

# BARGE NUMBER IB9513

PREVIOUSLY BARGE - STAR 513

General Barge Information:

Barge Size	<u>195 ft. x 35 ft.</u>
Total Capacity (Liquid Tons)	<u>1,489</u>
Compartment Lining	<u>Amercoat #75</u>
Compartments (Number)	<u>3</u>
Drafts (at Capacity)	<u>9 ft. 0 in.</u>
Pump Type	<u>Diesel</u>
Pump Capacity (GPM)	<u>1,050</u>

Compartment Information

Barge tables are given as innages in U. S. gallons. For caustic soda and caustic potash, the Surveyor will normally take outage measurements and subtract this value from the below noted compartment gauge height to obtain innage values.

COMPARTMENT	GAUGE POINT	GAUGE HEIGHT	GALLONS BELOW STRIKER PLATE
1	Rim of stand pipe - opposite hinge	16' 1-1/4"	545
2	Rim of stand pipe - opposite hinge	16' 0-1/8"	545
3	Rim of stand pipe - opposite hinge	15' 11-1/2"	545

# BARGE NUMBER IB9513

PREVIOUSLY BARGE - STAR 513

## INNAGE GAUGE CHART

REPORTED IN U.S. GALLONS

TANK NO: 1

0 FEET		1 FEET		2 FEET			
0"-0/8	545	6"-0/8	11405	0"-0/8	16834	6"-0/8	22263
0"-1/8	658	6"-1/8	11518	0"-1/8	16947	6"-1/8	22376
0"-2/8	771	6"-2/8	11632	0"-2/8	17061	6"-2/8	22490
0"-3/8	885	6"-3/8	11745	0"-3/8	17174	6"-3/8	22603
0"-4/8	993	6"-4/8	11858	0"-4/8	17287	6"-4/8	22716
0"-5/8	1111	6"-5/8	11971	0"-5/8	17400	6"-5/8	22829
0"-6/8	1224	6"-6/8	12084	0"-6/8	17513	6"-6/8	22942
0"-7/8	1337	6"-7/8	12197	0"-7/8	17626	6"-7/8	23055
1"-0/8	1450	7"-0/8	12310	1"-0/8	17739	7"-0/8	23168
1"-1/8	1564	7"-1/8	12423	1"-1/8	17852	7"-1/8	23281
1"-2/8	1677	7"-2/8	12536	1"-2/8	17965	7"-2/8	23394
1"-3/8	1790	7"-3/8	12649	1"-3/8	18078	7"-3/8	23507
1"-4/8	1903	7"-4/8	12763	1"-4/8	18192	7"-4/8	23621
1"-5/8	2016	7"-5/8	12876	1"-5/8	18305	7"-5/8	23734
1"-6/8	2129	7"-6/8	12989	1"-6/8	18418	7"-6/8	23847
1"-7/8	2242	7"-7/8	13102	1"-7/8	18531	7"-7/8	23960
2"-0/8	2356	8"-0/8	13215	2"-0/8	18644	8"-0/8	24073
2"-1/8	2469	8"-1/8	13328	2"-1/8	18757	8"-1/8	24186
2"-2/8	2582	8"-2/8	13441	2"-2/8	18870	8"-2/8	24299
2"-3/8	2695	8"-3/8	13554	2"-3/8	18983	8"-3/8	24412
2"-4/8	2808	8"-4/8	13667	2"-4/8	19096	8"-4/8	24525
2"-5/8	2921	8"-5/8	13781	2"-5/8	19210	8"-5/8	24639
2"-6/8	3035	8"-6/8	13894	2"-6/8	19323	8"-6/8	24752
2"-7/8	3148	8"-7/8	14007	2"-7/8	19436	8"-7/8	24865
3"-0/8	3261	9"-0/8	14120	3"-0/8	19549	9"-0/8	24978
3"-1/8	3374	9"-1/8	14233	3"-1/8	19662	9"-1/8	25091
3"-2/8	3487	9"-2/8	14346	3"-2/8	19775	9"-2/8	25204
3"-3/8	3600	9"-3/8	14459	3"-3/8	19888	9"-3/8	25317
3"-4/8	3713	9"-4/8	14572	3"-4/8	20001	9"-4/8	25430
3"-5/8	3827	9"-5/8	14685	3"-5/8	20114	9"-5/8	25543
3"-6/8	3940	9"-6/8	14798	3"-6/8	20227	9"-6/8	25656
3"-7/8	4053	9"-7/8	14912	3"-7/8	20341	9"-7/8	25770
4"-0/8	4166	10"-0/8	15025	4"-0/8	20454	10"-0/8	25883
4"-1/8	4279	10"-1/8	15138	4"-1/8	20567	10"-1/8	25996
4"-2/8	4392	10"-2/8	15251	4"-2/8	20680	10"-2/8	26109
4"-3/8	4506	10"-3/8	15364	4"-3/8	20793	10"-3/8	26222
4"-4/8	4619	10"-4/8	15477	4"-4/8	20906	10"-4/8	26335
4"-5/8	4732	10"-5/8	15590	4"-5/8	21019	10"-5/8	26448
4"-6/8	4845	10"-6/8	15703	4"-6/8	21132	10"-6/8	26561
4"-7/8	4958	10"-7/8	15816	4"-7/8	21245	10"-7/8	26673
5"-0/8	5071	11"-0/8	15929	5"-0/8	21358	11"-0/8	26786
5"-1/8	5184	11"-1/8	16043	5"-1/8	21472	11"-1/8	26899
5"-2/8	5298	11"-2/8	16156	5"-2/8	21585	11"-2/8	27011
5"-3/8	5411	11"-3/8	16269	5"-3/8	21698	11"-3/8	27124
5"-4/8	5524	11"-4/8	16382	5"-4/8	21811	11"-4/8	27236
5"-5/8	5637	11"-5/8	16495	5"-5/8	21924	11"-5/8	27349
5"-6/8	5750	11"-6/8	16608	5"-6/8	22037	11"-6/8	27462
5"-7/8	5863	11"-7/8	16721	5"-7/8	22150	11"-7/8	27574
6"-0/8	5976	12"-0/8	16834	6"-0/8	22263	12"-0/8	27687
6"-1/8	6089	12"-1/8	16947	6"-1/8	22376	12"-1/8	27800
6"-2/8	6202	12"-2/8	17061	6"-2/8	22490	12"-2/8	27912
6"-3/8	6316	12"-3/8	17174	6"-3/8	22603	12"-3/8	28025
6"-4/8	6429	12"-4/8	17287	6"-4/8	22716	12"-4/8	28138
6"-5/8	6542	12"-5/8	17400	6"-5/8	22829	12"-5/8	28250
6"-6/8	6655	12"-6/8	17513	6"-6/8	22942	12"-6/8	28363
6"-7/8	6768	12"-7/8	17626	6"-7/8	23055	12"-7/8	28476
7"-0/8	6881	13"-0/8	17739	7"-0/8	23168	13"-0/8	28588
7"-1/8	6994	13"-1/8	17852	7"-1/8	23281	13"-1/8	28701
7"-2/8	7107	13"-2/8	17965	7"-2/8	23394	13"-2/8	28814
7"-3/8	7220	13"-3/8	18078	7"-3/8	23507	13"-3/8	28926
7"-4/8	7334	13"-4/8	18192	7"-4/8	23621	13"-4/8	29039
7"-5/8	7447	13"-5/8	18305	7"-5/8	23734	13"-5/8	29152
7"-6/8	7560	13"-6/8	18418	7"-6/8	23847	13"-6/8	29264
7"-7/8	7673	13"-7/8	18531	7"-7/8	23960	13"-7/8	29377
8"-0/8	7786	14"-0/8	18644	8"-0/8	24073	14"-0/8	29490
8"-1/8	7899	14"-1/8	18757	8"-1/8	24186	14"-1/8	29602
8"-2/8	8012	14"-2/8	18870	8"-2/8	24299	14"-2/8	29715
8"-3/8	8125	14"-3/8	18983	8"-3/8	24412	14"-3/8	29828
8"-4/8	8238	14"-4/8	19096	8"-4/8	24525	14"-4/8	29940
8"-5/8	8351	14"-5/8	19210	8"-5/8	24639	14"-5/8	30053
8"-6/8	8465	14"-6/8	19323	8"-6/8	24752	14"-6/8	30166
8"-7/8	8578	14"-7/8	19436	8"-7/8	24865	14"-7/8	30278
9"-0/8	8691	15"-0/8	19549	9"-0/8	24978	15"-0/8	30391
9"-1/8	8804	15"-1/8	19662	9"-1/8	25091	15"-1/8	30504
9"-2/8	8917	15"-2/8	19775	9"-2/8	25204	15"-2/8	30616
9"-3/8	9030	15"-3/8	19888	9"-3/8	25317	15"-3/8	30729
9"-4/8	9143	15"-4/8	20001	9"-4/8	25430	15"-4/8	30842
9"-5/8	9256	15"-5/8	20114	9"-5/8	25543	15"-5/8	30954
9"-6/8	9369	15"-6/8	20227	9"-6/8	25656	15"-6/8	31067
9"-7/8	9482	15"-7/8	20341	9"-7/8	25770	15"-7/8	31180
10"-0/8	9596	16"-0/8	20454	10"-0/8	25883	16"-0/8	31292
10"-1/8	9709	16"-1/8	20567	10"-1/8	25996	16"-1/8	31405
10"-2/8	9822	16"-2/8	20680	10"-2/8	26109	16"-2/8	31518
10"-3/8	9935	16"-3/8	20793	10"-3/8	26222	16"-3/8	31630
10"-4/8	10048	16"-4/8	20906	10"-4/8	26335	16"-4/8	31743
10"-5/8	10161	16"-5/8	21019	10"-5/8	26448	16"-5/8	31856
10"-6/8	10274	16"-6/8	21132	10"-6/8	26561	16"-6/8	31968
10"-7/8	10387	16"-7/8	21245	10"-7/8	26673	16"-7/8	32081
11"-0/8	10500	17"-0/8	21358	11"-0/8	26786	17"-0/8	32194
11"-1/8	10614	17"-1/8	21472	11"-1/8	26899	17"-1/8	32306
11"-2/8	10727	17"-2/8	21585	11"-2/8	27011	17"-2/8	32419
11"-3/8	10840	17"-3/8	21698	11"-3/8	27124	17"-3/8	32532
11"-4/8	10953	17"-4/8	21811	11"-4/8	27236	17"-4/8	32644
11"-5/8	11066	17"-5/8	21924	11"-5/8	27349	17"-5/8	32757
11"-6/8	11179	17"-6/8	22037	11"-6/8	27462	17"-6/8	32870
11"-7/8	11292	17"-7/8	22150	11"-7/8	27574	17"-7/8	32982

