

BARGE "B-1015"

INGRAM OHIO BARGE LINES

SHEET NO. 1 OF 2
 TANK NUMBER:
1

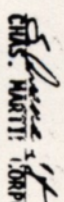
BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 1504

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
718	11,574	22,426	33,244	44,097	54,951	65,804	76,658	SHEET NO: 2
944	11,800	22,651	33,470	44,324	55,177	66,031	76,884	
1,170	12,027	22,877	33,696	44,550	55,403	66,257	77,110	
1,397	12,253	23,102	33,922	44,776	55,629	66,483	77,336	
1,623	12,479	23,327	34,148	45,002	55,855	66,709	77,562	
1,849	12,705	23,553	34,375	45,228	56,082	66,935	77,788	
2,075	12,931	23,778	34,601	45,454	56,308	67,161	78,015	
2,302	13,157	24,003	34,827	45,680	56,534	67,387	78,241	
2,528	13,383	24,229	35,053	45,906	56,760	67,613	78,467	
2,754	13,609	24,454	35,279	46,133	56,986	67,839	78,693	
2,980	13,836	24,679	35,505	46,359	57,212	68,066	78,919	
3,207	14,062	24,905	35,731	46,585	57,438	68,292	79,145	
3,433	14,288	25,130	35,957	46,811	57,664	68,518	79,371	
3,659	14,514	25,355	36,183	47,037	57,890	68,744	79,597	
3,885	14,740	25,581	36,410	47,263	58,117	68,970	79,823	
4,111	14,966	25,806	36,636	47,489	58,343	69,196	80,050	
4,338	15,192	26,031	36,862	47,715	58,569	69,422	80,276	
4,564	15,418	26,257	37,088	47,941	58,795	69,648	80,502	
4,790	15,645	26,482	37,314	48,166	59,021	69,874	80,728	
5,016	15,871	26,707	37,540	48,392	59,247	70,101	80,954	
5,243	16,097	26,932	37,766	48,620	59,473	70,327	81,180	
5,469	16,323	27,158	37,992	48,846	59,699	70,553	81,406	
5,695	16,549	27,383	38,219	49,072	59,925	70,779	81,632	
5,921	16,775	27,608	38,445	49,296	60,152	71,005	81,859	
6,147	17,001	27,834	38,671	49,522	60,378	71,231	82,085	
6,373	17,227	28,059	38,897	49,750	60,604	71,457	82,311	
6,599	17,454	28,284	39,123	49,976	60,830	71,683	82,537	
6,826	17,680	28,510	39,349	50,202	61,056	71,910	82,763	
7,052	17,906	28,735	39,575	50,429	61,282	72,136	82,989	
7,278	18,132	28,960	39,801	50,655	61,508	72,362	83,215	
7,504	18,358	29,186	40,027	50,881	61,734	72,588	83,441	
7,730	18,584	29,411	40,254	51,107	61,960	72,814	83,667	
7,956	18,810	29,636	40,480	51,333	62,187	73,040	83,894	
8,182	19,036	29,862	40,706	51,559	62,413	73,266	84,120	
8,408	19,263	30,087	40,932	51,785	62,639	73,492	84,346	
8,635	19,489	30,312	41,158	52,011	62,865	73,718	84,572	
8,861	19,715	30,538	41,384	52,236	63,091	73,945	84,798	
9,087	19,941	30,763	41,610	52,464	63,317	74,171	85,024	
9,313	20,167	30,988	41,836	52,690	63,543	74,397	85,250	
9,539	20,393	31,214	42,062	52,916	63,769	74,623	85,476	
9,765	20,619	31,439	42,289	53,142	63,996	74,849	85,702	
9,991	20,845	31,664	42,515	53,368	64,222	75,075	85,929	
10,218	21,072	31,890	42,741	53,594	64,448	75,301	86,155	
10,444	21,298	32,115	42,967	53,820	64,674	75,527	86,381	
10,670	21,524	32,340	43,193	54,047	64,900	75,753	86,607	
10,896	21,750	32,566	43,419	54,273	65,126	75,980	86,833	
11,122	21,976	32,792	43,645	54,499	65,352	76,206	87,059	
11,348	22,201	33,018	43,871	54,725	65,578	76,432	87,285	

*CAPACITY BELOW STRIKE POINT GAUGE HEIGHT: 14'-10 3/4" (RIM OF HATCH OPPOSITE HINGE)

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

STRAPPED: 12/19/91

 CHAS. MARTIN CORPORATION

BARGE "B-1015"

