

Chas. MARTIN



A
COMPANY OF

INSPECTORATE

BARGE "IB 1023"

INGRAM BARGE LINES

CORRECTION TABLE FOR TRIM AFT.			
FOR INNAGE GAUGES ONLY			
TRIM	TANK NO. 1	TANK NO. 2	TANK NO. 3
0'-6"	NIL	(-) 0'-0 3/8"	NIL
1'-0"	NIL	(-) 0'-0 5/8"	NIL
1'-6"	NIL	(-) 0'-1"	NIL
2'-0"	NIL	(-) 0'-1 3/8"	NIL
2'-6"	NIL	(-) 0'-1 5/8"	(+) 0'-0 1/8"
3'-0"	NIL	(-) 0'-2"	(+) 0'-0 1/8"
3'-6"	NIL	(-) 0'-2 3/8"	(+) 0'-0 1/8"
4'-0"	NIL	(-) 0'-2 3/4"	(+) 0'-0 1/8"
4'-6"	NIL	(-) 0'-3"	(+) 0'-0 1/8"
5'-0"	NIL	(-) 0'-3 3/8"	(+) 0'-0 1/8"

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: 9/21/92

Chas. MARTIN

INSPECTORATE

BARGE "B 1023"

INGRAM BARGE LINES

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

SHEET NO. 1 OF 2
TANK NUMBER: 1

HULL NO. 1593

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
11,345	11,571	11,797	12,023	12,249	12,475	12,702	12,928	13,154
492	718	944	1,170	1,396	1,622	1,849	2,075	2,301
10,853	10,667	10,441	10,215	9,989	9,763	9,537	9,311	9,084
10,893	10,667	10,441	10,215	9,989	9,763	9,537	9,311	9,084
11,119	10,893	10,667	10,441	10,215	9,989	9,763	9,537	9,311
11,345	11,069	10,843	10,617	10,391	10,165	9,939	9,713	9,487
22,195	22,420	22,645	22,871	23,096	23,321	23,546	23,772	23,997
33,009	33,235	33,461	33,687	33,913	34,138	34,364	34,589	34,815
43,860	44,086	44,312	44,538	44,764	44,990	45,216	45,442	45,668
54,710	54,936	55,162	55,388	55,614	55,840	56,066	56,292	56,518
65,561	65,787	66,013	66,239	66,465	66,691	66,917	67,143	67,369
76,411	76,637	76,864	77,090	77,316	77,542	77,768	77,994	78,220
87,262	87,488	87,714	87,940	88,166	88,392	88,618	88,844	89,070
98,113	98,339	98,565	98,791	99,017	99,243	99,469	99,695	99,921
108,964	109,190	109,416	109,642	109,868	110,094	110,320	110,546	110,772
119,815	120,041	120,267	120,493	120,719	120,945	121,171	121,397	121,623
130,666	130,892	131,118	131,344	131,570	131,796	132,022	132,248	132,474
141,517	141,743	141,969	142,195	142,421	142,647	142,873	143,099	143,325
152,368	152,594	152,820	153,046	153,272	153,498	153,724	153,950	154,176
163,219	163,445	163,671	163,897	164,123	164,349	164,575	164,801	165,027
174,070	174,296	174,522	174,748	174,974	175,200	175,426	175,652	175,878
184,921	185,147	185,373	185,599	185,825	186,051	186,277	186,503	186,729
195,772	195,998	196,224	196,450	196,676	196,902	197,128	197,354	197,580
206,623	206,849	207,075	207,301	207,527	207,753	207,979	208,205	208,431
217,474	217,700	217,926	218,152	218,378	218,604	218,830	219,056	219,282
228,325	228,551	228,777	229,003	229,229	229,455	229,681	229,907	230,133
239,176	239,402	239,628	239,854	240,080	240,306	240,532	240,758	240,984
250,027	250,253	250,479	250,705	250,931	251,157	251,383	251,609	251,835
260,878	261,104	261,330	261,556	261,782	262,008	262,234	262,460	262,686
271,729	271,955	272,181	272,407	272,633	272,859	273,085	273,311	273,537
282,580	282,806	283,032	283,258	283,484	283,710	283,936	284,162	284,388
293,431	293,657	293,883	294,109	294,335	294,561	294,787	295,013	295,239
304,282	304,508	304,734	304,960	305,186	305,412	305,638	305,864	306,090
315,133	315,359	315,585	315,811	316,037	316,263	316,489	316,715	316,941
325,984	326,210	326,436	326,662	326,888	327,114	327,340	327,566	327,792
336,835	337,061	337,287	337,513	337,739	337,965	338,191	338,417	338,643
347,686	347,912	348,138	348,364	348,590	348,816	349,042	349,268	349,494
358,537	358,763	358,989	359,215	359,441	359,667	359,893	360,119	360,345
369,388	369,614	369,840	370,066	370,292	370,518	370,744	370,970	371,196
380,239	380,465	380,691	380,917	381,143	381,369	381,595	381,821	382,047
391,090	391,316	391,542	391,768	391,994	392,220	392,446	392,672	392,898
401,941	402,167	402,393	402,619	402,845	403,071	403,297	403,523	403,749
412,792	413,018	413,244	413,470	413,696	413,922	414,148	414,374	414,600
423,643	423,869	424,095	424,321	424,547	424,773	424,999	425,225	425,451