# BARGE NUMBER IB9513

PREVIOUSLY BARGE - STAR 513

## INNAGE GAUGE CHART

REPORTED IN U.S. GALLONS

TANK NO: 1

		3 FEET		4 FEET		5 FEET					
0"-0/8	33095	6"-0/8	38516	0"-0/8	43945	6"-0/8	49375	0"-0/8	54805	6"-0/8	60235
0"-1/8	33208	6"-1/8	38629	0"-1/8	44059	6"-1/8	49488	0"-1/8	54918	6"-1/8	60348
0"-2/8	33320	6"-2/8	38742	0"-2/8	44172	6"-2/8	49601	0"-2/8	55031	6"-2/8	60461
0"-3/8	33433	6"-3/8	38855	0"-3/8	44285	6"-3/8	49715	0"-3/8	55144	6"-3/8	60574
0"-4/8	33546	6"-4/8	38968	0"-4/8	44398	6"-4/8	49828	0"-4/8	55258	6"-4/8	60687
0"-5/8	33658	6"-5/8	39081	0"-5/8	44511	6"-5/8	49941	0"-5/8	55371	6"-5/8	60801
0"-6/8	33771	6"-6/8	39194	0"-6/8	44624	6"-6/8	50054	0"-6/8	55484	6"-6/8	60914
0"-7/8	33884	6"-7/8	39307	0"-7/8	44737	6"-7/8	50167	0"-7/8	55597	6"-7/8	61027
1"-0/8	33996	7"-0/8	39421	1"-0/8	44850	7"-0/8	50280	1"-0/8	55710	7"-0/8	61140
1"-1/8	34109	7"-1/8	39534	1"-1/8	44963	7"-1/8	50393	1"-1/8	55823	7"-1/8	61253
1"-2/8	34222	7"-2/8	39647	1"-2/8	45077	7"-2/8	50506	1"-2/8	55936	7"-2/8	61366
1"-3/8	34334	7"-3/8	39760	1"-3/8	45190	7"-3/8	50620	1"-3/8	56049	7"-3/8	61479
1"-4/8	34447	7"-4/8	39873	1"-4/8	45303	7"-4/8	50733	1"-4/8	56163	7"-4/8	61592
1"-5/8	34559	7"-5/8	39986	1"-5/8	45416	7"-5/8	50846	1"-5/8	56276	7"-5/8	61706
1"-6/8	34672	7"-6/8	40099	1"-6/8	45529	7"-6/8	50959	1"-6/8	56389	7"-6/8	61819
1"-7/8	34785	7"-7/8	40212	1"-7/8	45642	7"-7/8	51072	1"-7/8	56502	7"-7/8	61932
2"-0/8	34897	8"-0/8	40325	2"-0/8	45755	8"-0/8	51185	2"-0/8	56615	8"-0/8	62045
2"-1/8	35010	8"-1/8	40439	2"-1/8	45868	8"-1/8	51298	2"-1/8	56728	8"-1/8	62158
2"-2/8	35123	8"-2/8	40552	2"-2/8	45982	8"-2/8	51411	2"-2/8	56841	8"-2/8	62271
2"-3/8	35235	8"-3/8	40665	2"-3/8	46095	8"-3/8	51525	2"-3/8	56954	8"-3/8	62384
2"-4/8	35348	8"-4/8	40778	2"-4/8	46208	8"-4/8	51638	2"-4/8	57068	8"-4/8	62497
2"-5/8	35461	8"-5/8	40891	2"-5/8	46321	8"-5/8	51751	2"-5/8	57181	8"-5/8	62610
2"-6/8	35574	8"-6/8	41004	2"-6/8	46434	8"-6/8	51864	2"-6/8	57294	8"-6/8	62724
2"-7/8	35687	8"-7/8	41117	2"-7/8	46547	8"-7/8	51977	2"-7/8	57407	8"-7/8	62837
3"-0/8	35801	9"-0/8	41230	3"-0/8	46660	9"-0/8	52090	3"-0/8	57520	9"-0/8	62990
3"-1/8	35914	9"-1/8	41344	3"-1/8	46773	9"-1/8	52203	3"-1/8	57633	9"-1/8	63063
3"-2/8	36027	9"-2/8	41457	3"-2/8	46887	9"-2/8	52316	3"-2/8	57746	9"-2/8	63176
3"-3/8	36140	9"-3/8	41570	3"-3/8	47000	9"-3/8	52430	3"-3/8	57859	9"-3/8	63289
3"-4/8	36253	9"-4/8	41683	3"-4/8	47113	9"-4/8	52543	3"-4/8	57972	9"-4/8	63402
3"-5/8	36366	9"-5/8	41796	3"-5/8	47226	9"-5/8	52656	3"-5/8	58086	9"-5/8	63515
3"-6/8	36479	9"-6/8	41909	3"-6/8	47339	9"-6/8	52769	3"-6/8	58199	9"-6/8	63629
3"-7/8	36592	9"-7/8	42022	3"-7/8	47452	9"-7/8	52882	3"-7/8	58312	9"-7/8	63742
4"-0/8	36706	10"-0/8	42135	4"-0/8	47565	10"-0/8	52995	4"-0/8	58425	10"-0/8	63855
4"-1/8	36819	10"-1/8	42249	4"-1/8	47678	10"-1/8	53108	4"-1/8	58538	10"-1/8	63968
4"-2/8	36932	10"-2/8	42362	4"-2/8	47792	10"-2/8	53221	4"-2/8	58651	10"-2/8	64081
4"-3/8	37045	10"-3/8	42475	4"-3/8	47905	10"-3/8	53334	4"-3/8	58764	10"-3/8	64194
4"-4/8	37158	10"-4/8	42588	4"-4/8	48018	10"-4/8	53448	4"-4/8	58877	10"-4/8	64307
4"-5/8	37271	10"-5/8	42701	4"-5/8	48131	10"-5/8	53561	4"-5/8	58991	10"-5/8	64420
4"-6/8	37384	10"-6/8	42814	4"-6/8	48244	10"-6/8	53674	4"-6/8	59104	10"-6/8	64534
4"-7/8	37497	10"-7/8	42927	4"-7/8	48357	10"-7/8	53787	4"-7/8	59217	10"-7/8	64647
5"-0/8	37611	11"-0/8	43040	5"-0/8	48470	11"-0/8	53900	5"-0/8	59330	11"-0/8	64760
5"-1/8	37724	11"-1/8	43154	5"-1/8	48583	11"-1/8	54013	5"-1/8	59443	11"-1/8	64873
5"-2/8	37837	11"-2/8	43267	5"-2/8	48697	11"-2/8	54126	5"-2/8	59556	11"-2/8	64986
5"-3/8	37950	11"-3/8	43380	5"-3/8	48810	11"-3/8	54239	5"-3/8	59669	11"-3/8	65099
5"-4/8	38063	11"-4/8	43493	5"-4/8	48923	11"-4/8	54353	5"-4/8	59782	11"-4/8	65212
5"-5/8	38176	11"-5/8	43606	5"-5/8	49036	11"-5/8	54466	5"-5/8	59896	11"-5/8	65325
5"-6/8	38289	11"-6/8	43719	5"-6/8	49149	11"-6/8	54579	5"-6/8	60009	11"-6/8	65439
5"-7/8	38402	11"-7/8	43832	5"-7/8	49262	11"-7/8	54692	5"-7/8	60122	11"-7/8	65552

