

Chas. MARTIN



# BARGE "IB 1024"

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: 

DATE: 9/9/92

Chas. MARTIN

COMPANY OF INSPECTORATE

# BARGE "IB 1024"

INGRAM BARGE LINES

SHEET NO. 1 OF 2  
TANK NUMBER: 1

HULL NO. 1594

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		FEET	
IN.	1/2	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4
1,393	1,619	1,845	2,070	2,296	2,522	2,747	2,973	3,199	3,424	3,650	3,876	4,101	4,327	4,553	4,778	5,004	5,230
12,222	12,448	12,673	12,899	13,124	13,350	13,576	13,801	14,027	14,252	14,478	14,703	14,929	15,154	15,380	15,606	15,831	16,057
23,044	23,269	23,494	23,719	23,943	24,168	24,393	24,618	24,843	25,067	25,292	25,517	25,742	25,966	26,191	26,416	26,641	26,865
33,838	34,063	34,289	34,514	34,740	34,966	35,191	35,417	35,642	35,868	36,093	36,319	36,544	36,770	37,000	37,221	37,447	37,672
44,664	44,890	45,115	45,341	45,566	45,792	46,017	46,243	46,469	46,694	46,920	47,145	47,371	47,596	47,822	48,047	48,273	48,499
55,491	55,716	55,942	56,167	56,393	56,618	56,844	57,069	57,295	57,521	57,746	57,972	58,197	58,423	58,648	58,874	59,099	59,325
66,317	66,543	66,768	66,994	67,219	67,445	67,670	67,896	68,121	68,347	68,572	68,798	69,024	69,249	69,475	69,700	69,926	70,151
77,143	77,369	77,594	77,820	78,046	78,271	78,497	78,722	78,948	79,173	79,399	79,624	79,850	80,076	80,301	80,527	80,752	80,978
81,203	81,429	81,654	81,880	82,105	82,331	82,557	82,782	83,008	83,233	83,459	83,684	83,910	84,135	84,361	84,587	84,812	85,038
88,459	88,684	88,909	89,135	89,361	89,587	89,812	90,038	90,263	90,489	90,714	90,940	91,165	91,391	91,616	91,842	92,068	92,293
92,518	92,743	92,968	93,193	93,418	93,643	93,868	94,093	94,318	94,543	94,768	94,993	95,218	95,443	95,668	95,893	96,118	96,343
100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000

CAPACITY IN U.S. GALLONS

GAUGE HEIGHT: 14'-11 1/2" (TO TOP OF BALL VALVE HATCH)