434,494	434,720	434,946	435,172	435,398	435,624	435,850	436,076	436,302
445,345	445,571	445,797	446,023	446,249	446,475	446,701	446,927	447,153
456,196	456,422	456,648	456,874	457,100	457,326	457,552	457,778	458,004
467,047	467,273	467,499	467,725	467,951	468,177	468,403	468,629	468,855
477,898	478,124	478,350	478,576	478,802	479,028	479,254	479,480	479,706
488,749	488,975	489,201	489,427	489,653	489,879	490,105	490,331	490,557
499,600	499,826	500,052	500,278	500,504	500,730	500,956	501,182	501,408
510,451	510,677	510,903	511,129	511,355	511,581	511,807	512,033	512,259
521,302	521,528	521,754	521,980	522,206	522,432	522,658	522,884	523,110
532,153	532,379	532,605	532,831	533,057	533,283	533,509	533,735	533,961
543,004	543,230	543,456	543,682	543,908	544,134	544,360	544,586	544,812
553,855	554,081	554,307	554,533	554,759	554,985	555,211	555,437	555,663
564,706	564,932	565,158	565,384	565,610	565,836	566,062	566,288	566,514
575,557	575,783	576,009	576,235	576,461	576,687	576,913	577,139	577,365
586,408	586,634	586,860	587,086	587,312	587,538	587,764	587,990	588,216
597,259	597,485	597,711	597,937	598,163	598,389	598,615	598,841	599,067
608,110	608,336	608,562	608,788	609,014	609,240	609,466	609,692	609,918
618,961	619,187	619,413	619,639	619,865	620,091	620,317	620,543	620,769
629,812	629,038	629,264	629,490	629,716	629,942	630,168	630,394	630,620
640,663	640,889	641,115	641,341	641,567	641,793	642,019	642,245	642,471
651,514	651,740	651,966	652,192	652,418	652,644	652,870	653,096	653,322
662,365	662,591	662,817	663,043	663,269	663,495	663,721	663,947	664,173
673,216	673,442	673,668	673,894	674,120	674,346	674,572	674,798	675,024
684,067	684,293	684,519	684,745	684,971	685,197	685,423	685,649	685,875
694,918	695,144	695,370	695,596	695,822	696,048	696,274	696,500	696,726
705,769	705,995	706,221	706,447	706,673	706,899	707,125	707,351	707,577
716,620	716,846	717,072	717,298	717,524	717,750	717,976	718,202	718,428
727,471	727,697	727,923	728,149	728,375	728,601	728,827	729,053	729,279
738,322	738,548	738,774	738,999	739,225	739,451	739,677	739,903	740,129
749,173	749,399	749,625	749,851	750,077	750,303	750,529	750,755	750,981
760,024	760,250	760,476	760,702	760,928	761,154	761,380	761,606	761,832
770,875	771,101	771,327	771,553	771,779	772,005	772,231	772,457	772,683
781,726	781,952	782,178	782,404	782,630	782,856	783,082	783,308	783,534
792,577	792,803	793,029	793,255	793,481	793,707	793,933	794,159	794,385
803,428	803,654	803,880	804,106	804,332	804,558	804,784	805,010	805,236
814,279	814,505	814,731	814,957	815,183	815,409	815,635	815,861	816,087
825,130	825,356	825,582	825,808	826,034	826,260	826,486	826,712	826,938
835,981	836,207	836,433	836,659	836,885	837,111	837,337	837,563	837,789
846,832	847,058	847,284	847,510	847,736	847,962	848,188	848,414	848,640
857,683	857,909	858,135	858,361	858,587	858,813	859,039	859,265	859,491
868,534	868,760	868,986	869,212	869,438	869,664	869,890	870,116	870,342
879,385	879,611	879,837	880,063	880,289	880,515	880,741	880,967	881,193
890,236	890,462	890,688	890,914	891,140	891,366	891,592	891,818	892,044
901,087	901,313	901,539	901,765	901,991	902,217	902,443	902,669	902,895
911,938	912,164	912,390	912,616	912,842	913,068	913,294	913,520	913,746
922,789	923,015	923,241	923,467	923,693	923,919	924,145	924,371	924,597
933,640	933,866	934,092	934,318	934,544	934,770	934,996	935,222	935,448
944,491	944,717	944,943	945,169	945,395	945,621	945,847	946,073	946,299
955,342	955,568	955,794	956,020	956,246	956,472	956,698	956,924	957,150
966,193	966,419	966,645	966,871	967,097	967,323	967,549	967,775	968,001
977,044	977,270	977,496	977,722	977,948	978,174	978,400	978,626	978,852
987,895	988,121	988,347	988,573	988,799	989,025	989,251	989,477	989,703
998,746	998,972	999,198	999,424</					