# BARGE NUMBER IB9513

PREVIOUSLY BARGE - STAR 513

## INNAGE GAUGE CHART

REPORTED IN U.S. GALLONS

TANK NO: 1

6 FEET		7 FEET		8 FEET		8 FEET	
0"-0/8	65665	71095	76524	81954	87384	92814	92814
0"-1/8	65778	71208	76638	82067	87497	92927	92927
0"-2/8	65891	71321	76751	82181	87610	93040	93040
0"-3/8	66004	71434	76864	82294	87724	93153	93153
0"-4/8	66117	71547	76977	82407	87837	93266	93266
0"-5/8	66230	71660	77090	82520	87950	93380	93380
0"-6/8	66344	71773	77203	82633	88063	93493	93493
0"-7/8	66457	71886	77316	82746	88176	93606	93606
1"-0/8	66570	72000	77429	82859	88289	93719	93719
1"-1/8	66683	72113	77542	82972	88402	93832	93832
1"-2/8	66796	72226	77656	83086	88515	93945	93945
1"-3/8	66909	72339	77769	83199	88629	94058	94058
1"-4/8	67022	72452	77882	83312	88742	94171	94171
1"-5/8	67135	72565	77995	83425	88855	94285	94285
1"-6/8	67248	72678	78108	83538	88968	94398	94398
1"-7/8	67362	72791	78221	83651	89081	94511	94511
2"-0/8	67475	72905	78334	83764	89194	94624	94624
2"-1/8	67588	73018	78448	83877	89307	94737	94737
2"-2/8	67701	73131	78561	83991	89420	94850	94850
2"-3/8	67814	73244	78674	84104	89533	94963	94963
2"-4/8	67927	73357	78787	84217	89647	95076	95076
2"-5/8	68040	73470	78900	84330	89760	95190	95190
2"-6/8	68153	73583	79013	84443	89873	95303	95303
2"-7/8	68267	73696	79126	84556	89986	95416	95416
3"-0/8	68380	73810	79239	84669	90099	95529	95529
3"-1/8	68493	73926	79353	84782	90212	95642	95642
3"-2/8	68606	74036	79466	84895	90325	95755	95755
3"-3/8	68719	74149	79579	85009	90438	95868	95868
3"-4/8	68832	74262	79692	85122	90552	95981	95981
3"-5/8	68945	74375	79805	85235	90665	96095	96095
3"-6/8	69058	74488	79918	85348	90778	96208	96208
3"-7/8	69172	74601	80031	85461	90891	96321	96321
4"-0/8	69285	74715	80144	85574	91004	96434	96434
4"-1/8	69398	74828	80257	85687	91117	96547	96547
4"-2/8	69511	74941	80371	85800	91230	96662	96662
4"-3/8	69624	75054	80484	85914	91343	96773	96773
4"-4/8	69737	75167	80597	86027	91457	96886	96886
4"-5/8	69850	75280	80710	86140	91570	97000	97000
4"-6/8	69963	75393	80823	86253	91683	97113	97113
4"-7/8	70077	75506	80936	86366	91796	97226	97226
5"-0/8	70180	75619	81049	86479	91909	97339	97339
5"-1/8	70303	75733	81162	86592	92022	97452	97452
5"-2/8	70416	75846	81276	86705	92135	97565	97565
5"-3/8	70529	75959	81389	86819	92248	97678	97678
5"-4/8	70642	76072	81502	86932	92362	97791	97791
5"-5/8	70755	76185	81615	87045	92475	97904	97904
5"-6/8	70868	76298	81728	87158	92588	98018	98018
5"-7/8	70981	76411	81841	87271	92701	98131	98131

