0'-0 5/8"
3'-6"	(-) 0'-1 1/2"	(-) 0'-1"	(-) 0'-0 3/4"
4'-0"	(-) 0'-1 5/8"	(-) 0'-1 1/8"	(-) 0'-0 7/8"
4'-6"	(-) 0'-1 7/8"	(-) 0'-1 1/4"	(-) 0'-1"
5'-0"	(-) 0'-2 1/8"	(-) 0'-1 3/8"	(-) 0'-1"

NOTE: FOR TRIM FWD., REVERSE SIGNS.

NOTE: IF LIQUID SURFACE TOUCHES TANK BOTTOM OR DECK WHEN GAUGED, TRIM CORRECTIONS ARE NOT ACCURATE.

NOTE: FOR "OUTAGE" GAUGES, REVERSE SIGNS.

CHAS. MARTIN INSPECTION
AND CONTROLS, INC.



BY: D. SAUER

DATE: 9/17/91

BARGE "B-1011"

INGRAM OHIO BARGE LINES

SHEET NO. 1 OF 2
 TANK NUMBER: **1**

HULL NO. 1580

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

IN.	0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		FEET	
	IN.	0	IN.	0	IN.	0	IN.	0	IN.	0	IN.	0	IN.	0	IN.	0	IN.	CONTINUED ON SHEET NO. 2
0	962	0	12,035	0	23,098	0	34,132	0	45,200	0	56,268	0	67,336	0	78,404	0	89,472	
1/4	1,193	1/4	12,264	1/4	23,328	1/4	34,362	1/4	45,430	1/4	56,498	1/4	67,566	1/4	78,634	1/4	89,702	
1/2	1,424	1/2	12,494	1/2	23,558	1/2	34,593	1/2	45,661	1/2	56,726	1/2	67,794	1/2	78,862	1/2	89,930	
3/4	1,654	3/4	12,723	3/4	23,788	3/4	34,824	3/4	45,892	3/4	56,959	3/4	68,027	3/4	79,095	3/4	90,163	
1	1,885	1	12,953	1	24,018	1	35,054	1	46,122	1	57,190	1	68,258	1	79,326	1	90,394	
1 1/4	2,116	1 1/4	13,186	1 1/4	24,247	1 1/4	35,285	1 1/4	46,353	1 1/4	57,421	1 1/4	68,489	1 1/4	79,557	1 1/4	90,622	
1 1/2	2,346	1 1/2	13,418	1 1/2	24,477	1 1/2	35,515	1 1/2	46,583	1 1/2	57,651	1 1/2	68,720	1 1/2	79,788	1 1/2	90,850	
1 3/4	2,577	1 3/4	13,647	1 3/4	24,707	1 3/4	35,746	1 3/4	46,814	1 3/4	57,882	1 3/4	68,950	1 3/4	80,018	1 3/4	91,078	
2	2,808	2	13,878	2	24,937	2	35,976	2	47,045	2	58,113	2	69,181	2	80,249	2	91,309	
2 1/4	3,038	2 1/4	14,108	2 1/4	25,167	2 1/4	36,207	2 1/4	47,275	2 1/4	58,343	2 1/4	69,411	2 1/4	80,479	2 1/4	91,540	
2 1/2	3,269	2 1/2	14,339	2 1/2	25,396	2 1/2	36,438	2 1/2	47,506	2 1/2	58,574	2 1/2	69,642	2 1/2	80,710	2 1/2	91,771	
2 3/4	3,500	2 3/4	14,569	2 3/4	25,626	2 3/4	36,668	2 3/4	47,736	2 3/4	58,804	2 3/4	69,872	2 3/4	80,941	2 3/4	92,002	
3	3,731	3	14,800	3	25,856	3	36,899	3	47,967	3	59,035	3	70,103	3	81,171	3	92,233	
3 1/4	3,961	3 1/4	15,031	3 1/4	26,086	3 1/4	37,129	3 1/4	48,197	3 1/4	59,266	3 1/4	70,334	3 1/4	81,402	3 1/4	92,464	
3 1/2	4,192	3 1/2	15,261	3 1/2	26,316	3 1/2	37,360	3 1/2	48,428	3 1/2	59,496	3 1/2	70,564	3 1/2	81,632	3 1/2	92,695	
3 3/4	4,423	3 3/4	15,492	3 3/4	26,545	3 3/4	37,591	3 3/4	48,659	3 3/4	59,727	3 3/4	70,795	3 3/4	81,863	3 3/4	92,926	
4	4,653	4	15,722	4	26,775	4	37,821	4	48,889	4	59,957	4	71,025	4	82,093	4	93,157	
4 1/4	4,884	4 1/4	15,953	4 1/4	27,005	4 1/4	38,052	4 1/4	49,120	4 1/4	60,188	4 1/4	71,256	4 1/4	82,324	4 1/4	93,388	
4 1/2	5,115	4 1/2	16,184	4 1/2	27,235	4 1/2	38,282	4 1/2	49,350	4 1/2	60,419	4 1/2	71,487	4 1/2	82,555	4 1/2	93,619	
4 3/4	5,345	4 3/4	16,414	4 3/4	27,465	4 3/4	38,512	4 3/4	49,581	4 3/4	60,649	4 3/4	71,717	4 3/4	82,785	4 3/4	93,850	
5	5,576	5	16,645	5	27,694	5	38,744	5	49,812	5	60,880	5	71,948	5	83,016	5	94,081	
5 1/4	5,807	5 1/4	16,875	5 1/4	27,924	5 1/4	38,974	5 1/4	50,042	5 1/4	61,110	5 1/4	72,178	5 1/4	83,246	5 1/4	94,312	