STRAPPED: 9/9/92

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 CORPORATION



# BARGE "IB 1024"

INGRAM BARGE LINES

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

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

HULL NO. 1594

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
266	266	22,027	32,866	43,747	54,628	65,509	76,390	86,271
1/4	1/4	11,147	22,253	33,093	43,974	54,855	65,736	76,617
1/2	1/2	11,574	22,479	33,519	44,200	55,081	65,962	76,843
3/4	3/4	11,600	22,479	33,519	44,200	55,081	65,962	76,843
IN. 1	IN. 1	11,827	33,546	44,227	55,308	66,189	77,070	87,951
1/4	1/4	11,735	22,930	33,773	44,654	55,535	66,416	77,297
1/2	1/2	11,599	23,156	33,999	44,880	55,761	66,642	77,523
3/4	3/4	11,626	23,382	34,226	45,107	55,988	66,869	77,750
IN. 2	IN. 2	12,734	23,608	34,453	45,334	56,215	67,096	77,977
1/4	1/4	1,053	23,833	34,679	45,560	56,441	67,322	78,204
1/2	1/2	2,080	24,059	34,906	45,787	56,668	67,549	78,430
3/4	3/4	2,536	24,285	35,133	46,014	56,895	67,776	78,657
IN. 3	IN. 3	2,760	24,511	35,359	46,241	57,122	68,003	78,884
1/4	1/4	2,986	24,737	35,586	46,467	57,348	68,229	79,110
1/2	1/2	3,213	24,962	35,813	46,694	57,575	68,456	79,337
3/4	3/4	3,440	25,188	36,040	46,921	57,802	68,683	79,564
IN. 4	IN. 4	3,666	25,414	36,266	47,147	58,028	68,909	79,790
1/4	1/4	3,893	25,640	36,493	47,374	58,255	69,136	80,017
1/2	1/2	4,120	25,866	36,720	47,601	58,482	69,363	80,244
3/4	3/4	4,346	26,091	36,946	47,827	58,708	69,589	80,470
IN. 5	IN. 5	4,573	26,317	37,173	48,054	58,935	69,816	80,697
1/4	1/4	4,800	26,543	37,400	48,281	59,162	70,043	80,924
1/2	1/2	5,026	26,769	37,626	48,507	59,388	70,269	81,150
3/4	3/4	5,253	26,995	37,853	48,734	59,615	70,496	81,377
IN. 6	IN. 6	5,480	27,220	38,080	48,961	59,842	70,723	81,604
1/4	1/4	5,707	27,446	38,306	49,187	60,068	70,950	81,831
1/2	1/2	5,933	27,672	38,533	49,414	60,295	71,176	82,057
3/4	3/4	6,160	27,898	38,760	49,641	60,522	71,403	82,284
IN. 7	IN. 7	6,387	28,123	38,986	49,867	60,749	71,630	82,511
1/4	1/4	6,613	28,349	39,213	50,094	60,975	71,856	82,737
1/2	1/2	6,840	28,575	39,440	50,321	61,202	72,083	82,964
3/4	3/4	7,067	28,801	39,667	50,548	61,429	72,310	83,191
IN. 8	IN. 8	7,293	29,027	39,893	50,774	61,655	72,536	83,417
1/4	1/4	7,520	29,252	40,120	51,001	61,882	72,763	83,644
1/2	1/2	7,747	29,478	40,347	51,228	62,109	72,990	83,871
3/4	3/4	7,973	29,704	40,573	51,454	62,335	73,216	84,097
IN. 9	IN. 9	8,200	29,930	40,800	51,681	62,562	73,443	84,324
1/4	1/4	8,427	30,156	41,027	51,908	62,789	73,670	84,551
1/2	1/2	8,653	30,381	41,253	52,134	63,015	73,896	84,777
3/4	3/4	8,880	30,607	41,480	52,361	63,242	74,123	85,004
IN. 10	IN. 10	9,107	30,833	41,707	52,588	63,469	74,350	85,231
1/4	1/4	9,334	31,059	41,933	52,814	63,695	74,577	85,458
1/2	1/2	9,560	31,284	42,160	53,041	63,922	74,803	85,684
3/4	3/4	9,787	31,510	42,387	53,268	64,149	75,030	85,911
IN. 11	IN. 11	10,014	31,736	42,614	53,495	64,376	75,257	86,138
1/4	1/4	10,240	31,962	42,840	53,721	64,602	75,483	86,364
1/2	1/2	10,467	32,188	43,067	53,948	64,829	75,710	86,591
3/4	3/4	10,694	32,413	43,294	54,175	65,056	75,937	86,818

CAPACITY IN: U.S. GALLONS

GAUGE HEIGHT: 15'-1 1/4" (TO TOP OF BALL VALVE HATCH)