# BARGE NUMBER IB9513

PREVIOUSLY BARGE - STAR 513

## INNAGE GAUGE CHART

REPORTED IN U.S. GALLONS

TANK NO: 1

9 FEET		10 FEET		11 FEET	
0"-0/8	98244	103669	109065	113852	118612
0"-1/8	98357	103782	109171	113951	118712
0"-2/8	98470	103894	109277	114050	118811
0"-3/8	98583	104007	109383	114150	118910
0"-4/8	98696	104120	109488	114249	119009
0"-5/8	98809	104232	109587	114348	119108
0"-6/8	98923	104345	109687	114447	119207
0"-7/8	99036	104458	109786	114546	119307
1"-0/8	99149	104571	109885	114645	119406
1"-1/8	99262	104683	109984	114745	119505
1"-2/8	99375	104796	110083	114844	119604
1"-3/8	99488	104909	110183	114943	119703
1"-4/8	99601	105021	110282	115042	119803
1"-5/8	99714	105134	110381	115141	119902
1"-6/8	99828	105247	110480	115240	120001
1"-7/8	99941	105360	110579	115340	120100
2"-0/8	100054	105472	110678	115439	120199
2"-1/8	100167	105585	110778	115538	120298
2"-2/8	100280	105698	110877	115637	120398
2"-3/8	100393	105811	110976	115736	120497
2"-4/8	100506	105923	111075	115836	120596
2"-5/8	100619	106036	111174	115935	120695
2"-6/8	100733	106149	111273	116034	120794
2"-7/8	100846	106261	111373	116133	120893
3"-0/8	100959	106374	111472	116232	120993
3"-1/8	101072	106487	111571	116331	121092
3"-2/8	101185	106600	111670	116431	121191
3"-3/8	101298	106712	111769	116530	121290
3"-4/8	101411	106825	111868	116629	121389
3"-5/8	101524	106938	111968	116728	121489
3"-6/8	101638	107050	112067	116827	121588
3"-7/8	101751	107163	112166	116926	121687
4"-0/8	101864	107276	112265	117026	121786
4"-1/8	101977	107389	112364	117125	121885
4"-2/8	102090	107501	112464	117224	121984
4"-3/8	102206	107614	112563	117323	122084
4"-4/8	102316	107727	112662	117422	122183
4"-5/8	102429	107839	112761	117521	122282
4"-6/8	102542	107952	112860	117621	122381
4"-7/8	102654	108065	112959	117720	122480
5"-0/8	102767	108178	113059	117819	122579
5"-1/8	102880	108290	113158	117918	122679
5"-2/8	102993	108403	113257	118017	122778
5"-3/8	103105	108516	113356	118117	122877
5"-4/8	103218	108629	113455	118216	122976
5"-5/8	103331	108741	113554	118315	123075
5"-6/8	103443	108854	113654	118414	123174
5"-7/8	103556	108966	113753	118513	123274
6"-0/8	123373				
6"-1/8	123472				
6"-2/8	123571				
6"-3/8	123670				
6"-4/8	123770				
6"-5/8	123869				
6"-6/8	123968				
6"-7/8	124067				
7"-0/8	124166				
7"-1/8	124265				
7"-2/8	124365				
7"-3/8	124464				
7"-4/8	124563				
7"-5/8	124662				
7"-6/8	124761				
7"-7/8	124860				
8"-0/8	124960				
8"-1/8	125059				
8"-2/8	125158				
8"-3/8	125257				
8"-4/8	125356				
8"-5/8	125456				
8"-6/8	125555				
8"-7/8	125654				
9"-0/8	125753				
9"-1/8	125852				
9"-2/8	125951				
9"-3/8	126051				
9"-4/8	126150				
9"-5/8	126249				
9"-6/8	126348				
9"-7/8	126447				
10"-0/8	126546				
10"-1/8	126646				
10"-2/8	126745				
10"-3/8	126844				
10"-4/8	126943				
10"-5/8	127042				
10"-6/8	127142				
10"-7/8	127241				
11"-0/8	127340				
11"-1/8	127439				
11"-2/8	127538				
11"-3/8	127637				
11"-4/8	127737				
11"-5/8	127836				
11"-6/8	127935				
11"-7/8	128034				

INNAGE GAUGE CHART

REPORTED IN U.S. GALLONS

TANK NO: 1

13 FEET

12 FEET

12 FEET		13 FEET		14 FEET	
0"-0/8	128133	0"-0/8	137654	0"-0/8	142183
0"-1/8	128232	0"-1/8	137753	6"-1/8	142255
0"-2/8	128332	0"-2/8	137852	6"-2/8	142326
0"-3/8	128431	0"-3/8	137952	6"-3/8	142398
0"-4/8	128530	0"-4/8	138051	6"-4/8	142470
0"-5/8	128629	0"-5/8	138150	6"-5/8	142541
0"-6/8	128728	0"-6/8	138249	6"-6/8	142613
0"-7/8	128827	0"-7/8	138348	6"-7/8	142673
1"-0/8	128927	1"-0/8	138448	7"-0/8	142734
1"-1/8	129026	1"-1/8	138547	7"-1/8	142795
1"-2/8	129125	1"-2/8	138646	7"-2/8	142855
1"-3/8	129224	1"-3/8	138745	7"-3/8	142916
1"-4/8	129323	1"-4/8	138844	7"-4/8	142976
1"-5/8	129423	1"-5/8	138943	7"-5/8	143037
1"-6/8	129522	1"-6/8	139043	7"-6/8	143098
1"-7/8	129621	1"-7/8	139142	7"-7/8	143147
2"-0/8	129720	2"-0/8	139241	8"-0/8	143197
2"-1/8	129819	2"-1/8	139340	8"-1/8	143246
2"-2/8	129918	2"-2/8	139439	8"-2/8	143296
2"-3/8	130018	2"-3/8	139538	8"-3/8	143346
2"-4/8	130117	2"-4/8	139638	8"-4/8	143395
2"-5/8	130216	2"-5/8	139737	8"-5/8	143445
2"-6/8	130315	2"-6/8	139836	8"-6/8	143494
2"-7/8	130414	2"-7/8	139935	8"-7/8	143533
3"-0/8	130513	3"-0/8	140034	9"-0/8	143571
3"-1/8	130613	3"-1/8	140133	9"-1/8	143610
3"-2/8	130712	3"-2/8	140233	9"-2/8	143649
3"-3/8	130811	3"-3/8	140332	9"-3/8	143687
3"-4/8	130910	3"-4/8	140431	9"-4/8	143726
3"-5/8	131009	3"-5/8	140530	9"-5/8	143764
3"-6/8	131109	3"-6/8	140629	9"-6/8	143803
3"-7/8	131208	3"-7/8	140723	9"-7/8	143830
4"-0/8	131307	4"-0/8	140817	10"-0/8	143858
4"-1/8	131406	4"-1/8	140910	10"-1/8	143886
4"-2/8	131505	4"-2/8	141004	10"-2/8	143913
4"-3/8	131604	4"-3/8	141098	10"-3/8	143941
4"-4/8	131704	4"-4/8	141191	10"-4/8	143968
4"-5/8	131803	4"-5/8	141285	10"-5/8	143996
4"-6/8	131902	4"-6/8	141379	10"-6/8	144023
4"-7/8	132001	4"-7/8	141461	10"-7/8	144040
5"-0/8	132100	5"-0/8	141544	11"-0/8	144056
5"-1/8	132199	5"-1/8	141627	11"-1/8	144073
5"-2/8	132299	5"-2/8	141709	11"-2/8	144089
5"-3/8	132398	5"-3/8	141792	11"-3/8	144106
5"-4/8	132497	5"-4/8	141875	11"-4/8	144122
5"-5/8	132596	5"-5/8	141957	11"-5/8	144139
5"-6/8	132695	5"-6/8	142040	11"-6/8	144155
5"-7/8	132795	5"-7/8	142111	11"-7/8	144161