5 1/2	6,037	5 1/2	17,106	5 1/2	28,154	5 1/2	39,205	5 1/2	50,273	5 1/2	61,341	5 1/2	72,409	5 1/2	83,477	5 1/2	94,543	
5 3/4	6,268	5 3/4	17,337	5 3/4	28,384	5 3/4	39,435	5 3/4	50,503	5 3/4	61,571	5 3/4	72,640	5 3/4	83,708	5 3/4	94,774	
6	6,499	6	17,567	6	28,614	6	39,666	6	50,734	6	61,802	6	72,870	6	83,938	6	95,005	
6 1/4	6,729	6 1/4	17,798	6 1/4	28,845	6 1/4	39,896	6 1/4	50,965	6 1/4	62,033	6 1/4	73,101	6 1/4	84,169	6 1/4	95,236	
6 1/2	6,960	6 1/2	18,028	6 1/2	29,075	6 1/2	40,127	6 1/2	51,195	6 1/2	62,263	6 1/2	73,331	6 1/2	84,399	6 1/2	95,467	
6 3/4	7,190	6 3/4	18,259	6 3/4	29,303	6 3/4	40,358	6 3/4	51,426	6 3/4	62,494	6 3/4	73,562	6 3/4	84,630	6 3/4	95,698	
7	7,421	7	18,490	7	29,533	7	40,588	7	51,656	7	62,724	7	73,792	7	84,861	7	95,929	
7 1/4	7,652	7 1/4	18,720	7 1/4	29,763	7 1/4	40,819	7 1/4	51,887	7 1/4	62,955	7 1/4	74,023	7 1/4	85,091	7 1/4	96,160	
7 1/2	7,882	7 1/2	18,951	7 1/2	29,992	7 1/2	41,049	7 1/2	52,117	7 1/2	63,186	7 1/2	74,254	7 1/2	85,322	7 1/2	96,391	
7 3/4	8,113	7 3/4	19,181	7 3/4	30,222	7 3/4	41,280	7 3/4	52,348	7 3/4	63,416	7 3/4	74,484	7 3/4	85,552	7 3/4	96,622	
8	8,343	8	19,412	8	30,452	8	41,511	8	52,579	8	63,647	8	74,715	8	85,783	8	96,853	
8 1/4	8,574	8 1/4	19,643	8 1/4	30,682	8 1/4	41,741	8 1/4	52,809	8 1/4	63,877	8 1/4	74,945	8 1/4	86,013	8 1/4	97,084	
8 1/2	8,805	8 1/2	19,873	8 1/2	30,912	8 1/2	41,972	8 1/2	53,040	8 1/2	64,108	8 1/2	75,176	8 1/2	86,244	8 1/2	97,315	
8 3/4	9,035	8 3/4	20,104	8 3/4	31,141	8 3/4	42,202	8 3/4	53,270	8 3/4	64,338	8 3/4	75,407	8 3/4	86,475	8 3/4	97,546	
9	9,266	9	20,334	9	31,371	9	42,433	9	53,501	9	64,569	9	75,637	9	86,705	9	97,777	
9 1/4	9,496	9 1/4	20,565	9 1/4	31,601	9 1/4	42,665	9 1/4	53,732	9 1/4	64,800	9 1/4	75,868	9 1/4	86,936	9 1/4	98,008	
9 1/2	9,727	9 1/2	20,796	9 1/2	31,831	9 1/2	42,894	9 1/2	53,962	9 1/2	65,030	9 1/2	76,098	9 1/2	87,166	9 1/2	98,239	
9 3/4	9,958	9 3/4	21,026	9 3/4	32,060	9 3/4	43,125	9 3/4	54,193	9 3/4	65,261	9 3/4	76,329	9 3/4	87,397	9 3/4	98,470	
10	10,188	10	21,257	10	32,290	10	43,359	10	54,423	10	65,491	10	76,559	10	87,628	10	98,701	
10 1/4	10,419	10 1/4	21,487	10 1/4	32,520	10 1/4	43,586	10 1/4	54,654	10 1/4	65,722	10 1/4	76,790	10 1/4	87,859	10 1/4	98,932	
10 1/2	10,649	10 1/2	21,718	10 1/2	32,750	10 1/2	43,816	10 1/2	54,884	10 1/2	65,953	10 1/2	77,021	10 1/2	88,089	10 1/2	99,163	
10 3/4	10,880	10 3/4	21,949	10 3/4	32,980	10 3/4	44,047	10 3/4	55,112	10 3/4	66,183	10 3/4	77,251	10 3/4	88,319	10 3/4	99,394	
11	11,111	11	22,179	11	33,209	11	44,278	11	55,346	11	66,414	11	77,482	11	88,550	11	99,625	
11 1/4	11,341	11 1/4	22,409	11 1/4	33,440	11 1/4	44,508	11 1/4	55,576	11 1/4	66,644	11 1/4	77,712	11 1/4	88,781	11 1/4	99,856	
11 1/2	11,572	11 1/2	22,639	11 1/2	33,671	11 1/2	44,739	11 1/2	55,807	11 1/2	66,875	11 1/2	77,943	11 1/2	89,011	11 1/2	100,087	
11 3/4	11,802	11 3/4	22,869	11 3/4	33,901	11 3/4	44,969	11 3/4	56,037	11 3/4	67,103	11 3/4	78,174	11 3/4	89,242	11 3/4	100,318	

CAPACITY IN U.S. GALLONS

*CAPACITY BELOW STRIKE POINT.

GAUGE HEIGHT: 14'-10 1/2" (RIM OF HATCH OPPOSITE HINGE)

STRAPPED: 9/11/91

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

[Signature]
 T. G. WATKINS, P. E.