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. 1584

IN.	8 FEET	9 FEET	10 FEET	11 FEET	12 FEET	13 FEET	14 FEET	IN.	FEET	FEET
0	87,511 0	98,365 0	109,219 0	118,789 0	128,333 0	137,876 0	144,216 0	0	0	0
1/4	87,737 1/4	98,445 1/4	109,445 1/4	119,906 1/4	129,532 1/4	139,075 1/4	144,228 1/4	1/4	1/4	1/4
1/2	87,964 1/2	98,817 1/2	109,644 1/2	119,187 1/2	128,731 1/2	138,274 1/2	144,239 1/2	1/2	1/2	1/2
3/4	88,190 3/4	99,043 3/4	109,843 3/4	119,366 3/4	128,929 3/4	138,473 3/4		3/4	3/4	3/4
1	88,416 1	99,269 1	110,041 1	119,585 1	129,128 1	138,672 1		1	1	1
1 1/4	88,642 1 1/4	99,495 1 1/4	110,240 1 1/4	119,784 1 1/4	129,327 1 1/4	138,870 1 1/4		1 1/4	1 1/4	1 1/4
1 1/2	88,868 1 1/2	99,722 1 1/2	110,439 1 1/2	119,982 1 1/2	129,526 1 1/2	139,069 1 1/2		1 1/2	1 1/2	1 1/2
1 3/4	89,094 1 3/4	99,948 1 3/4	110,638 1 3/4	120,181 1 3/4	129,725 1 3/4	139,268 1 3/4		1 3/4	1 3/4	1 3/4
2	89,320 2	100,174 2	110,837 2	120,380 2	129,923 2	139,467 2		2	2	2
2 1/4	89,546 2 1/4	100,400 2 1/4	111,035 2 1/4	120,579 2 1/4	130,122 2 1/4	139,666 2 1/4		2 1/4	2 1/4	2 1/4
2 1/2	89,773 2 1/2	100,626 2 1/2	111,234 2 1/2	120,778 2 1/2	130,321 2 1/2	139,865 2 1/2		2 1/2	2 1/2	2 1/2
2 3/4	89,999 2 3/4	100,852 2 3/4	111,433 2 3/4	120,977 2 3/4	130,520 2 3/4	140,063 2 3/4		2 3/4	2 3/4	2 3/4
3	90,225 3	101,078 3	111,632 3	121,175 3	130,719 3	140,262 3		3	3	3
3 1/4	90,451 3 1/4	101,304 3 1/4	111,831 3 1/4	121,374 3 1/4	130,918 3 1/4	140,461 3 1/4		3 1/4	3 1/4	3 1/4
3 1/2	90,677 3 1/2	101,530 3 1/2	112,030 3 1/2	121,573 3 1/2	131,116 3 1/2	140,660 3 1/2		3 1/2	3 1/2	3 1/2
3 3/4	90,903 3 3/4	101,757 3 3/4	112,228 3 3/4	121,772 3 3/4	131,315 3 3/4	140,848 3 3/4		3 3/4	3 3/4	3 3/4
4	91,129 4	101,983 4	112,427 4	121,971 4	131,514 4	141,035 4		4	4	4
4 1/4	91,355 4 1/4	102,209 4 1/4	112,626 4 1/4	122,169 4 1/4	131,713 4 1/4	141,223 4 1/4		4 1/4	4 1/4	4 1/4
4 1/2	91,581 4 1/2	102,435 4 1/2	112,825 4 1/2	122,368 4 1/2	131,912 4 1/2	141,411 4 1/2		4 1/2	4 1/2	4 1/2
4 3/4	91,808 4 3/4	102,661 4 3/4	113,024 4 3/4	122,567 4 3/4	132,110 4 3/4	141,577 4 3/4		4 3/4	4 3/4	4 3/4
5	92,034 5	102,887 5	113,222 5	122,766 5	132,309 5	141,742 5		5	5	5
5 1/4	92,260 5 1/4	103,113 5 1/4	113,421 5 1/4	122,965 5 1/4	132,508 5 1/4	141,908 5 1/4		5 1/4	5 1/4	5 1/4
5 1/2	92,486 5 1/2	103,339 5 1/2	113,620 5 1/2	123,164 5 1/2	132,707 5 1/2	142,074 5 1/2		5 1/2	5 1/2	5 1/2
5 3/4	92,712 5 3/4	103,565 5 3/4	113,819 5 3/4	123,362 5 3/4	132,906 5 3/4	142,217 5 3/4		5 3/4	5 3/4	5 3/4