# BARGE NUMBER IB9513

PREVIOUSLY BARGE - STAR 513

## INNAGE GAUGE CHART

REPORTED IN U.S. GALLONS

TANK NO: 2

0 FEET		1 FEET		2 FEET	
0"-0/8	545	11399	16827	0"-0/8	22254
0"-1/8	658	11512	16940	0"-1/8	22367
0"-2/8	771	11626	17053	0"-2/8	22480
0"-3/8	882	11739	17166	0"-3/8	22593
0"-4/8	997	11852	17279	0"-4/8	22706
0"-5/8	1110	11965	17392	0"-5/8	22819
0"-6/8	1223	12078	17505	0"-6/8	22932
0"-7/8	1336	12191	17618	0"-7/8	23045
1"-0/8	1449	12304	17731	1"-0/8	23159
1"-1/8	1562	12417	17844	1"-1/8	23272
1"-2/8	1676	12530	17957	1"-2/8	23385
1"-3/8	1789	12643	18070	1"-3/8	23498
1"-4/8	1902	12756	18184	1"-4/8	23611
1"-5/8	2015	12869	18297	1"-5/8	23724
1"-6/8	2123	12982	18410	1"-6/8	23837
1"-7/8	2241	13095	18523	1"-7/8	23950
2"-0/8	2354	13209	18636	2"-0/8	24063
2"-1/8	2467	13322	18749	2"-1/8	24176
2"-2/8	2580	13435	18862	2"-2/8	24289
2"-3/8	2693	13548	18975	2"-3/8	24402
2"-4/8	2806	13661	19088	2"-4/8	24515
2"-5/8	2919	13774	19201	2"-5/8	24628
2"-6/8	3032	13887	19314	2"-6/8	24741
2"-7/8	3145	14000	19427	2"-7/8	24855
3"-0/8	3258	14113	19540	3"-0/8	24968
3"-1/8	3372	14226	19653	3"-1/8	25081
3"-2/8	3485	14339	19766	3"-2/8	25194
3"-3/8	3598	14452	19880	3"-3/8	25307
3"-4/8	3711	14565	19993	3"-4/8	25420
3"-5/8	3824	14678	20106	3"-5/8	25533
3"-6/8	3937	14791	20219	3"-6/8	25646
3"-7/8	4050	14905	20332	3"-7/8	25759
4"-0/8	4163	15018	20445	4"-0/8	25872
4"-1/8	4276	15131	20558	4"-1/8	25985
4"-2/8	4389	15244	20671	4"-2/8	26098
4"-3/8	4502	15357	20784	4"-3/8	26211
4"-4/8	4615	15470	20897	4"-4/8	26324
4"-5/8	4728	15583	21010	4"-5/8	26437
4"-6/8	4841	15696	21123	4"-6/8	26550
4"-7/8	4955	15809	21236	4"-7/8	26662
5"-0/8	5068	15922	21349	5"-0/8	26775
5"-1/8	5181	16035	21462	5"-1/8	26888
5"-2/8	5294	16148	21576	5"-2/8	27000
5"-3/8	5407	16261	21689	5"-3/8	27113
5"-4/8	5520	16374	21802	5"-4/8	27226
5"-5/8	5633	16487	21915	5"-5/8	27338
5"-6/8	5746	16601	22028	5"-6/8	27451
5"-7/8	5859	16714	22141	5"-7/8	27564
6"-0/8	5972	16827	22254	6"-0/8	27676
6"-1/8	6085	16940	22367	6"-1/8	27789
6"-2/8	6198	17053	22480	6"-2/8	27902
6"-3/8	6311	17166	22593	6"-3/8	28014
6"-4/8	6424	17279	22706	6"-4/8	28127
6"-5/8	6537	17392	22819	6"-5/8	28240
6"-6/8	6651	17505	22932	6"-6/8	28352
6"-7/8	6764	17618	23045	6"-7/8	28465
7"-0/8	6877	17731	23159	7"-0/8	28577
7"-1/8	6990	17844	23272	7"-1/8	28690
7"-2/8	7103	17957	23385	7"-2/8	28803
7"-3/8	7216	18070	23498	7"-3/8	28915
7"-4/8	7329	18184	23611	7"-4/8	29028
7"-5/8	7442	18297	23724	7"-5/8	29141
7"-6/8	7555	18410	23837	7"-6/8	29253
7"-7/8	7668	18523	23950	7"-7/8	29366
8"-0/8	7781	18636	24063	8"-0/8	29479
8"-1/8	7894	18749	24176	8"-1/8	29591
8"-2/8	8007	18862	24289	8"-2/8	29704
8"-3/8	8120	18975	24402	8"-3/8	29817
8"-4/8	8233	19088	24515	8"-4/8	29929
8"-5/8	8347	19201	24628	8"-5/8	30042
8"-6/8	8460	19314	24741	8"-6/8	30155
8"-7/8	8573	19427	24855	8"-7/8	30267
9"-0/8	8686	19540	24968	9"-0/8	30380
9"-1/8	8799	19653	25081	9"-1/8	30493
9"-2/8	8912	19766	25194	9"-2/8	30605
9"-3/8	9025	19880	25307	9"-3/8	30718
9"-4/8	9138	19993	25420	9"-4/8	30830
9"-5/8	9251	20106	25533	9"-5/8	30943
9"-6/8	9364	20219	25646	9"-6/8	31056
9"-7/8	9477	20332	25759	9"-7/8	31168
10"-0/8	9590	20445	25872	10"-0/8	31281
10"-1/8	9703	20558	25985	10"-1/8	31394
10"-2/8	9816	20671	26098	10"-2/8	31506
10"-3/8	9930	20784	26211	10"-3/8	31619
10"-4/8	10043	20897	26324	10"-4/8	31732
10"-5/8	10156	21010	26437	10"-5/8	31844
10"-6/8	10269	21123	26550	10"-6/8	31957
10"-7/8	10382	21236	26662	10"-7/8	32070
11"-0/8	10495	21349	26775	11"-0/8	32182
11"-1/8	10608	21462	26888	11"-1/8	32295
11"-2/8	10721	21576	27000	11"-2/8	32408
11"-3/8	10834	21689	27113	11"-3/8	32520
11"-4/8	10947	21802	27226	11"-4/8	32633
11"-5/8	11060	21915	27338	11"-5/8	32746
11"-6/8	11173	22028	27451	11"-6/8	32858
11"-7/8	11286	22141	27564	11"-7/8	32971

# BARGE NUMBER IB9513

PREVIOUSLY BARGE - STAR 513

## INNAGE GAUGE CHART

### REPORTED IN U.S. GALLONS

### TANK NO: 2

3 FEET		4 FEET		5 FEET	
0"-0/8	33083	38503	43931	49358	54786
0"-1/8	33196	38616	44044	49471	54899
0"-2/8	33309	38729	44157	49584	55012
0"-3/8	33421	38842	44270	49697	55125
0"-4/8	33534	38955	44383	49811	55238
0"-5/8	33647	39068	44496	49924	55352
0"-6/8	33759	39181	44609	50037	55465
0"-7/8	33872	39294	44722	50150	55578
1"-0/8	33985	39407	44835	50263	55691
1"-1/8	34097	39520	44948	50376	55804
1"-2/8	34210	39633	45061	50489	55917
1"-3/8	34323	39747	45174	50602	56030
1"-4/8	34435	39860	45287	50715	56143
1"-5/8	34548	39973	45401	50828	56256
1"-6/8	34661	40086	45514	50941	56369
1"-7/8	34773	40199	45627	51054	56482
2"-0/8	34886	40312	45740	51168	56595
2"-1/8	34999	40425	45853	51281	56708
2"-2/8	35111	40538	45966	51394	56822
2"-3/8	35224	40651	46079	51507	56935
2"-4/8	35336	40764	46192	51620	57048
2"-5/8	35450	40877	46305	51733	57161
2"-6/8	35563	40990	46418	51846	57274
2"-7/8	35676	41104	46531	51959	57387
3"-0/8	35789	41217	46644	52072	57500
3"-1/8	35902	41330	46757	52185	57613
3"-2/8	36015	41443	46871	52298	57726
3"-3/8	36128	41556	46984	52411	57839
3"-4/8	36241	41669	47097	52525	57952
3"-5/8	36354	41782	47210	52638	58065
3"-6/8	36467	41895	47323	52751	58178
3"-7/8	36580	42008	47436	52864	58292
4"-0/8	36693	42121	47549	52977	58405
4"-1/8	36807	42234	47662	53090	58518
4"-2/8	36920	42347	47775	53203	58631
4"-3/8	37033	42460	47888	53316	58744
4"-4/8	37146	42574	48001	53429	58857
4"-5/8	37259	42687	48114	53542	58970
4"-6/8	37372	42800	48228	53655	59083
4"-7/8	37485	42913	48341	53768	59196
5"-0/8	37598	43026	48454	53881	59309
5"-1/8	37711	43139	48567	53995	59422
5"-2/8	37824	43252	48680	54108	59535
5"-3/8	37937	43365	48793	54221	59649
5"-4/8	38050	43478	48906	54334	59762
5"-5/8	38163	43591	49019	54447	59875
5"-6/8	38277	43704	49132	54560	59988
5"-7/8	38390	43817	49245	54673	60101
6"-0/8	60214				
6"-1/8	60327				
6"-2/8	60440				
6"-3/8	60553				
6"-4/8	60666				
6"-5/8	60779				
6"-6/8	60892				
6"-7/8	61005				
7"-0/8	61119				
7"-1/8	61232				
7"-2/8	61345				
7"-3/8	61458				
7"-4/8	61571				
7"-5/8	61684				
7"-6/8	61797				
7"-7/8	61910				
8"-0/8	62023				
8"-1/8	62136				
8"-2/8	62249				
8"-3/8	62362				
8"-4/8	62475				
8"-5/8	62589				
8"-6/8	62702				
8"-7/8	62815				
9"-0/8	62928				
9"-1/8	63041				
9"-2/8	63154				
9"-3/8	63267				
9"-4/8	63380				
9"-5/8	63493				
9"-6/8	63606				
9"-7/8	63719				
10"-0/8	63832				
10"-1/8	63946				
10"-2/8	64059				
10"-3/8	64172				
10"-4/8	64285				
10"-5/8	64398				
10"-6/8	64511				
10"-7/8	64624				
11"-0/8	64737				
11"-1/8	64850				
11"-2/8	64963				
11"-3/8	65076				
11"-4/8	65189				
11"-5/8	65302				
11"-6/8	65416				
11"-7/8	65529				