STRAPPED: 9/9/92

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CHAS. MARTIN CORPORATION

# BARGE "IB 1024"

INGRAM BARGE LINES

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

HULL NO. 1594

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

8 FEET	9 FEET	10 FEET	11 FEET	12 FEET	13 FEET	14 FEET	FEET	FEET
IN. 87,044 0	IN. 87,925 0	IN. 108,806 0	IN. 119,687 0	IN. 130,568 0	IN. 141,449 0	IN. 149,295 0	IN. 149,295 0	IN. 149,295 0
1/2 87,271 1/4	1/2 88,152 1/4	1/2 109,033 1/4	1/2 119,914 1/4	1/2 130,795 1/4	1/2 141,676 1/4	1/2 149,353 1/4	1/2 149,353 1/4	1/2 149,353 1/4
3/4 87,724 3/4	3/4 98,605 3/4	3/4 109,486 3/4	3/4 120,367 3/4	3/4 131,249 3/4	3/4 142,130 3/4	3/4 149,358 3/4	3/4 149,358 3/4	3/4 149,358 3/4
1 87,951 1	1 98,832 1	1 109,713 1	1 120,594 1	1 131,475 1	1 142,356 1	1 149,371 1	1 149,371 1	1 149,371 1
1/4 88,178 1/4	1/4 99,059 1/4	1/4 109,940 1/4	1/4 120,821 1/4	1/4 131,702 1/4	1/4 142,583 1/4	1/4 149,384 1/4	1/4 149,384 1/4	1/4 149,384 1/4
1/2 88,404 1/2	1/2 99,286 1/2	1/2 110,167 1/2	1/2 121,048 1/2	1/2 131,929 1/2	1/2 142,810 1/2	1/2 149,384 1/2	1/2 149,384 1/2	1/2 149,384 1/2
3/4 88,631 3/4	3/4 99,512 3/4	3/4 110,393 3/4	3/4 121,274 3/4	3/4 132,155 3/4	3/4 143,036 3/4	3/4 149,384 3/4	3/4 149,384 3/4	3/4 149,384 3/4
2 88,858 2	2 99,739 2	2 110,620 2	2 121,501 2	2 132,382 2	2 143,263 2	2 149,384 2	2 149,384 2	2 149,384 2
1/4 89,085 1/4	1/4 99,966 1/4	1/4 110,847 1/4	1/4 121,728 1/4	1/4 132,609 1/4	1/4 143,490 1/4	1/4 149,384 1/4	1/4 149,384 1/4	1/4 149,384 1/4
1/2 89,311 1/2	1/2 100,192 1/2	1/2 111,073 1/2	1/2 121,954 1/2	1/2 132,835 1/2	1/2 143,716 1/2	1/2 149,384 1/2	1/2 149,384 1/2	1/2 149,384 1/2
3/4 89,538 3/4	3/4 100,419 3/4	3/4 111,300 3/4	3/4 122,181 3/4	3/4 133,062 3/4	3/4 143,943 3/4	3/4 149,384 3/4	3/4 149,384 3/4	3/4 149,384 3/4
3 89,765 3	3 100,646 3	3 111,527 3	3 122,408 3	3 133,289 3	3 144,170 3	3 149,384 3	3 149,384 3	3 149,384 3
1/4 89,991 1/4	1/4 100,872 1/4	1/4 111,753 1/4	1/4 122,634 1/4	1/4 133,515 1/4	1/4 144,396 1/4	1/4 149,384 1/4	1/4 149,384 1/4	1/4 149,384 1/4
1/2 90,218 1/2	1/2 101,099 1/2	1/2 111,980 1/2	1/2 122,861 1/2	1/2 133,742 1/2	1/2 144,623 1/2	1/2 149,384 1/2	1/2 149,384 1/2	1/2 149,384 1/2