6	92,938 6	103,792 6	114,018 6	123,561 6	133,105 6	142,361 6		6	6	6
6 1/4	93,164 6 1/4	104,018 6 1/4	114,217 6 1/4	123,760 6 1/4	133,303 6 1/4	142,504 6 1/4		6 1/4	6 1/4	6 1/4
6 1/2	93,390 6 1/2	104,244 6 1/2	114,415 6 1/2	123,959 6 1/2	133,502 6 1/2	142,648 6 1/2		6 1/2	6 1/2	6 1/2
6 3/4	93,616 6 3/4	104,470 6 3/4	114,614 6 3/4	124,158 6 3/4	133,701 6 3/4	142,770 6 3/4		6 3/4	6 3/4	6 3/4
7	93,843 7	104,696 7	114,813 7	124,356 7	133,900 7	142,891 7		7	7	7
7 1/4	94,069 7 1/4	104,922 7 1/4	115,012 7 1/4	124,555 7 1/4	134,099 7 1/4	143,013 7 1/4		7 1/4	7 1/4	7 1/4
7 1/2	94,295 7 1/2	105,148 7 1/2	115,211 7 1/2	124,754 7 1/2	134,298 7 1/2	143,134 7 1/2		7 1/2	7 1/2	7 1/2
7 3/4	94,521 7 3/4	105,374 7 3/4	115,410 7 3/4	124,953 7 3/4	134,496 7 3/4	143,233 7 3/4		7 3/4	7 3/4	7 3/4
8	94,747 8	105,600 8	115,608 8	125,152 8	134,695 8	143,333 8		8	8	8
8 1/4	94,973 8 1/4	105,827 8 1/4	115,807 8 1/4	125,351 8 1/4	134,894 8 1/4	143,432 8 1/4		8 1/4	8 1/4	8 1/4
8 1/2	95,199 8 1/2	106,053 8 1/2	116,006 8 1/2	125,549 8 1/2	135,093 8 1/2	143,532 8 1/2		8 1/2	8 1/2	8 1/2
8 3/4	95,425 8 3/4	106,279 8 3/4	116,205 8 3/4	125,748 8 3/4	135,292 8 3/4	143,609 8 3/4		8 3/4	8 3/4	8 3/4
9	95,651 9	106,505 9	116,404 9	125,947 9	135,490 9	143,686 9		9	9	9
9 1/4	95,878 9 1/4	106,731 9 1/4	116,602 9 1/4	126,146 9 1/4	135,689 9 1/4	143,764 9 1/4		9 1/4	9 1/4	9 1/4
9 1/2	96,104 9 1/2	106,957 9 1/2	116,801 9 1/2	126,345 9 1/2	135,888 9 1/2	143,841 9 1/2		9 1/2	9 1/2	9 1/2
9 3/4	96,330 9 3/4	107,183 9 3/4	117,000 9 3/4	126,544 9 3/4	136,087 9 3/4	143,896 9 3/4		9 3/4	9 3/4	9 3/4
10	96,556 10	107,409 10	117,199 10	126,742 10	136,286 10	143,951 10		10	10	10
10 1/4	96,782 10 1/4	107,636 10 1/4	117,398 10 1/4	126,941 10 1/4	136,485 10 1/4	144,007 10 1/4		10 1/4	10 1/4	10 1/4
10 1/2	97,008 10 1/2	107,862 10 1/2	117,597 10 1/2	127,140 10 1/2	136,683 10 1/2	144,062 10 1/2		10 1/2	10 1/2	10 1/2
10 3/4	97,234 10 3/4	108,088 10 3/4	117,795 10 3/4	127,339 10 3/4	136,882 10 3/4	144,095 10 3/4		10 3/4	10 3/4	10 3/4
11	97,460 11	108,314 11	117,994 11	127,538 11	137,081 11	144,128 11		11	11	11
11 1/4	97,687 11 1/4	108,540 11 1/4	118,193 11 1/4	127,736 11 1/4	137,280 11 1/4	144,161 11 1/4		11 1/4	11 1/4	11 1/4
11 1/2	97,913 11 1/2	108,766 11 1/2	118,392 11 1/2	127,935 11 1/2	137,479 11 1/2	144,194 11 1/2		11 1/2	11 1/2	11 1/2
11 3/4	98,139 11 3/4	108,992 11 3/4	118,591 11 3/4	128,134 11 3/4	137,677 11 3/4	144,203 11 3/4		11 3/4	11 3/4	11 3/4