# BARGE NUMBER IB9513

PREVIOUSLY BARGE - STAR 513

## INNAGE GAUGE CHART

### REPORTED IN U.S. GALLONS

### TANK NO: 2

		6 FEET		7 FEET		8 FEET			
0"-0/8	65642	71070	0"-0/8	76497	81025	87353	0"-0/8	6"-0/8	92781
0"-1/8	65755	71183	0"-1/8	76610	82038	87466	0"-1/8	6"-1/8	92894
0"-2/8	65863	71296	0"-2/8	76723	82151	87579	0"-2/8	6"-2/8	93007
0"-3/8	65981	71409	0"-3/8	76837	82264	87692	0"-3/8	6"-3/8	93120
0"-4/8	66094	71522	0"-4/8	76950	82377	87805	0"-4/8	6"-4/8	93235
0"-5/8	66207	71635	0"-5/8	77063	82491	87918	0"-5/8	6"-5/8	93346
0"-6/8	66320	71748	0"-6/8	77176	82604	88031	0"-6/8	6"-6/8	93459
0"-7/8	66437	71861	0"-7/8	77289	82717	88144	0"-7/8	6"-7/8	93572
1"-0/8	66546	71974	1"-0/8	77402	82830	88258	1"-0/8	7"-0/8	93685
1"-1/8	66659	72087	1"-1/8	77515	82943	88371	1"-1/8	7"-1/8	93796
1"-2/8	66773	72200	1"-2/8	77628	83056	88484	1"-2/8	7"-2/8	93912
1"-3/8	66886	72313	1"-3/8	77741	83169	88597	1"-3/8	7"-3/8	94025
1"-4/8	66999	72426	1"-4/8	77854	83282	88710	1"-4/8	7"-4/8	94136
1"-5/8	67112	72540	1"-5/8	77967	83395	88823	1"-5/8	7"-5/8	94251
1"-6/8	67225	72653	1"-6/8	78080	83508	88936	1"-6/8	7"-6/8	94364
1"-7/8	67338	72766	1"-7/8	78194	83621	89049	1"-7/8	7"-7/8	94477
2"-0/8	67451	72879	2"-0/8	78307	83734	89162	2"-0/8	8"-0/8	94590
2"-1/8	67564	72992	2"-1/8	78420	83847	89275	2"-1/8	8"-1/8	94703
2"-2/8	67677	73105	2"-2/8	78533	83961	89388	2"-2/8	8"-2/8	94816
2"-3/8	67790	73218	2"-3/8	78646	84074	89501	2"-3/8	8"-3/8	94929
2"-4/8	67903	73331	2"-4/8	78759	84187	89615	2"-4/8	8"-4/8	95042
2"-5/8	68016	73444	2"-5/8	78872	84300	89728	2"-5/8	8"-5/8	95155
2"-6/8	68129	73557	2"-6/8	78985	84413	89841	2"-6/8	8"-6/8	95268
2"-7/8	68243	73670	2"-7/8	79098	84526	89954	2"-7/8	8"-7/8	95382
3"-0/8	68356	73783	3"-0/8	79211	84639	90067	3"-0/8	9"-0/8	95495
3"-1/8	68469	73896	3"-1/8	79324	84752	90180	3"-1/8	9"-1/8	95608
3"-2/8	68582	74010	3"-2/8	79437	84865	90293	3"-2/8	9"-2/8	95721
3"-3/8	68695	74123	3"-3/8	79550	84978	90406	3"-3/8	9"-3/8	95834
3"-4/8	68808	74236	3"-4/8	79664	85091	90519	3"-4/8	9"-4/8	95947
3"-5/8	68921	74349	3"-5/8	79777	85204	90632	3"-5/8	9"-5/8	96060
3"-6/8	69034	74462	3"-6/8	79890	85317	90745	3"-6/8	9"-6/8	96173
3"-7/8	69147	74575	3"-7/8	80003	85431	90858	3"-7/8	9"-7/8	96286
4"-0/8	69260	74688	4"-0/8	80116	85544	90971	4"-0/8	10"-0/8	96399
4"-1/8	69373	74801	4"-1/8	80229	85657	91085	4"-1/8	10"-1/8	96512
4"-2/8	69488	74914	4"-2/8	80342	85770	91193	4"-2/8	10"-2/8	96625
4"-3/8	69599	75027	4"-3/8	80455	85883	91311	4"-3/8	10"-3/8	96738
4"-4/8	69713	75140	4"-4/8	80563	85996	91424	4"-4/8	10"-4/8	96852
4"-5/8	69826	75253	4"-5/8	80681	86109	91537	4"-5/8	10"-5/8	96965
4"-6/8	69939	75367	4"-6/8	80794	86222	91650	4"-6/8	10"-6/8	97078
4"-7/8	70052	75480	4"-7/8	80907	86335	91763	4"-7/8	10"-7/8	97191
5"-0/8	70165	75593	5"-0/8	81020	86448	91876	5"-0/8	11"-0/8	97304
5"-1/8	70278	75706	5"-1/8	81134	86561	91989	5"-1/8	11"-1/8	97417
5"-2/8	70391	75819	5"-2/8	81247	86674	92102	5"-2/8	11"-2/8	97530
5"-3/8	70504	75932	5"-3/8	81360	86787	92215	5"-3/8	11"-3/8	97643
5"-4/8	70617	76045	5"-4/8	81473	86901	92328	5"-4/8	11"-4/8	97756
5"-5/8	70730	76158	5"-5/8	81586	87014	92441	5"-5/8	11"-5/8	97869
5"-6/8	70843	76271	5"-6/8	81699	87127	92555	5"-6/8	11"-6/8	97982
5"-7/8	70956	76384	5"-7/8	81812	87240	92668	5"-7/8	11"-7/8	98095