3/4 90,445 3/4	3/4 101,326 3/4	3/4 112,207 3/4	3/4 123,088 3/4	3/4 133,969 3/4	3/4 144,850 3/4	3/4 149,384 3/4	3/4 149,384 3/4	3/4 149,384 3/4
4 90,671 4	4 101,552 4	4 112,433 4	4 123,314 4	4 134,195 4	4 145,076 4	4 149,384 4	4 149,384 4	4 149,384 4
1/4 90,898 1/4	1/4 101,779 1/4	1/4 112,660 1/4	1/4 123,541 1/4	1/4 134,422 1/4	1/4 145,303 1/4	1/4 149,384 1/4	1/4 149,384 1/4	1/4 149,384 1/4
1/2 91,125 1/2	1/2 102,006 1/2	1/2 112,887 1/2	1/2 123,768 1/2	1/2 134,649 1/2	1/2 145,530 1/2	1/2 149,384 1/2	1/2 149,384 1/2	1/2 149,384 1/2
3/4 91,351 3/4	3/4 102,232 3/4	3/4 113,113 3/4	3/4 123,994 3/4	3/4 134,876 3/4	3/4 145,757 3/4	3/4 149,384 3/4	3/4 149,384 3/4	3/4 149,384 3/4
5 91,578 5	5 102,459 5	5 113,340 5	5 124,221 5	5 135,102 5	5 145,984 5	5 149,384 5	5 149,384 5	5 149,384 5
1/4 91,805 1/4	1/4 102,686 1/4	1/4 113,567 1/4	1/4 124,448 1/4	1/4 135,329 1/4	1/4 146,211 1/4	1/4 149,384 1/4	1/4 149,384 1/4	1/4 149,384 1/4
1/2 92,031 1/2	1/2 102,913 1/2	1/2 113,794 1/2	1/2 124,675 1/2	1/2 135,556 1/2	1/2 146,438 1/2	1/2 149,384 1/2	1/2 149,384 1/2	1/2 149,384 1/2
3/4 92,258 3/4	3/4 103,139 3/4	3/4 114,020 3/4	3/4 124,901 3/4	3/4 135,782 3/4	3/4 146,665 3/4	3/4 149,384 3/4	3/4 149,384 3/4	3/4 149,384 3/4
6 92,485 6	6 103,366 6	6 114,247 6	6 125,128 6	6 136,009 6	6 146,892 6	6 149,384 6	6 149,384 6	6 149,384 6
1/4 92,712 1/4	1/4 103,593 1/4	1/4 114,474 1/4	1/4 125,355 1/4	1/4 136,236 1/4	1/4 147,119 1/4	1/4 149,384 1/4	1/4 149,384 1/4	1/4 149,384 1/4
1/2 92,938 1/2	1/2 103,819 1/2	1/2 114,700 1/2	1/2 125,581 1/2	1/2 136,462 1/2	1/2 147,346 1/2	1/2 149,384 1/2	1/2 149,384 1/2	1/2 149,384 1/2
3/4 93,165 3/4	3/4 104,046 3/4	3/4 114,927 3/4	3/4 125,808 3/4	3/4 136,689 3/4	3/4 147,573 3/4	3/4 149,384 3/4	3/4 149,384 3/4	3/4 149,384 3/4
7 93,392 7	7 104,273 7	7 115,154 7	7 126,035 7	7 136,916 7	7 147,800 7	7 149,384 7	7 149,384 7	7 149,384 7
1/4 93,618 1/4	1/4 104,499 1/4	1/4 115,380 1/4	1/4 126,261 1/4	1/4 137,142 1/4	1/4 148,027 1/4	1/4 149,384 1/4	1/4 149,384 1/4	1/4 149,384 1/4
1/2 93,845 1/2	1/2 104,726 1/2	1/2 115,607 1/2	1/2 126,488 1/2	1/2 137,369 1/2	1/2 148,254 1/2	1/2 149,384 1/2	1/2 149,384 1/2	1/2 149,384 1/2
3/4 94,072 3/4	3/4 104,953 3/4	3/4 115,834 3/4	3/4 126,715 3/4	3/4 137,596 3/4	3/4 148,481 3/4	3/4 149,384 3/4	3/4 149,384 3/4	3/4 149,384 3/4