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

STRAPPE: 12/19/91

CHAS. MARTIN CORPORATION

BARGE "B-1015"

INGRAM OHIO BARGE LINES

COMPANY OF INDIANAPOLIS

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

HULL NO. 1584

IN.	0 FEET	1 FEET	2 FEET	3 FEET	4 FEET	5 FEET	6 FEET	7 FEET	FEET
0	494	11,401	22,507	33,175	44,081	54,986	65,896	76,804	CONTINUED ON SHEET NO. 2
1/4	721	11,629	22,533	33,400	44,308	55,216	66,123	77,031	
1/2	948	11,856	22,760	33,628	44,535	55,443	66,350	77,258	
3/4	1,176	12,083	22,986	33,853	44,763	55,670	66,578	77,485	
1	1,403	12,310	23,212	34,082	44,990	55,897	66,805	77,712	
1 1/4	1,630	12,538	23,439	34,309	45,217	56,125	67,032	77,940	
1 1/2	1,857	12,765	23,665	34,537	45,444	56,352	67,259	78,167	
1 3/4	2,084	12,992	23,892	34,764	45,672	56,579	67,487	78,394	
2	2,312	13,219	24,118	34,991	45,899	56,806	67,714	78,621	
2 1/4	2,539	13,447	24,344	35,218	46,126	57,034	67,941	78,849	
2 1/2	2,766	13,674	24,571	35,446	46,353	57,261	68,168	79,076	
2 3/4	2,993	13,901	24,797	35,673	46,580	57,488	68,396	79,303	
3	3,221	14,128	25,023	35,900	46,808	57,715	68,623	79,530	
3 1/4	3,448	14,355	25,250	36,127	47,035	57,943	68,850	79,758	
3 1/2	3,675	14,583	25,476	36,355	47,262	58,170	69,077	79,985	
3 3/4	3,902	14,810	25,702	36,582	47,489	58,397	69,305	80,212	
4	4,130	15,037	25,929	36,809	47,717	58,624	69,532	80,439	
4 1/4	4,357	15,264	26,155	37,036	47,944	58,851	69,759	80,667	
4 1/2	4,584	15,492	26,381	37,264	48,171	59,079	69,986	80,894	
4 3/4	4,811	15,719	26,608	37,491	48,398	59,306	70,214	81,121	
5	5,039	15,946	26,834	37,718	48,626	59,533	70,441	81,348	
5 1/4	5,266	16,173	27,060	37,945	48,853	59,760	70,668	81,576	
5 1/2	5,493	16,401	27,287	38,173	49,080	59,988	70,895	81,803	
5 3/4	5,720	16,628	27,513	38,400	49,307	60,215	71,122	82,030	
6	5,948	16,855	27,739	38,627	49,535	60,442	71,350	82,257	
6 1/4	6,175	17,082	27,966	38,854	49,762	60,669	71,577	82,485	
6 1/2	6,402	17,310	28,192	39,082	49,989	60,897	71,804	82,712	
6 3/4	6,629	17,537	28,418	39,309	50,216	61,124	72,031	82,939	
7	6,857	17,764	28,645	39,536	50,444	61,351	72,259	83,166	
7 1/4	7,084	17,991	28,871	39,763	50,671	61,578	72,486	83,394	
7 1/2	7,311	18,219	29,097	39,990	50,898	61,806	72,713	83,621	
7 3/4	7,538	18,446	29,324	40,218	51,125	62,033	72,940	83,848	
8	7,766	18,673	29,550	40,445	51,353	62,260	73,168	84,075	
8 1/4	7,993	18,900	29,776	40,672	51,580	62,487	73,395	84,302	
8 1/2	8,220	19,128	30,003	40,899	51,807	62,715	73,622	84,530	
8 3/4	8,447	19,355	30,229	41,127	52,034	62,942	73,849	84,757	
9	8,674	19,582	30,455	41,354	52,261	63,169	74,077	84,984	
9 1/4	8,902	19,809	30,682	41,581	52,489	63,396	74,304	85,211	
9 1/2	9,129	20,037	30,908	41,808	52,716	63,624	74,531	85,439	
9 3/4	9,356	20,264	31,134	42,035	52,943	63,851	74,758	85,667	
10	9,583	20,491	31,361	42,263	53,170	64,078	74,986	85,895	
10 1/4	9,811	20,718	31,587	42,490	53,398	64,305	75,213	86,122	
10 1/2	10,038	20,945	31,813	42,717	53,625	64,533	75,440	86,348	
10 3/4	10,265	21,173	32,040	42,945	53,852	64,760	75,667	86,575	
11	10,492	21,400	32,266	43,172	54,079	64,987	75,895	86,802	
11 1/4	10,720	21,627	32,492	43,399	54,307	65,214	76,122	87,029	
11 1/2	10,947	21,854	32,719	43,626	54,534	65,441	76,349	87,257	
11 3/4	11,174	22,081	32,946	43,854	54,761	65,669	76,576	87,484	

*CAPACITY BELOW STRIKE POINT.