# BARGE NUMBER IB9513

PREVIOUSLY BARGE - STAR 513

## INNAGE GAUGE CHART

REPORTED IN U.S. GALLONS

TANK NO: 2

9 FEET		10 FEET		11 FEET	
0"-0/8	98209	103636	109064	114492	119920
0"-1/8	98322	103749	109177	114605	120033
0"-2/8	98435	103862	109290	114718	120146
0"-3/8	98548	103976	109403	114831	120259
0"-4/8	98661	104089	109516	114944	120372
0"-5/8	98774	104202	109630	115057	120485
0"-6/8	98887	104315	109743	115170	120598
0"-7/8	99000	104428	109856	115283	120711
1"-0/8	99113	104541	109969	115397	120824
1"-1/8	99226	104654	110082	115510	120937
1"-2/8	99339	104767	110195	115623	121051
1"-3/8	99452	104880	110308	115736	121164
1"-4/8	99565	104993	110421	115849	121277
1"-5/8	99679	105106	110534	115962	121390
1"-6/8	99792	105219	110647	116075	121503
1"-7/8	99905	105333	110760	116188	121616
2"-0/8	100018	105446	110873	116301	121729
2"-1/8	100131	105559	110986	116414	121842
2"-2/8	100244	105672	111100	116527	121955
2"-3/8	100357	105785	111213	116640	122068
2"-4/8	100470	105898	111326	116754	122181
2"-5/8	100583	106011	111439	116867	122294
2"-6/8	100696	106124	111552	116980	122407
2"-7/8	100809	106237	111665	117093	122521
3"-0/8	100922	106350	111778	117206	122634
3"-1/8	101036	106463	111891	117319	122747
3"-2/8	101149	106576	112004	117432	122860
3"-3/8	101262	106689	112117	117545	122973
3"-4/8	101375	106803	112230	117658	123086
3"-5/8	101488	106916	112343	117771	123199
3"-6/8	101601	107029	112457	117884	123312
3"-7/8	101714	107142	112570	117997	123425
4"-0/8	101827	107255	112683	118110	123538
4"-1/8	101940	107368	112796	118224	123651
4"-2/8	102053	107481	112909	118337	123764
4"-3/8	102166	107594	113022	118450	123877
4"-4/8	102279	107707	113135	118563	123990
4"-5/8	102392	107820	113248	118676	124103
4"-6/8	102506	107933	113361	118789	124216
4"-7/8	102619	108046	113474	118902	124330
5"-0/8	102732	108159	113587	119015	124443
5"-1/8	102845	108273	113700	119128	124556
5"-2/8	102958	108386	113813	119241	124669
5"-3/8	103071	108499	113927	119354	124782
5"-4/8	103184	108612	114040	119467	124895
5"-5/8	103297	108725	114153	119580	125008
5"-6/8	103410	108838	114266	119694	125121
5"-7/8	103523	108951	114379	119807	125234
6"-0/8	125348				
6"-1/8	125461				
6"-2/8	125574				
6"-3/8	125687				
6"-4/8	125800				
6"-5/8	125913				
6"-6/8	126026				
6"-7/8	126139				
7"-0/8	126252				
7"-1/8	126365				
7"-2/8	126478				
7"-3/8	126591				
7"-4/8	126704				
7"-5/8	126818				
7"-6/8	126931				
7"-7/8	127044				
8"-0/8	127157				
8"-1/8	127270				
8"-2/8	127383				
8"-3/8	127496				
8"-4/8	127609				
8"-5/8	127722				
8"-6/8	127835				
8"-7/8	127948				
9"-0/8	128061				
9"-1/8	128175				
9"-2/8	128288				
9"-3/8	128401				
9"-4/8	128514				
9"-5/8	128627				
9"-6/8	128740				
9"-7/8	128853				
10"-0/8	128966				
10"-1/8	129079				
10"-2/8	129192				
10"-3/8	129305				
10"-4/8	129418				
10"-5/8	129531				
10"-6/8	129645				
10"-7/8	129758				
11"-0/8	129871				
11"-1/8	129984				
11"-2/8	130097				
11"-3/8	130210				
11"-4/8	130323				
11"-5/8	130436				
11"-6/8	130549				
11"-7/8	130662				

# BARGE NUMBER IB9513

PREVIOUSLY BARGE - STAR 513

## INNAGE GAUGE CHART

REPORTED IN U.S. GALLONS

TANK NO: 2

13 FEET

14 FEET

12 FEET	13 FEET	14 FEET
0"-0/8	0"-0/8	0"-0/8
0"-1/8	0"-1/8	0"-1/8
0"-2/8	0"-2/8	0"-2/8
0"-3/8	0"-3/8	0"-3/8
0"-4/8	0"-4/8	0"-4/8
0"-5/8	0"-5/8	0"-5/8
0"-6/8	0"-6/8	0"-6/8
0"-7/8	0"-7/8	0"-7/8
1"-0/8	1"-0/8	1"-0/8
1"-1/8	1"-1/8	1"-1/8
1"-2/8	1"-2/8	1"-2/8
1"-3/8	1"-3/8	1"-3/8
1"-4/8	1"-4/8	1"-4/8
1"-5/8	1"-5/8	1"-5/8
1"-6/8	1"-6/8	1"-6/8
1"-7/8	1"-7/8	1"-7/8
2"-0/8	2"-0/8	2"-0/8
2"-1/8	2"-1/8	2"-1/8
2"-2/8	2"-2/8	2"-2/8
2"-3/8	2"-3/8	2"-3/8
2"-4/8	2"-4/8	2"-4/8
2"-5/8	2"-5/8	2"-5/8
2"-6/8	2"-6/8	2"-6/8
2"-7/8	2"-7/8	2"-7/8
3"-0/8	3"-0/8	3"-0/8
3"-1/8	3"-1/8	3"-1/8
3"-2/8	3"-2/8	3"-2/8
3"-3/8	3"-3/8	3"-3/8
3"-4/8	3"-4/8	3"-4/8
3"-5/8	3"-5/8	3"-5/8
3"-6/8	3"-6/8	3"-6/8
3"-7/8	3"-7/8	3"-7/8
4"-0/8	4"-0/8	4"-0/8
4"-1/8	4"-1/8	4"-1/8
4"-2/8	4"-2/8	4"-2/8
4"-3/8	4"-3/8	4"-3/8
4"-4/8	4"-4/8	4"-4/8
4"-5/8	4"-5/8	4"-5/8
4"-6/8	4"-6/8	4"-6/8
4"-7/8	4"-7/8	4"-7/8
5"-0/8	5"-0/8	5"-0/8
5"-1/8	5"-1/8	5"-1/8
5"-2/8	5"-2/8	5"-2/8
5"-3/8	5"-3/8	5"-3/8
5"-4/8	5"-4/8	5"-4/8
5"-5/8	5"-5/8	5"-5/8
5"-6/8	5"-6/8	5"-6/8
5"-7/8	5"-7/8	5"-7/8

148962

148962

146787

146787

146868

146868

146949

146949

147030

147030

147110

147110

147191

147191

147272

147272

147340

147340

147408

147408

147476

147476

147543

147543

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148506

148506

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148794

148823

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148839

148839

148855

148855

148871

148871

148887

148887

148903

148903

148920

148920

148936

148936

148952

148952

148957

148957

# BARGE NUMBER IB9513

PREVIOUSLY BARGE - STAR 513

## INNAGE GAUGE CHART

REPORTED IN U.S. GALLONS

TANK NO: 3

0 FEET		1 FEET		2 FEET	
0"-0/8	6"-0/8	0"-0/8	6"-0/8	0"-0/8	6"-0/8
545	5968	11392	16816	22240	27664
0"-1/8	6"-1/8	11505	16929	22353	27777
0"-2/8	6"-2/8	11618	17042	22466	27890
0"-3/8	6"-3/8	11731	17155	22579	28002
0"-4/8	6"-4/8	11844	17268	22692	28115
0"-5/8	6"-5/8	11957	17381	22805	28228
0"-6/8	6"-6/8	12070	17494	22918	28341
0"-7/8	6"-7/8	12183	17607	23031	28454
1"-0/8	7"-0/8	12296	17720	23144	28567
1"-1/8	7"-1/8	12409	17833	23257	28680
1"-2/8	7"-2/8	12522	17946	23370	28793
1"-3/8	7"-3/8	12635	18059	23483	28906
1"-4/8	7"-4/8	12748	18172	23596	29019
1"-5/8	7"-5/8	12861	18285	23709	29132
1"-6/8	7"-6/8	12974	18398	23822	29245
1"-7/8	7"-7/8	13087	18511	23935	29358
2"-0/8	8"-0/8	13200	18624	24048	29471
2"-1/8	8"-1/8	13313	18737	24161	29584
2"-2/8	8"-2/8	13426	18850	24274	29697
2"-3/8	8"-3/8	13539	18963	24387	29810
2"-4/8	8"-4/8	13652	19076	24500	29923
2"-5/8	8"-5/8	13765	19189	24613	30036
2"-6/8	8"-6/8	13878	19302	24726	30149
2"-7/8	8"-7/8	13991	19415	24839	30262
3"-0/8	9"-0/8	14104	19528	24952	30375
3"-1/8	9"-1/8	14217	19641	25065	30488
3"-2/8	9"-2/8	14330	19754	25178	30601
3"-3/8	9"-3/8	14443	19867	25291	30714
3"-4/8	9"-4/8	14556	19980	25404	30827
3"-5/8	9"-5/8	14669	20093	25517	30940
3"-6/8	9"-6/8	14782	20206	25630	31053
3"-7/8	9"-7/8	14895	20319	25743	31166
4"-0/8	10"-0/8	15008	20432	25856	31279
4"-1/8	10"-1/8	15121	20545	25969	31392
4"-2/8	10"-2/8	15234	20658	26082	31505
4"-3/8	10"-3/8	15347	20771	26195	31618
4"-4/8	10"-4/8	15460	20884	26308	31731
4"-5/8	10"-5/8	15573	20997	26421	31844
4"-6/8	10"-6/8	15686	21110	26534	31957
4"-7/8	10"-7/8	15799	21223	26647	32070
5"-0/8	11"-0/8	15912	21336	26760	32183
5"-1/8	11"-1/8	16025	21449	26873	32296
5"-2/8	11"-2/8	16138	21562	26986	32409
5"-3/8	11"-3/8	16251	21675	27099	32522
5"-4/8	11"-4/8	16364	21788	27212	32635
5"-5/8	11"-5/8	16477	21901	27325	32748
5"-6/8	11"-6/8	16590	22014	27438	32861
5"-7/8	11"-7/8	16703	22127	27551	32974