BARGE "B 1023"

INGRAM BARGE LINES

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

HULL NO. 1593

SHEET NO. 2 OF 2
 TANK NUMBER:

1

8 FEET	9 FEET	10 FEET	11 FEET	12 FEET	13 FEET	14 FEET	FEET	FEET
IN. 87,262	IN. 87,262	IN. 87,262	IN. 87,262	IN. 87,262	IN. 87,262	IN. 87,262	IN. 87,262	IN. 87,262
0 87,262	0 87,262	0 87,262	0 87,262	0 87,262	0 87,262	0 87,262	0 87,262	0 87,262
1/4 87,488	1/4 87,488	1/4 87,488	1/4 87,488	1/4 87,488	1/4 87,488	1/4 87,488	1/4 87,488	1/4 87,488
1/2 87,714	1/2 87,714	1/2 87,714	1/2 87,714	1/2 87,714	1/2 87,714	1/2 87,714	1/2 87,714	1/2 87,714
3/4 87,940	3/4 87,940	3/4 87,940	3/4 87,940	3/4 87,940	3/4 87,940	3/4 87,940	3/4 87,940	3/4 87,940
1 88,166	1 88,166	1 88,166	1 88,166	1 88,166	1 88,166	1 88,166	1 88,166	1 88,166
1/4 88,392	1/4 88,392	1/4 88,392	1/4 88,392	1/4 88,392	1/4 88,392	1/4 88,392	1/4 88,392	1/4 88,392
1/2 88,618	1/2 88,618	1/2 88,618	1/2 88,618	1/2 88,618	1/2 88,618	1/2 88,618	1/2 88,618	1/2 88,618
3/4 88,844	3/4 88,844	3/4 88,844	3/4 88,844	3/4 88,844	3/4 88,844	3/4 88,844	3/4 88,844	3/4 88,844
2 89,070	2 89,070	2 89,070	2 89,070	2 89,070	2 89,070	2 89,070	2 89,070	2 89,070
1/4 89,297	1/4 89,297	1/4 89,297	1/4 89,297	1/4 89,297	1/4 89,297	1/4 89,297	1/4 89,297	1/4 89,297
1/2 89,523	1/2 89,523	1/2 89,523	1/2 89,523	1/2 89,523	1/2 89,523	1/2 89,523	1/2 89,523	1/2 89,523
3/4 89,749	3/4 89,749	3/4 89,749	3/4 89,749	3/4 89,749	3/4 89,749	3/4 89,749	3/4 89,749	3/4 89,749
3 89,975	3 89,975	3 89,975	3 89,975	3 89,975	3 89,975	3 89,975	3 89,975	3 89,975
1/4 90,201	1/4 90,201	1/4 90,201	1/4 90,201	1/4 90,201	1/4 90,201	1/4 90,201	1/4 90,201	1/4 90,201
1/2 90,427	1/2 90,427	1/2 90,427	1/2 90,427	1/2 90,427	1/2 90,427	1/2 90,427	1/2 90,427	1/2 90,427
3/4 90,653	3/4 90,653	3/4 90,653	3/4 90,653	3/4 90,653	3/4 90,653	3/4 90,653	3/4 90,653	3/4 90,653
4 90,879	4 90,879	4 90,879	4 90,879	4 90,879	4 90,879	4 90,879	4 90,879	4 90,879
1/4 91,105	1/4 91,105	1/4 91,105	1/4 91,105	1/4 91,105	1/4 91,105	1/4 91,105	1/4 91,105	1/4 91,105
1/2 91,331	1/2 91,331	1/2 91,331	1/2 91,331	1/2 91,331	1/2 91,331	1/2 91,331	1/2 91,331	1/2 91,331
3/4 91,557	3/4 91,557	3/4 91,557	3/4 91,557	3/4 91,557	3/4 91,557	3/4 91,557	3/4 91,557	3/4 91,557
5 91,783	5 91,783	5 91,783	5 91,783	5 91,783	5 91,783	5 91,783	5 91,783	5 91,783
1/4 92,009	1/4 92,009	1/4 92,009	1/4 92,009	1/4 92,009	1/4 92,009	1/4 92,009	1/4 92,009	1/4 92,009
1/2 92,235	1/2 92,235	1/2 92,235	1/2 92,235	1/2 92,235	1/2 92,235	1/2 92,235	1/2 92,235	1/2 92,235
3/4 92,461	3/4 92,461	3/4 92,461	3/4 92,461	3/4 92,461	3/4 92,461	3/4 92,461	3/4 92,461	3/4 92,461