GAUGE HEIGHT: 14'-11 1/2" (RIM OF HATCH OPPOSITE HINGE)

STRAPPED: 12/19/91

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

CHAS. MARTIN & CO. INDIANAPOLIS, IN.

BARGE "B-1015"

INGRAM OHIO BARGE LINES

FEET NO. 2 OF 2
 HULL NUMBER: **2**

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

HULL NO. 1584

IN.	8 FEET	9 FEET	10 FEET	11 FEET	12 FEET	13 FEET	14 FEET	FEET	IN.	FEET
0	87,711	98,619	109,526	120,434	131,341	142,249	149,710	0	0	0
1/4	87,936	98,846	109,753	120,661	131,569	142,476	149,723	1/4	1/4	1/4
1/2	88,166	99,073	109,981	120,886	131,796	142,705	149,735	1/2	1/2	1/2
3/4	88,392	99,200	110,208	121,116	132,022	142,931	149,748	3/4	3/4	3/4
1	88,620	99,328	110,435	121,343	132,250	143,158	149,761	1	1	1
1 1/4	88,847	99,455	110,662	121,570	132,478	143,385	149,774	1 1/4	1 1/4	1 1/4
1 1/2	89,075	99,582	110,890	121,797	132,705	143,612	149,787	1 1/2	1 1/2	1 1/2
1 3/4	89,302	99,709	111,117	122,024	132,932	143,840	149,800	1 3/4	1 3/4	1 3/4
2	89,529	100,457	111,344	122,252	133,159	144,067	149,813	2	2	2
2 1/4	89,756	100,684	111,571	122,479	133,387	144,294	149,826	2 1/4	2 1/4	2 1/4
2 1/2	89,984	100,911	111,799	122,706	133,614	144,521	149,839	2 1/2	2 1/2	2 1/2
2 3/4	90,211	101,138	112,026	122,933	133,841	144,749	149,852	2 3/4	2 3/4	2 3/4
3	90,438	101,366	112,253	123,161	134,068	144,976	149,865	3	3	3
3 1/4	90,665	101,593	112,480	123,388	134,295	145,203	149,878	3 1/4	3 1/4	3 1/4
3 1/2	90,892	101,820	112,708	123,615	134,522	145,430	149,891	3 1/2	3 1/2	3 1/2
3 3/4	91,120	102,047	112,935	123,842	134,750	145,658	149,904	3 3/4	3 3/4	3 3/4
4	91,347	102,274	113,162	124,070	134,977	145,885	149,917	4	4	4
4 1/4	91,574	102,501	113,389	124,297	135,204	146,112	149,930	4 1/4	4 1/4	4 1/4
4 1/2	91,801	102,728	113,617	124,524	135,432	146,340	149,943	4 1/2	4 1/2	4 1/2
4 3/4	92,029	102,955	113,844	124,751	135,659	146,567	149,956	4 3/4	4 3/4	4 3/4
5	92,256	103,182	114,071	124,979	135,886	146,795	149,969	5	5	5
5 1/4	92,483	103,409	114,298	125,206	136,113	147,022	149,982	5 1/4	5 1/4	5 1/4
5 1/2	92,710	103,636	114,526	125,433	136,341	147,250	149,995	5 1/2	5 1/2	5 1/2
5 3/4	92,938	103,863	114,753	125,660	136,568	147,477	149,998	5 3/4	5 3/4	5 3/4
6	93,165	104,090	114,980	125,888	136,795	147,705	149,998	6	6	6
6 1/4	93,392	104,317	115,207	126,115	137,022	147,932	149,998	6 1/4	6 1/4	6 1/4
6 1/2	93,619	104,544	115,434	126,342	137,250	148,160	149,998	6 1/2	6 1/2	6 1/2
6 3/4	93,847	104,771	115,662	126,569	137,477	148,387	149,998	6 3/4	6 3/4	6 3/4
7	94,074	105,000	115,889	126,797	137,704	148,615	149,998	7	7	7
7 1/4	94,301	105,227	116,116	127,024	137,931	148,842	149,998	7 1/4	7 1/4	7 1/4
7 1/2	94,528	105,454	116,343	127,251	138,159	149,070	149,998	7 1/2	7 1/2	7 1/2
7 3/4	94,756	105,681	116,571	127,478	138,386	149,297	149,998	7 3/4	7 3/4	7 3/4
8	94,983	105,908	116,798	127,706	138,613	149,524	149,998	8	8	8
8 1/4	95,210	106,135	117,025	127,933	138,840	149,751	149,998	8 1/4	8 1/4	8 1/4
8 1/2	95,437	106,362	117,252	128,160	139,068	149,978	149,998	8 1/2	8 1/2	8 1/2
8 3/4	95,665	106,589	117,480	128,387	139,295	150,205	149,998	8 3/4	8 3/4	8 3/4
9	95,892	106,816	117,707	128,614	139,522	150,432	149,998	9	9	9
9 1/4	96,119	107,043	117,934	128,842	139,749	150,659	149,998	9 1/4	9 1/4	9 1/4
9 1/2	96,346	107,270	118,161	129,069	139,977	150,886	149,998	9 1/2	9 1/2	9 1/2
9 3/4	96,573	107,497	118,389	129,296	140,204	151,113	149,998	9 3/4	9 3/4	9 3/4
10	96,801	107,724	118,616	129,523	140,431	151,340	149,998	10	10	10
10 1/4	97,028	107,951	118,843	129,751	140,658	151,567	149,998	10 1/4	10 1/4	10 1/4
10 1/2	97,255	108,178	119,070	129,978	140,885	151,794	149,998	10 1/2	10 1/2	10 1/2
10 3/4	97,482	108,405	119,298	130,205	141,112	152,021	149,998	10 3/4	10 3/4	10 3/4
11	97,710	108,632	119,525	130,432	141,340	152,248	149,998	11	11	11
11 1/4	97,937	108,859	119,752	130,660	141,567	152,475	149,998	11 1/4	11 1/4	11 1/4
11 1/2	98,164	109,086	119,979	130,887	141,794	152,702	149,998	11 1/2	11 1/2	11 1/2
11 3/4	98,391	109,313	120,207	131,114	142,022	152,929	149,998	11 3/4	11 3/4	11 3/4