8 94,298 8	8 105,179 8	8 116,060 8	8 126,941 8	8 137,822 8	8 148,708 8	8 149,384 8	8 149,384 8	8 149,384 8
1/4 94,525 1/4	1/4 105,406 1/4	1/4 116,287 1/4	1/4 127,168 1/4	1/4 138,049 1/4	1/4 148,935 1/4	1/4 149,384 1/4	1/4 149,384 1/4	1/4 149,384 1/4
1/2 94,752 1/2	1/2 105,633 1/2	1/2 116,514 1/2	1/2 127,395 1/2	1/2 138,276 1/2	1/2 149,162 1/2	1/2 149,384 1/2	1/2 149,384 1/2	1/2 149,384 1/2
3/4 94,978 3/4	3/4 105,859 3/4	3/4 116,740 3/4	3/4 127,622 3/4	3/4 138,503 3/4	3/4 149,389 3/4	3/4 149,384 3/4	3/4 149,384 3/4	3/4 149,384 3/4
9 95,205 9	9 106,086 9	9 116,967 9	9 127,848 9	9 138,729 9	9 149,616 9	9 149,384 9	9 149,384 9	9 149,384 9
1/4 95,432 1/4	1/4 106,313 1/4	1/4 117,194 1/4	1/4 128,075 1/4	1/4 138,956 1/4	1/4 149,843 1/4	1/4 149,384 1/4	1/4 149,384 1/4	1/4 149,384 1/4
1/2 95,658 1/2	1/2 106,540 1/2	1/2 117,421 1/2	1/2 128,302 1/2	1/2 139,183 1/2	1/2 150,070 1/2	1/2 149,384 1/2	1/2 149,384 1/2	1/2 149,384 1/2
3/4 95,885 3/4	3/4 106,766 3/4	3/4 117,647 3/4	3/4 128,528 3/4	3/4 139,409 3/4	3/4 150,297 3/4	3/4 149,384 3/4	3/4 149,384 3/4	3/4 149,384 3/4
10 96,112 10	10 106,993 10	10 117,874 10	10 128,755 10	10 139,636 10	10 150,524 10	10 149,384 10	10 149,384 10	10 149,384 10
1/4 96,339 1/4	1/4 107,220 1/4	1/4 118,101 1/4	1/4 128,982 1/4	1/4 139,863 1/4	1/4 150,751 1/4	1/4 149,384 1/4	1/4 149,384 1/4	1/4 149,384 1/4
1/2 96,565 1/2	1/2 107,446 1/2	1/2 118,327 1/2	1/2 129,208 1/2	1/2 140,089 1/2	1/2 150,978 1/2	1/2 149,384 1/2	1/2 149,384 1/2	1/2 149,384 1/2
3/4 96,792 3/4	3/4 107,673 3/4	3/4 118,554 3/4	3/4 129,435 3/4	3/4 140,316 3/4	3/4 151,205 3/4	3/4 149,384 3/4	3/4 149,384 3/4	3/4 149,384 3/4
11 97,019 11	11 107,900 11	11 118,781 11	11 129,662 11	11 140,543 11	11 151,432 11	11 149,384 11	11 149,384 11	11 149,384 11
1/4 97,245 1/4	1/4 108,126 1/4	1/4 119,007 1/4	1/4 129,888 1/4	1/4 140,769 1/4	1/4 151,659 1/4	1/4 149,384 1/4	1/4 149,384 1/4	1/4 149,384 1/4
1/2 97,472 1/2	1/2 108,353 1/2	1/2 119,234 1/2	1/2 130,115 1/2	1/2 140,996 1/2	1/2 151,886 1/2	1/2 149,384 1/2	1/2 149,384 1/2	1/2 149,384 1/2
3/4 97,699 3/4	3/4 108,580 3/4	3/4 119,461 3/4	3/4 130,342 3/4	3/4 141,223 3/4	3/4 152,113 3/4	3/4 149,384 3/4	3/4 149,384 3/4	3/4 149,384 3/4