6 92,687	6 92,687	6 92,687	6 92,687	6 92,687	6 92,687	6 92,687	6 92,687	6 92,687
1/4 92,913	1/4 92,913	1/4 92,913	1/4 92,913	1/4 92,913	1/4 92,913	1/4 92,913	1/4 92,913	1/4 92,913
1/2 93,139	1/2 93,139	1/2 93,139	1/2 93,139	1/2 93,139	1/2 93,139	1/2 93,139	1/2 93,139	1/2 93,139
3/4 93,365	3/4 93,365	3/4 93,365	3/4 93,365	3/4 93,365	3/4 93,365	3/4 93,365	3/4 93,365	3/4 93,365
7 93,592	7 93,592	7 93,592	7 93,592	7 93,592	7 93,592	7 93,592	7 93,592	7 93,592
1/4 93,818	1/4 93,818	1/4 93,818	1/4 93,818	1/4 93,818	1/4 93,818	1/4 93,818	1/4 93,818	1/4 93,818
1/2 94,044	1/2 94,044	1/2 94,044	1/2 94,044	1/2 94,044	1/2 94,044	1/2 94,044	1/2 94,044	1/2 94,044
3/4 94,270	3/4 94,270	3/4 94,270	3/4 94,270	3/4 94,270	3/4 94,270	3/4 94,270	3/4 94,270	3/4 94,270
8 94,496	8 94,496	8 94,496	8 94,496	8 94,496	8 94,496	8 94,496	8 94,496	8 94,496
1/4 94,722	1/4 94,722	1/4 94,722	1/4 94,722	1/4 94,722	1/4 94,722	1/4 94,722	1/4 94,722	1/4 94,722
1/2 94,948	1/2 94,948	1/2 94,948	1/2 94,948	1/2 94,948	1/2 94,948	1/2 94,948	1/2 94,948	1/2 94,948
3/4 95,174	3/4 95,174	3/4 95,174	3/4 95,174	3/4 95,174	3/4 95,174	3/4 95,174	3/4 95,174	3/4 95,174
9 95,400	9 95,400	9 95,400	9 95,400	9 95,400	9 95,400	9 95,400	9 95,400	9 95,400
1/4 95,626	1/4 95,626	1/4 95,626	1/4 95,626	1/4 95,626	1/4 95,626	1/4 95,626	1/4 95,626	1/4 95,626
1/2 95,852	1/2 95,852	1/2 95,852	1/2 95,852	1/2 95,852	1/2 95,852	1/2 95,852	1/2 95,852	1/2 95,852
3/4 96,078	3/4 96,078	3/4 96,078	3/4 96,078	3/4 96,078	3/4 96,078	3/4 96,078	3/4 96,078	3/4 96,078
10 96,304	10 96,304	10 96,304	10 96,304	10 96,304	10 96,304	10 96,304	10 96,304	10 96,304
1/4 96,530	1/4 96,530	1/4 96,530	1/4 96,530	1/4 96,530	1/4 96,530	1/4 96,530	1/4 96,530	1/4 96,530
1/2 96,756	1/2 96,756	1/2 96,756	1/2 96,756	1/2 96,756	1/2 96,756	1/2 96,756	1/2 96,756	1/2 96,756
3/4 96,982	3/4 96,982	3/4 96,982	3/4 96,982	3/4 96,982	3/4 96,982	3/4 96,982	3/4 96,982	3/4 96,982
11 97,208	11 97,208	11 97,208	11 97,208	11 97,208	11 97,208	11 97,208	11 97,208	11 97,208
1/4 97,434	1/4 97,434	1/4 97,434	1/4 97,434	1/4 97,434	1/4 97,434	1/4 97,434	1/4 97,434	1/4 97,434
1/2 97,661	1/2 97,661	1/2 97,661	1/2 97,661	1/2 97,661	1/2 97,661	1/2 97,661	1/2 97,661	1/2 97,661
3/4 97,887	3/4 97,887	3/4 97,887	3/4 97,887	3/4 97,887	3/4 97,887	3/4 97,887	3/4 97,887	3/4 97,887

STRAPPED: 9/21/92

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

CAPACITY IN: U. S. GALLONS

CHAS. MARTIN CORPORATION
Chas. Martin

Chas. MARTIN

COMPANY OF
INSPECTORATE

BARGE "IB 1023"

INGRAM BARGE LINES

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

HULL NO. 1593

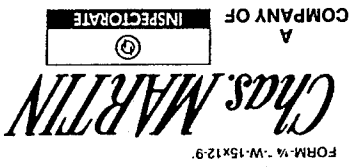
SHEET NO. 2 OF 2
TANK NUMBER:

2

8 FEET	9 FEET	10 FEET	11 FEET	12 FEET	13 FEET	14 FEET	FEET	FEET
IN. 87,880	IN. 88,780	IN. 89,681	IN. 90,582	IN. 91,483	IN. 92,384	IN. 93,285	IN. 94,186	IN. 95,087
1/4 88,107	1/4 89,008	1/4 89,909	1/4 90,810	1/4 91,711	1/4 92,612	1/4 93,513	1/4 94,414	1/4 95,315
1/2 88,534	1/2 89,435	1/2 90,336	1/2 91,237	1/2 92,138	1/2 93,039	1/2 93,940	1/2 94,841	1/2 95,742
3/4 88,561	3/4 89,462	3/4 90,363	3/4 91,264	3/4 92,165	3/4 93,066	3/4 93,967	3/4 94,868	3/4 95,769
1 88,788	1 89,689	1 90,590	1 91,491	1 92,392	1 93,293	1 94,194	1 95,095	1 95,996
1 1/4 89,015	1 1/4 89,916	1 1/4 90,817	1 1/4 91,718	1 1/4 92,619	1 1/4 93,520	1 1/4 94,421	1 1/4 95,322	1 1/4 96,223
1/2 89,242	1/2 89,143	1/2 89,044	1/2 88,945	1/2 88,846	1/2 88,747	1/2 88,648	1/2 88,549	1/2 88,450
3/4 89,470	3/4 89,371	3/4 89,272	3/4 89,173	3/4 89,074	3/4 88,975	3/4 88,876	3/4 88,777	3/4 88,678
2 89,697	2 89,598	2 89,499	2 89,400	2 89,301	2 89,202	2 89,103	2 89,004	2 88,905
2 1/4 89,924	2 1/4 89,825	2 1/4 89,726	2 1/4 89,627	2 1/4 89,528	2 1/4 89,429	2 1/4 89,330	2 1/4 89,231	2 1/4 89,132
1/2 90,151	1/2 90,052	1/2 89,953	1/2 89,854	1/2 89,755	1/2 89,656	1/2 89,557	1/2 89,458	1/2 89,359
3/4 90,378	3/4 90,279	3/4 90,180	3/4 90,081	3/4 89,982	3/4 89,883	3/4 89,784	3/4 89,685	3/4 89,586
3 90,605	3 90,506	3 90,407	3 90,308	3 90,209	3 90,110	3 90,011	3 89,912	3 89,813
3 1/4 90,832	3 1/4 90,733	3 1/4 90,634	3 1/4 90,535	3 1/4 90,436	3 1/4 90,337	3 1/4 90,238	3 1/4 90,139	3 1/4 90,040
1/2 91,059	1/2 90,960	1/2 90,861	1/2 90,762	1/2 90,663	1/2 90,564	1/2 90,465	1/2 90,366	1/2 90,267
3/4 91,286	3/4 91,187	3/4 91,088	3/4 90,989	3/4 90,890	3/4 90,791	3/4 90,692	3/4 90,593	3/4 90,494
4 91,513	4 91,414	4 91,315	4 91,216	4 91,117	4 91,018	4 90,919	4 90,820	4 90,721
4 1/4 91,740	4 1/4 91,641	4 1/4 91,542	4 1/4 91,443	4 1/4 91,344	4 1/4 91,245	4 1/4 91,146	4 1/4 91,047	4 1/4 90,948
1/2 91,968	1/2 91,869	1/2 91,770	1/2 91,671	1/2 91,572	1/2 91,473	1/2 91,374	1/2 91,275	1/2 91,176
3/4 92,195	3/4 92,096	3/4 91,997	3/4 91,898	3/4 91,799	3/4 91,700	3/4 91,601	3/4 91,502	3/4 91,403
5 92,422	5 92,323	5 92,224	5 92,125	5 92,026	5 91,927	5 91,828	5 91,729	5 91,630
5 1/4 92,649	5 1/4 92,550	5 1/4 92,451	5 1/4 92,352	5 1/4 92,253	5 1/4 92,154	5 1/4 92,055	5 1/4 91,956	5 1/4 91,857
1/2 92,876	1/2 92,777	1/2 92,678	1/2 92,579	1/2 92,480	1/2 92,381	1/2 92,282	1/2 92,183	1/2 92,084
3/4 93,103	3/4 93,004	3/4 92,905	3/4 92,806	3/4 92,707	3/4 92,608	3/4 92,509	3/4 92,410	3/4 92,311