CAPACITY IN: U.S. GALLONS

GAUGE HEIGHT: 14'-11 1/2" (RIM OF HATCH OPPOSITE HINGE)

STRAPPED: 12/19/91

S. Davis
 CHAS. MARTIN CORPORATION

BARGE "B-1015"

INGRAM OHIO BARGE LINES

SHEET NO. 1 OF 2
 TANK NUMBER:
3

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

HULL NO. 1584

0 FEET	1 FEET	2 FEET	3 FEET	4 FEET	5 FEET	6 FEET	7 FEET	8 FEET
IN. 0	IN. 0	IN. 0	IN. 0	IN. 0	IN. 0	IN. 0	IN. 0	IN. 0
1,288	13,278	25,269	37,259	49,249	61,239	73,229	85,219	97,209
1,536	13,526	25,516	37,506	49,496	61,486	73,476	85,466	97,456
1,784	13,774	25,764	37,754	49,744	61,734	73,724	85,714	97,704
2,032	14,022	26,012	38,002	49,992	61,982	73,972	85,962	97,952
2,280	14,270	26,260	38,250	50,240	62,230	74,220	86,210	98,200
2,528	14,518	26,508	38,498	50,488	62,478	74,468	86,458	98,448
2,776	14,766	26,756	38,746	50,736	62,726	74,716	86,706	98,696
3,024	15,014	27,004	39,004	50,994	62,984	74,974	86,964	98,954
3,272	15,262	27,252	39,252	51,242	63,232	75,222	87,212	99,202
3,520	15,510	27,500	39,500	51,490	63,480	75,470	87,460	99,450
3,768	15,758	27,748	39,748	51,738	63,728	75,720	87,710	99,698
4,016	16,006	28,006	40,006	52,006	64,006	76,006	88,006	100,006
4,264	16,254	28,254	40,254	52,254	64,254	76,254	88,254	100,254
4,512	16,502	28,502	40,502	52,502	64,502	76,502	88,502	100,502
4,760	16,750	28,750	40,750	52,750	64,750	76,750	88,750	100,750
5,008	17,008	29,008	41,008	53,008	65,008	77,008	89,008	101,008
5,256	17,256	29,256	41,256	53,256	65,256	77,256	89,256	101,256
5,504	17,504	29,504	41,504	53,504	65,504	77,504	89,504	101,504
5,752	17,752	29,752	41,752	53,752	65,752	77,752	89,752	101,752
6,000	18,000	30,000	42,000	54,000	66,000	78,000	90,000	102,000
6,248	18,248	30,248	42,248	54,248	66,248	78,248	90,248	102,248
6,496	18,496	30,496	42,496	54,496	66,496	78,496	90,496	102,496
6,744	18,744	30,744	42,744	54,744	66,744	78,744	90,744	102,744
6,992	19,000	31,000	43,000	55,000	67,000	79,000	91,000	103,000
7,240	19,248	31,248	43,248	55,248	67,248	79,248	91,248	103,248
7,488	19,496	31,496	43,496	55,496	67,496	79,496	91,496	103,496
7,736	19,744	31,744	43,744	55,744	67,744	79,744	91,744	103,744
7,984	20,000	32,000	44,000	56,000	68,000	80,000	92,000	104,000
8,232	20,248	32,248	44,248	56,248	68,248	80,248	92,248	104,248
8,480	20,496	32,496	44,496	56,496	68,496	80,496	92,496	104,496
8,728	20,744	32,744	44,744	56,744	68,744	80,744	92,744	104,744
8,976	21,000	33,000	45,000	57,000	69,000	81,000	93,000	105,000
9,224	21,248	33,248	45,248	57,248	69,248	81,248	93,248	105,248