CAPACITY IN: U.S. GALLONS

GAUGE HEIGHT: 15'-1 1/4" (TO TOP OF BALL VALVE HATCH)

STRAPPED: 9/9/92

CHAS. MARTIN CORPORATION

# BARGE "IB 1024"

INGRAM BARGE LINES

SHEET NO. 1 OF 2  
 TANK NUMBER:

**3**

HULL NO. 1594

0 FEET	1 FEET	2 FEET	3 FEET	4 FEET	5 FEET	6 FEET	7 FEET	FEET
IN. 1,041	13,067	25,092	37,117	49,142	61,168	73,193	85,218	0
1/4 1,292	13,317	25,342	37,368	49,393	61,418	73,443	85,469	1/4 0
1/2 1,542	13,568	25,593	37,618	49,643	61,669	73,694	85,719	1/2 1/4
3/4 1,793	13,818	25,843	37,869	49,894	61,919	73,944	85,970	3/4 1/2
1 2,044	14,069	26,094	38,119	50,145	62,170	74,195	86,220	1 1/4
1 1/4 2,294	14,319	26,345	38,370	50,395	62,420	74,446	86,471	1 1/2 1/4
1 1/2 2,545	14,570	26,595	38,620	50,646	62,671	74,696	86,721	1 3/4 1/2
1 3/4 2,795	14,820	26,846	38,871	50,896	62,921	74,947	86,972	2 1/4 3/4
2 3,046	15,071	27,096	39,121	51,147	63,172	75,197	87,222	2 1/2 1/4
2 1/4 3,296	15,321	27,347	39,372	51,397	63,422	75,448	87,473	3 1/4 1/2
2 1/2 3,547	15,572	27,597	39,622	51,648	63,673	75,698	87,723	3 1/2 1/4
3 3,797	15,822	27,848	39,873	51,898	63,923	75,949	87,974	4 1/4 3/4
3 1/4 4,048	16,073	28,098	40,123	52,149	64,174	76,199	88,224	4 1/2 1/4
3 1/2 4,298	16,324	28,349	40,374	52,399	64,424	76,450	88,475	5 1/4 3/4
4 4,549	16,574	28,599	40,625	52,650	64,675	76,700	88,726	5 1/2 1/4
4 1/4 4,799	16,825	28,850	40,875	52,900	64,926	76,951	88,976	6 1/4 3/4
4 1/2 5,050	17,075	29,100	41,126	53,151	65,176	77,201	89,227	6 1/2 1/4
5 5,300	17,326	29,351	41,376	53,401	65,427	77,452	89,477	7 1/4 3/4
5 1/4 5,551	17,576	29,602	41,627	53,652	65,677	77,702	89,728	7 1/2 1/4
5 1/2 5,801	17,827	29,852	41,877	53,902	65,928	77,953	89,978	8 1/4 3/4
5 3/4 6,052	18,077	30,102	42,128	54,153	66,178	78,203	90,229	8 1/2 1/4
6 6,302	18,328	30,353	42,378	54,403	66,429	78,454	90,479	9 1/4 3/4
6 1/4 6,553	18,578	30,603	42,629	54,654	66,679	78,704	90,730	9 1/2 1/4
6 1/2 6,804	18,829	30,854	42,879	54,905	66,930	78,955	90,980	10 1/4 3/4
6 3/4 7,054	19,079	31,105	43,130	55,155	67,180	79,206	91,231	10 1/2 1/4
7 7,305	19,330	31,355	43,380	55,406	67,431	79,456	91,481	11 1/4 3/4
7 1/4 7,555	19,580	31,606	43,631	55,656	67,681	79,707	91,732	11 1/2 1/4
7 1/2 7,806	19,831	31,856	43,881	55,907	67,932	79,957	91,982	12 1/4 3/4
7 3/4 8,056	20,081	32,107	44,132	56,157	68,182	80,208	92,233	12 1/2 1/4
8 8,307	20,332	32,357	44,382	56,408	68,433	80,458	92,483	13 1/4 3/4
8 1/4 8,557	20,582	32,608	44,633	56,658	68,683	80,709	92,734	13 1/2 1/4
8 1/2 8,808	20,833	32,858	44,883	56,909	68,934	80,959	92,984	14 1/4 3/4
8 3/4 9,058	21,083	33,109	45,134	57,159	69,184	81,210	93,235	14 1/2 1/4
9 9,309	21,334	33,359	45,385	57,410	69,435	81,460	93,486	15 1/4 3/4
9 1/4 9,559	21,585	33,610	45,635	57,660	69,686	81,711	93,736	15 1/2 1/4
9 1/2 9,810	21,835	33,860	45,886	57,911	69,936	81,961	93,987	16 1/4 3/4
9 3/4 10,060	22,086	34,111	46,136	58,161	70,187	82,212	94,237	16 1/2 1/4
10 10,311	22,336	34,361	46,387	58,412	70,437	82,462	94,488	17 1/4 3/4
10 1/4 10,561	22,587	34,612	46,637	58,662	70,688	82,713	94,738	17 1/2 1/4
10 1/2 10,812	22,837	34,862	46,888	58,913	70,938	82,963	94,989	18 1/4 3/4
10 3/4 11,062	23,088	35,113	47,138	59,163	71,189	83,214	95,239	18 1/2 1/4
11 11,313	23,338	35,363	47,389	59,414	71,439	83,464	95,490	19 1/4 3/4
11 1/4 11,564	23,589	35,614	47,639	59,665	71,690	83,715	95,740	19 1/2 1/4
11 1/2 11,814	23,839	35,865	47,890	59,915	71,940	83,966	95,991	20 1/4 3/4
11 3/4 12,065	24,090	36,115	48,140	60,166	72,191	84,216	96,241	20 1/2 1/4
12 12,315	24,340	36,366	48,391	60,416	72,441	84,467	96,492	21 1/4 3/4
12 1/4 12,566	24,591	36,616	48,641	60,667	72,692	84,717	96,742	21 1/2 1/4
12 1/2 12,816	24,841	36,867	48,892	60,917	72,942	84,968	96,993	22 1/4 3/4

CAPACITY IN: U.S. GALLONS

GAUGE HEIGHT: 15'-0 1/4" (TO TOP OF BALL VALVE HATCH)