6 93,330	6 93,231	6 93,132	6 93,033	6 92,934	6 92,835	6 92,736	6 92,637	6 92,538
6 1/4 93,557	6 1/4 93,458	6 1/4 93,359	6 1/4 93,260	6 1/4 93,161	6 1/4 93,062	6 1/4 92,963	6 1/4 92,864	6 1/4 92,765
1/2 93,784	1/2 93,685	1/2 93,586	1/2 93,487	1/2 93,388	1/2 93,289	1/2 93,190	1/2 93,091	1/2 92,992
3/4 94,011	3/4 93,912	3/4 93,813	3/4 93,714	3/4 93,615	3/4 93,516	3/4 93,417	3/4 93,318	3/4 93,219
7 94,238	7 94,139	7 94,040	7 93,941	7 93,842	7 93,743	7 93,644	7 93,545	7 93,446
7 1/4 94,466	7 1/4 94,367	7 1/4 94,268	7 1/4 94,169	7 1/4 94,070	7 1/4 93,971	7 1/4 93,872	7 1/4 93,773	7 1/4 93,674
1/2 94,693	1/2 94,594	1/2 94,495	1/2 94,396	1/2 94,297	1/2 94,198	1/2 94,099	1/2 93,999	1/2 93,900
3/4 94,920	3/4 94,821	3/4 94,722	3/4 94,623	3/4 94,524	3/4 94,425	3/4 94,326	3/4 94,227	3/4 94,128
8 95,147	8 95,048	8 94,949	8 94,850	8 94,751	8 94,652	8 94,553	8 94,454	8 94,355
8 1/4 95,374	8 1/4 95,275	8 1/4 95,176	8 1/4 95,077	8 1/4 94,978	8 1/4 94,879	8 1/4 94,780	8 1/4 94,681	8 1/4 94,582
1/2 95,601	1/2 95,502	1/2 95,403	1/2 95,304	1/2 95,205	1/2 95,106	1/2 95,007	1/2 94,908	1/2 94,809
3/4 95,828	3/4 95,729	3/4 95,630	3/4 95,531	3/4 95,432	3/4 95,333	3/4 95,234	3/4 95,135	3/4 95,036
9 96,055	9 95,956	9 95,857	9 95,758	9 95,659	9 95,560	9 95,461	9 95,362	9 95,263
9 1/4 96,282	9 1/4 96,183	9 1/4 96,084	9 1/4 95,985	9 1/4 95,886	9 1/4 95,787	9 1/4 95,688	9 1/4 95,589	9 1/4 95,490
1/2 96,509	1/2 96,410	1/2 96,311	1/2 96,212	1/2 96,113	1/2 96,014	1/2 95,915	1/2 95,816	1/2 95,717
3/4 96,736	3/4 96,637	3/4 96,538	3/4 96,439	3/4 96,340	3/4 96,241	3/4 96,142	3/4 96,043	3/4 95,944
10 96,963	10 96,864	10 96,765	10 96,666	10 96,567	10 96,468	10 96,369	10 96,270	10 96,171
10 1/4 97,191	10 1/4 97,092	10 1/4 96,993	10 1/4 96,894	10 1/4 96,795	10 1/4 96,696	10 1/4 96,597	10 1/4 96,498	10 1/4 96,399
1/2 97,418	1/2 97,319	1/2 97,220	1/2 97,121	1/2 97,022	1/2 96,923	1/2 96,824	1/2 96,725	1/2 96,626
3/4 97,645	3/4 97,546	3/4 97,447	3/4 97,348	3/4 97,249	3/4 97,150	3/4 97,051	3/4 96,952	3/4 96,853
11 97,872	11 97,773	11 97,674	11 97,575	11 97,476	11 97,377	11 97,278	11 97,179	11 97,080
11 1/4 98,099	11 1/4 97,999	11 1/4 97,900	11 1/4 97,801	11 1/4 97,702	11 1/4 97,603	11 1/4 97,504	11 1/4 97,405	11 1/4 97,306
1/2 98,326	1/2 98,227	1/2 98,128	1/2 98,029	1/2 97,930	1/2 97,831	1/2 97,732	1/2 97,633	1/2 97,534
3/4 98,553	3/4 98,454	3/4 98,355	3/4 98,256	3/4 98,157	3/4 98,058	3/4 97,959	3/4 97,860	3/4 97,761
IN. 87,880	IN. 88,780	IN. 89,681	IN. 90,582	IN. 91,483	IN. 92,384	IN. 93,285	IN. 94,186	IN. 95,087