9,472	21,496	33,496	45,496	57,496	69,496	81,496	93,496	105,496
9,720	21,744	33,744	45,744	57,744	69,744	81,744	93,744	105,744
9,968	22,000	34,000	46,000	58,000	70,000	82,000	94,000	106,000
10,216	22,248	34,248	46,248	58,248	70,248	82,248	94,248	106,248
10,464	22,496	34,496	46,496	58,496	70,496	82,496	94,496	106,496
10,712	22,744	34,744	46,744	58,744	70,744	82,744	94,744	106,744
10,960	23,000	35,000	47,000	59,000	71,000	83,000	95,000	107,000
11,208	23,248	35,248	47,248	59,248	71,248	83,248	95,248	107,248
11,456	23,496	35,496	47,496	59,496	71,496	83,496	95,496	107,496
11,704	23,744	35,744	47,744	59,744	71,744	83,744	95,744	107,744
11,952	24,000	36,000	48,000	60,000	72,000	84,000	96,000	108,000
12,200	24,248	36,248	48,248	60,248	72,248	84,248	96,248	108,248
12,448	24,496	36,496	48,496	60,496	72,496	84,496	96,496	108,496
12,696	24,744	36,744	48,744	60,744	72,744	84,744	96,744	108,744
12,944	25,000	37,000	49,000	61,000	73,000	85,000	97,000	109,000
13,192	25,248	37,248	49,248	61,248	73,248	85,248	97,248	109,248
13,440	25,496	37,496	49,496	61,496	73,496	85,496	97,496	109,496
13,688	25,744	37,744	49,744	61,744	73,744	85,744	97,744	109,744
13,936	26,000	38,000	50,000	62,000	74,000	86,000	98,000	110,000
14,184	26,248	38,248	50,248	62,248	74,248	86,248	98,248	110,248
14,432	26,496	38,496	50,496	62,496	74,496	86,496	98,496	110,496
14,680	26,744	38,744	50,744	62,744	74,744	86,744	98,744	110,744
14,928	27,000	39,000	51,000	63,000	75,000	87,000	99,000	111,000
15,176	27,248	39,248	51,248	63,248	75,248	87,248	99,248	111,248
15,424	27,496	39,496	51,496	63,496	75,496	87,496	99,496	111,496
15,672	27,744	39,744	51,744	63,744	75,744	87,744	99,744	111,744
15,920	28,000	40,000	52,000	64,000	76,000	88,000	100,000	112,000
16,168	28,248	40,248	52,248	64,248	76,248	88,248	100,248	112,248
16,416	28,496	40,496	52,496	64,496	76,496	88,496	100,496	112,496
16,664	28,744	40,744	52,744	64,744	76,744	88,744	100,744	112,744
16,912	29,000	41,000	53,000	65,000	77,000	89,000	101,000	113,000
17,160	29,248	41,248	53,248	65,248	77,248	89,248	101,248	113,248
17,408	29,496	41,496	53,496	65,496	77,496	89,496	101,496	113,496
17,656	29,744	41,744	53,744	65,744	77,744	89,744	101,744	113,744
17,904	30,000	42,000	54,000	66,000	78,000	90,000	102,000	114,000
18,152	30,248	42,248	54,248	66,248	78,248	90,248	102,248	114,248
18,400	30,496	42,496	54,496	66,496	78,496	90,496	102,496	114,496
18,648	30,744	42,744	54,744	66,744	78,744	90,744	102,744	114,744
18,896	31,000	43,000	55,000	67,000	79,000	91,000	103,000	115,000