STRAPPED: 9/9/92

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 CORPORATION

# BARGE "IB 1024"

INGRAM BARGE LINES

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

HULL NO. 1594

SHEET NO. 2 OF 2  
 TANK NUMBER:  
**3**

8 FEET	9 FEET	10 FEET	11 FEET	12 FEET	13 FEET	14 FEET	FEET	FEET
IN. 97,243 0	IN. 109,269 0	IN. 121,294 0	IN. 133,227 0	IN. 144,754 0	IN. 155,869 0	IN. 162,967 0	IN.	IN.
1/4 97,494 1/4	1/4 109,519 1/4	1/4 121,544 1/4	1/4 133,473 1/4	1/4 144,991 1/4	1/4 156,098 1/4	1/4 162,980 1/4	1/4	1/4
1/2 97,744 1/2	1/2 109,770 1/2	1/2 121,795 1/2	1/2 133,716 1/2	1/2 145,225 1/2	1/2 156,328 1/2	1/2	1/2	1/2
3/4 97,995 3/4	3/4 110,020 3/4	3/4 122,045 3/4	3/4 133,959 3/4	3/4 145,459 3/4	3/4 156,557 3/4	3/4	3/4	3/4
1 98,246 1	1 110,271 1	1 122,296 1	1 134,202 1	1 145,693 1	1 156,786 1	1	1	1
1/4 98,496 1/4	1/4 110,521 1/4	1/4 122,547 1/4	1/4 134,445 1/4	1/4 145,927 1/4	1/4 157,016 1/4	1/4	1/4	1/4
1/2 98,747 1/2	1/2 110,772 1/2	1/2 122,797 1/2	1/2 134,688 1/2	1/2 146,160 1/2	1/2 157,245 1/2	1/2	1/2	1/2
3/4 98,997 3/4	3/4 111,022 3/4	3/4 123,048 3/4	3/4 134,931 3/4	3/4 146,394 3/4	3/4 157,474 3/4	3/4	3/4	3/4
2 99,248 2	2 111,273 2	2 123,298 2	2 135,174 2	2 146,628 2	2 157,704 2	2	2	2
1/4 99,498 1/4	1/4 111,523 1/4	1/4 123,549 1/4	1/4 135,417 1/4	1/4 146,862 1/4	1/4 157,933 1/4	1/4	1/4	1/4
1/2 99,749 1/2	1/2 111,774 1/2	1/2 123,799 1/2	1/2 135,660 1/2	1/2 147,096 1/2	1/2 158,163 1/2	1/2	1/2	1/2
3/4 99,999 3/4	3/4 112,024 3/4	3/4 124,050 3/4	3/4 135,903 3/4	3/4 147,330 3/4	3/4 158,392 3/4	3/4	3/4	3/4
3 100,250 3	3 112,275 3	3 124,300 3	3 136,146 3	3 147,564 3	3 158,621 3	3	3	3
1/4 100,500 1/4	1/4 112,525 1/4	1/4 124,551 1/4	1/4 136,389 1/4	1/4 147,798 1/4	1/4 158,851 1/4	1/4	1/4	1/4
1/2 100,751 1/2	1/2 112,776 1/2	1/2 124,801 1/2	1/2 136,632 1/2	1/2 148,032 1/2	1/2 159,067 1/2	1/2	1/2	1/2
3/4 101,001 3/4	3/4 113,027 3/4	3/4 125,052 3/4	3/4 136,875 3/4	3/4 148,266 3/4	3/4 159,284 3/4	3/4	3/4	3/4
4 101,252 4	4 113,277 4	4 125,302 4	4 137,118 4	4 148,500 4	4 159,501 4	4	4	4
1/4 101,502 1/4	1/4 113,528 1/4	1/4 125,553 1/4	1/4 137,361 1/4	1/4 148,734 1/4	1/4 159,717 1/4	1/4	1/4	1/4
1/2 101,753 1/2	1/2 113,778 1/2	1/2 125,802 1/2	1/2 137,601 1/2	1/2 148,964 1/2	1/2 159,909 1/2	1/2	1/2	1/2
3/4 102,003 3/4	3/4 114,029 3/4	3/4 126,051 3/4	3/4 137,841 3/4	3/4 149,195 3/4	3/4 160,100 3/4	3/4	3/4	3/4
5 102,254 5	5 114,279 5	5 126,300 5	5 138,081 5	5 149,426 5	5 160,291 5	5	5	5
1/4 102,504 1/4	1/4 114,530 1/4	1/4 126,549 1/4	1/4 138,320 1/4	1/4 149,657 1/4	1/4 160,482 1/4	1/4	1/4	1/4
1/2 102,755 1/2	1/2 114,780 1/2	1/2 126,798 1/2	1/2 138,560 1/2	1/2 149,888 1/2	1/2 160,678 1/2	1/2	1/2	1/2