STRAPPED: 9/21/92
S. Martin
 CHAS. MARTIN CORPORATION

CAPACITY IN: U. S. GALLONS
 GAUGE HEIGHT: 15'-0" (TO TOP OF BALL VALVE HATCH)



FORM No. W-15x12-9

BARGE "IB 1023"

INGRAM BARGE LINES

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

HULL NO. 1593

SHEET NO. 1 OF 2
TANK NUMBER:

3

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		FEET	
IN.	3/4	IN.	3/4	IN.	3/4	IN.	3/4	IN.	3/4	IN.	3/4	IN.	3/4	IN.	3/4	IN.	3/4
1,542	13,565	0	13,565	0	25,588	0	37,611	0	49,634	0	61,657	0	73,680	0	85,703	0	85,703
2,544	14,567	1	14,567	1	26,590	1	38,613	1	50,636	1	62,659	1	74,682	1	86,705	1	86,705
3,546	15,569	2	15,569	2	27,592	2	39,615	2	51,638	2	63,661	2	75,684	2	87,707	2	87,707
4,548	16,571	3	16,571	3	28,594	3	40,617	3	52,640	3	64,663	3	76,686	3	88,709	3	88,709
5,550	17,573	4	17,573	4	29,596	4	41,619	4	53,642	4	65,665	4	77,687	4	89,710	4	89,710
6,552	18,575	5	18,575	5	30,598	5	42,621	5	54,644	5	66,666	5	78,689	5	90,712	5	90,712
7,554	19,577	6	19,577	6	31,600	6	43,622	6	55,645	6	67,668	6	79,691	6	91,714	6	91,714
8,556	20,579	7	20,579	7	32,601	7	44,624	7	56,647	7	68,670	7	80,693	7	92,716	7	92,716
9,559	21,582	8	21,580	8	33,603	8	45,626	8	57,649	8	69,672	8	81,695	8	93,718	8	93,718
10,561	22,584	10	22,584	10	34,605	9	46,628	9	58,651	9	70,674	9	82,697	9	94,720	9	94,720
11,563	23,586	11	23,586	11	35,607	10	47,630	10	59,653	10	71,676	10	83,699	10	95,722	10	95,722
12,565	24,588	11	24,588	11	36,609	11	48,632	11	60,655	11	72,678	11	84,701	11	96,724	11	96,724
13,567	25,590	12	25,590	12	37,611	12	49,634	12	61,657	12	73,680	12	85,703	12	97,726	12	97,726
14,569	26,592	13	26,592	13	38,613	13	50,636	13	62,659	13	74,682	13	86,705	13	98,728	13	98,728
15,571	27,594	14	27,594	14	39,615	14	51,638	14	63,661	14	75,684	14	87,707	14	99,730	14	99,730
16,573	28,596	15	28,596	15	40,617	15	52,640	15	64,663	15	76,686	15	88,709	15	100,732	15	100,732
17,575	29,598	16	29,598	16	41,619	16	53,642	16	65,665	16	77,687	16	89,710	16	101,734	16	101,734
18,577	30,600	17	30,600	17	42,621	17	54,644	17	66,666	17	78,689	17	90,712	17	102,736	17	102,736
19,579	31,603	18	31,603	18	43,622	18	55,645	18	67,668	18	79,691	18	91,714	18	103,738	18	103,738
20,581	32,605	19	32,605	19	44,624	19	56,647	19	68,670	19	80,693	19	92,716	19	104,740	19	104,740
21,583	33,607	20	33,607	20	45,626	20	57,649	20	69,672	20	81,695	20	93,718	20	105,742	20	105,742
22,585	34,609	21	34,609	21	46,628	21	58,651	21	70,674	21	82,697	21	94,720	21	106,744	21	106,744
23,587	35,611	22	35,611	22	47,630	22	59,653	22	71,676	22	83,699	22	95,722	22	107,746	22	107,746
24,589	36,613	23	36,613	23	48,632	23	60,655	23	72,678	23	84,701	23	96,724	23	108,748	23	108,748
25,591	37,615	24	37,615	24	49,634	24	61,657	24	73,680	24	85,703	24	97,726	24	109,750	24	109,750
26,593	38,617	25	38,617	25	50,636	25	62,659	25	74,682	25	86,705	25	98,728	25	110,752	25	110,752
27,595	39,619	26	39,619	26	51,638	26	63,661	26	75,684	26	87,707	26	99,730	26	111,754	26	111,754
28,597	40,621	27	40,621	27	52,640	27	64,663	27	76,686	27	88,709	27	100,732	27	112,756	27	112,756
29,599	41,623	28	41,623	28	53,642	28	65,665	28	77,687	28	89,710	28	101,734	28	113,758	28	113,758
30,601	42,625	29	42,625	29	54,644	29	66,666	29	78,689	29	90,712	29	102,736	29	114,760	29	114,760
31,603	43,627	30	43,627	30	55,645	30	67,668	30	79,691	30	91,714	30	103,738	30	115,762	30	115,762
32,605	44,629	31	44,629	31	56,647	31	68,670	31	80,693	31	92,716	31	104,740	31	116,764	31	116,764