19,144	31,248	43,248	55,248	67,248	79,248	91,248	103,248	115,248
19,392	31,496	43,496	55,496	67,496	79,496	91,496	103,496	115,496
19,640	31,744	43,744	55,744	67,744	79,744	91,744	103,744	115,744
19,888	32,000	44,000	56,000	68,000	80,000	92,000	104,000	116,000
20,136	32,248	44,248	56,248	68,248	80,248	92,248	104,248	116,248
20,384	32,496	44,496	56,496	68,496	80,496	92,496	104,496	116,496
20,632	32,744	44,744	56,744	68,744	80,744	92,744	104,744	116,744
20,880	33,000	45,000	57,000	69,000	81,000	93,000	105,000	117,000
21,128	33,248	45,248	57,248	69,248	81,248	93,248	105,248	117,248
21,376	33,496	45,496	57,496	69,496	81,496	93,496	105,496	117,496
21,624	33,744	45,744	57,744	69,744	81,744	93,744	105,744	117,744
21,872	34,000	46,000	58,000	70,000	82,000	94,000	106,000	118,000
22,120	34,248	46,248	58,248	70,248	82,248	94,248	106,248	118,248
22,368	34,496	46,496	58,496	70,496	82,496	94,496	106,496	118,496
22,616	34,744	46,744	58,744	70,744	82,744	94,744	106,744	118,744
22,864	35,000	47,000	59,000	71,000	83,000	95,000	107,000	119,000
23,112	35,248	47,248	59,248	71,248	83,248	95,248	107,248	119,248
23,360	35,496	47,496	59,496	71,496	83,496	95,496	107,496	119,496
23,608	35,744	47,744	59,744	71,744	83,744	95,744	107,744	119,744
23,856	36,000	48,000	60,000	72,000	84,000	96,000	108,000	120,000
24,104	36,248	48,248	60,248	72,248	84,248	96,248	108,248	120,248
24,352	36,496	48,496	60,496	72,496	84,496	96,496	108,496	120,496
24,600	36,744	48,744	60,744	72,744	84,744	96,744	108,744	120,744
24,848	37,000	49,000	61,000	73,000	85,000	97,000	109,000	121,000
25,096	37,248	49,248	61,248	73,248	85,248	97,248	109,248	121,248
25,344	37,496	49,496	61,496	73,496	85,496	97,496	109,496	121,496
25,592	37,744	49,744	61,744	73,744	85,744	97,744	109,744	121,744
25,840	38,000	50,000	62,000	74,000	86,000	98,000	110,000	122,000
26,088	38,248	50,248	62,248	74,248	86,248	98,248	110,248	122,248
26,336	38,496	50,496	62,496	74,496	86,496	98,496	110,496	122,496
26,584	38,744							

Chas. MARTIN

A
COMPANY OF



BARGE "IB 1015"

INGRAM 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 1/2"	(-) 0'-0 3/8"
2'-0"	(-) 0'-0 7/8"	(-) 0'-0 5/8"	(-) 0'-0 1/2"
2'-6"	(-) 0'-1"	(-) 0'-0 3/4"	(-) 0'-0 5/8"
3'-0"	(-) 0'-1 1/4"	(-) 0'-0 7/8"	(-) 0'-0 3/4"
3'-6"	(-) 0'-1 1/2"	(-) 0'-1"	(-) 0'-0 7/8"
4'-0"	(-) 0'-1 5/8"	(-) 0'-1 1/8"	(-) 0'-1"
4'-6"	(-) 0'-1 7/8"	(-) 0'-1 3/8"	(-) 0'-1 1/8"
5'-0"	(-) 0'-2 1/8"	(-) 0'-1 1/2"	(-) 0'-1 1/4"

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: 12/19/91