3/4 103,005 3/4	3/4 115,031 3/4	3/4 127,047 3/4	3/4 138,800 3/4	3/4 150,119 3/4	3/4 160,813 3/4	3/4	3/4	3/4
6 103,256 6	6 115,281 6	6 127,296 6	6 139,040 6	6 150,350 6	6 160,979 6	6	6	6
1/4 103,507 1/4	1/4 115,532 1/4	1/4 127,545 1/4	1/4 139,280 1/4	1/4 150,581 1/4	1/4 161,145 1/4	1/4	1/4	1/4
1/2 103,757 1/2	1/2 115,782 1/2	1/2 127,794 1/2	1/2 139,520 1/2	1/2 150,812 1/2	1/2 161,285 1/2	1/2	1/2	1/2
3/4 104,008 3/4	3/4 116,033 3/4	3/4 128,043 3/4	3/4 139,760 3/4	3/4 151,043 3/4	3/4 161,425 3/4	3/4	3/4	3/4
7 104,258 7	7 116,283 7	7 128,292 7	7 140,000 7	7 151,273 7	7 161,565 7	7	7	7
1/4 104,509 1/4	1/4 116,534 1/4	1/4 128,541 1/4	1/4 140,240 1/4	1/4 151,504 1/4	1/4 161,705 1/4	1/4	1/4	1/4
1/2 104,759 1/2	1/2 116,784 1/2	1/2 128,790 1/2	1/2 140,480 1/2	1/2 151,735 1/2	1/2 161,820 1/2	1/2	1/2	1/2
3/4 105,010 3/4	3/4 117,035 3/4	3/4 129,039 3/4	3/4 140,720 3/4	3/4 151,966 3/4	3/4 161,935 3/4	3/4	3/4	3/4
8 105,260 8	8 117,285 8	8 129,288 8	8 140,960 8	8 152,197 8	8 162,049 8	8	8	8
1/4 105,511 1/4	1/4 117,536 1/4	1/4 129,537 1/4	1/4 141,200 1/4	1/4 152,428 1/4	1/4 162,164 1/4	1/4	1/4	1/4
1/2 105,761 1/2	1/2 117,787 1/2	1/2 129,783 1/2	1/2 141,437 1/2	1/2 152,657 1/2	1/2 162,253 1/2	1/2	1/2	1/2
3/4 106,012 3/4	3/4 118,037 3/4	3/4 130,029 3/4	3/4 141,674 3/4	3/4 152,887 3/4	3/4 162,343 3/4	3/4	3/4	3/4
9 106,262 9	9 118,288 9	9 130,279 9	9 141,911 9	9 153,116 9	9 162,432 9	9	9	9
1/4 106,513 1/4	1/4 118,538 1/4	1/4 130,521 1/4	1/4 142,148 1/4	1/4 153,345 1/4	1/4 162,521 1/4	1/4	1/4	1/4
1/2 106,763 1/2	1/2 118,789 1/2	1/2 130,767 1/2	1/2 142,385 1/2	1/2 153,575 1/2	1/2 162,585 1/2	1/2	1/2	1/2
3/4 107,014 3/4	3/4 119,039 3/4	3/4 131,013 3/4	3/4 142,622 3/4	3/4 153,804 3/4	3/4 162,648 3/4	3/4	3/4	3/4
10 107,264 10	10 119,290 10	10 131,259 10	10 142,858 10	10 154,034 10	10 162,712 10	10	10	10
1/4 107,515 1/4	1/4 119,540 1/4	1/4 131,505 1/4	1/4 143,095 1/4	1/4 154,263 1/4	1/4 162,776 1/4	1/4	1/4	1/4
1/2 107,765 1/2	1/2 119,791 1/2	1/2 131,751 1/2	1/2 143,332 1/2	1/2 154,492 1/2	1/2 162,814 1/2	1/2	1/2	1/2
3/4 108,016 3/4	3/4 120,041 3/4	3/4 131,997 3/4	3/4 143,569 3/4	3/4 154,722 3/4	3/4 162,852 3/4	3/4	3/4	3/4
11 108,267 11	11 120,292 11	11 132,243 11	11 143,806 11	11 154,951 11	11 162,891 11	11	11	11
1/4 108,517 1/4	1/4 120,542 1/4	1/4 132,489 1/4	1/4 144,043 1/4	1/4 155,181 1/4	1/4 162,929 1/4	1/4	1/4	1/4
1/2 108,768 1/2	1/2 120,793 1/2	1/2 132,735 1/2	1/2 144,280 1/2	1/2 155,410 1/2	1/2 162,942 1/2	1/2	1/2	1/2
3/4 109,018 3/4	3/4 121,043 3/4	3/4 132,981 3/4	3/4 144,517 3/4	3/4 155,639 3/4	3/4 162,954 3/4	3/4	3/4	3/4

CAPACITY IN: U.S. GALLONS

GAUGE HEIGHT: 15'-0 1/4" (TO TOP OF BALL VALVE HATCH)

STRAPPED 9/9/92

CHAS. MARTIN CORPORATION