33,607	45,631	32	45,631	32	57,649	32	69,672	32	81,695	32	93,718	32	105,742	32	117,766	32	117,766
34,609	46,633	33	46,633	33	58,651	33	70,674	33	82,697	33	94,720	33	106,744	33	118,768	33	118,768
35,611	47,635	34	47,635	34	59,653	34	71,676	34	83,699	34	95,722	34	107,746	34	119,770	34	119,770
36,613	48,637	35	48,637	35	60,655	35	72,678	35	84,701	35	96,724	35	108,748	35	120,772	35	120,772
37,615	49,639	36	49,639	36	61,657	36	73,680	36	85,703	36	97,726	36	109,750	36	121,774	36	121,774
38,617	50,641	37	50,641	37	62,659	37	74,682	37	86,705	37	98,728	37	110,752	37	122,776	37	122,776
39,619	51,643	38	51,643	38	63,661	38	75,684	38	87,707	38	99,730	38	111,754	38	123,778	38	123,778
40,621	52,645	39	52,645	39	64,663	39	76,686	39	88,709	39	100,732	39	112,756	39	124,780	39	124,780
41,623	53,647	40	53,647	40	65,665	40	77,687	40	89,710	40	101,734	40	113,758	40	125,782	40	125,782
42,625	54,649	41	54,649	41	66,666	41	78,689	41	90,712	41	102,736	41	114,760	41	126,784	41	126,784
43,627	55,651	42	55,651	42	67,668	42	79,691	42	91,714	42	103,738	42	115,762	42	127,786	42	127,786
44,629	56,653	43	56,653	43	68,670	43	80,693	43	92,716	43	104,740	43	116,764	43	128,788	43	128,788
45,631	57,655	44	57,655	44	69,672	44	81,695	44	93,718	44	105,742	44	117,766	44	129,790	44	129,790
46,633	58,657	45	58,657	45	70,674	45	82,697	45	94,720	45	106,744	45	118,768	45	130,792	45	130,792
47,635	59,659	46	59,659	46	71,676	46	83,699	46	95,722	46	107,746	46	119,770	46	131,794	46	131,794
48,637	60,661	47	60,661	47	72,678	47	84,701	47	96,724	47	108,748	47	120,772	47	132,796	47	132,796
49,639	61,663	48	61,663	48	73,680	48	85,703	48	97,726	48	109,750	48	121,774	48	133,798	48	133,798
50,641	62,665	49	62,665	49	74,682	49	86,705	49	98,728	49	110,752	49	122,776	49	134,800	49	134,800
51,643	63,667	50	63,667	50	75,684	50	87,707	50	99,730	50	111,754	50	123,778	50	135,802	50	135,802
52,645	64,669	51	64,669	51	76,686	51	88,709	51	100,732	51	112,756	51	124,780	51	136,804	51	136,804
53,647	65,671	52	65,671	52	77,687	52	89,710	52	101,734	52	113,758	52	125,782	52	137,806	52	137,806
54,649	66,673	53	66,673	53	78,689	53	90,712	53	102,736	53	114,760	53	126,784	53	138,808	53	138,808
55,651	67,675	54	67,675	54	79,691	54	91,714	54	103,738	54	115,762	54	127,786	54	139,810	54	139,810
56,653	68,677	55	68,677	55	80,693	55	92,716	55	104,740	55	116,764	55	128,788	55	140,812	55	140,812
57,655	69,679	56	69,679	56	81,695	56	93,718	56	105,742	56	117,766	56	129,790	56	141,814	56	141,814
58,657	70,681	57	70,681	57	82,697	57	94,720	57	106,744	57	118,768	57	130,792	57	142,816	57	142,816
59,659	71,683	58	71,683	58	83,699	58	95,722	58	107,746	58	119,770	58	131,794	58	143,818	58	143,818
60,661	72,685	59	72,685	59	84,701	59	96,724	59	108,748	59	120,772	59	132,796	59	144,820	59	144,820
61,663	73,687	60	73,687	60	85,703	60	97,726	60	109,750	60	121,774	60	133,798	60	145,822	60	145,822
62,665	74,689	61	74,689	61	86,705	61	98,728	61	110,752	61	122,776	61	134,800	61	146,824	61	146,824
63,667	75,691	62	75,691	62	87,707	62	99,730	62	111,754	62	123,778	62	135,802	62	147,826	62	147,826
64,669	76,693	63	76,693	63	88,709	63	100,732	63	112,756	63	124,780	63	136,804	63	148,828	63	148,828
65,671	77,695	64	77,695	64	89,710	64	101,734	64	113,758	64	125,782	64	137,806	64	149,830	64	149,830
66,673	78,697	65	78,697	65	90,712	65	102,736	65	114,760	65	126,784	65	138,808	65	150,832	65	150,832
67,675	79,699	66	79,699	66	91,714	66	103,738	66	115,762								