# BARGE NUMBER IB9513

PREVIOUSLY BARGE - STAR 513

## INNAGE GAUGE CHART

### REPORTED IN U.S. GALLONS

TANK NO: 3

		3 FEET			4 FEET			5 FEET			
0"-0/8	33087	6"-0/8	38511	0"-0/8	43935	6"-0/8	49359	0"-0/8	54784	6"-0/8	60206
0"-1/8	33200	6"-1/8	38624	0"-1/8	44048	6"-1/8	49472	0"-1/8	54897	6"-1/8	60321
0"-2/8	33313	6"-2/8	38737	0"-2/8	44161	6"-2/8	49585	0"-2/8	55010	6"-2/8	60434
0"-3/8	33426	6"-3/8	38850	0"-3/8	44274	6"-3/8	49698	0"-3/8	55123	6"-3/8	60547
0"-4/8	33539	6"-4/8	38963	0"-4/8	44387	6"-4/8	49811	0"-4/8	55236	6"-4/8	60660
0"-5/8	33652	6"-5/8	39076	0"-5/8	44500	6"-5/8	49924	0"-5/8	55349	6"-5/8	60773
0"-6/8	33765	6"-6/8	39189	0"-6/8	44613	6"-6/8	50037	0"-6/8	55462	6"-6/8	60886
0"-7/8	33878	6"-7/8	39302	0"-7/8	44726	6"-7/8	50150	0"-7/8	55575	6"-7/8	60999
1"-0/8	33991	7"-0/8	39415	1"-0/8	44839	7"-0/8	50263	1"-0/8	55688	7"-0/8	61112
1"-1/8	34104	7"-1/8	39528	1"-1/8	44952	7"-1/8	50376	1"-1/8	55801	7"-1/8	61225
1"-2/8	34217	7"-2/8	39641	1"-2/8	45065	7"-2/8	50489	1"-2/8	55914	7"-2/8	61338
1"-3/8	34330	7"-3/8	39754	1"-3/8	45178	7"-3/8	50602	1"-3/8	56027	7"-3/8	61451
1"-4/8	34443	7"-4/8	39867	1"-4/8	45291	7"-4/8	50715	1"-4/8	56140	7"-4/8	61564
1"-5/8	34556	7"-5/8	39980	1"-5/8	45404	7"-5/8	50828	1"-5/8	56253	7"-5/8	61677
1"-6/8	34669	7"-6/8	40093	1"-6/8	45517	7"-6/8	50941	1"-6/8	56366	7"-6/8	61790
1"-7/8	34781	7"-7/8	40206	1"-7/8	45630	7"-7/8	51054	1"-7/8	56479	7"-7/8	61903
2"-0/8	34894	8"-0/8	40319	2"-0/8	45743	8"-0/8	51167	2"-0/8	56592	8"-0/8	62016
2"-1/8	35007	8"-1/8	40432	2"-1/8	45856	8"-1/8	51280	2"-1/8	56705	8"-1/8	62129
2"-2/8	35120	8"-2/8	40545	2"-2/8	45969	8"-2/8	51393	2"-2/8	56818	8"-2/8	62242
2"-3/8	35233	8"-3/8	40658	2"-3/8	46082	8"-3/8	51506	2"-3/8	56931	8"-3/8	62355
2"-4/8	35346	8"-4/8	40771	2"-4/8	46195	8"-4/8	51619	2"-4/8	57044	8"-4/8	62468
2"-5/8	35459	8"-5/8	40884	2"-5/8	46308	8"-5/8	51732	2"-5/8	57157	8"-5/8	62581
2"-6/8	35572	8"-6/8	40997	2"-6/8	46421	8"-6/8	51845	2"-6/8	57270	8"-6/8	62694
2"-7/8	35685	8"-7/8	41110	2"-7/8	46534	8"-7/8	51958	2"-7/8	57383	8"-7/8	62807
3"-0/8	35798	9"-0/8	41223	3"-0/8	46647	9"-0/8	52071	3"-0/8	57496	9"-0/8	62920
3"-1/8	35911	9"-1/8	41336	3"-1/8	46760	9"-1/8	52184	3"-1/8	57609	9"-1/8	63033
3"-2/8	36024	9"-2/8	41449	3"-2/8	46873	9"-2/8	52297	3"-2/8	57722	9"-2/8	63146
3"-3/8	36137	9"-3/8	41562	3"-3/8	46986	9"-3/8	52410	3"-3/8	57835	9"-3/8	63259
3"-4/8	36250	9"-4/8	41675	3"-4/8	47099	9"-4/8	52524	3"-4/8	57948	9"-4/8	63372
3"-5/8	36363	9"-5/8	41788	3"-5/8	47212	9"-5/8	52637	3"-5/8	58061	9"-5/8	63485
3"-6/8	36476	9"-6/8	41901	3"-6/8	47325	9"-6/8	52750	3"-6/8	58174	9"-6/8	63598
3"-7/8	36589	9"-7/8	42014	3"-7/8	47438	9"-7/8	52863	3"-7/8	58287	9"-7/8	63711
4"-0/8	36702	10"-0/8	42127	4"-0/8	47551	10"-0/8	52976	4"-0/8	58400	10"-0/8	63824
4"-1/8	36816	10"-1/8	42240	4"-1/8	47664	10"-1/8	53089	4"-1/8	58513	10"-1/8	63937
4"-2/8	36929	10"-2/8	42353	4"-2/8	47777	10"-2/8	53202	4"-2/8	58626	10"-2/8	64050
4"-3/8	37042	10"-3/8	42466	4"-3/8	47890	10"-3/8	53315	4"-3/8	58739	10"-3/8	64163
4"-4/8	37155	10"-4/8	42579	4"-4/8	48003	10"-4/8	53428	4"-4/8	58852	10"-4/8	64276
4"-5/8	37268	10"-5/8	42692	4"-5/8	48116	10"-5/8	53541	4"-5/8	58965	10"-5/8	64389
4"-6/8	37381	10"-6/8	42805	4"-6/8	48229	10"-6/8	53654	4"-6/8	59078	10"-6/8	64502
4"-7/8	37494	10"-7/8	42918	4"-7/8	48342	10"-7/8	53767	4"-7/8	59191	10"-7/8	64615
5"-0/8	37607	11"-0/8	43031	5"-0/8	48455	11"-0/8	53880	5"-0/8	59304	11"-0/8	64728
5"-1/8	37720	11"-1/8	43144	5"-1/8	48568	11"-1/8	53993	5"-1/8	59417	11"-1/8	64841
5"-2/8	37833	11"-2/8	43257	5"-2/8	48681	11"-2/8	54106	5"-2/8	59530	11"-2/8	64954
5"-3/8	37946	11"-3/8	43370	5"-3/8	48794	11"-3/8	54219	5"-3/8	59643	11"-3/8	65067
5"-4/8	38059	11"-4/8	43483	5"-4/8	48907	11"-4/8	54332	5"-4/8	59756	11"-4/8	65180
5"-5/8	38172	11"-5/8	43596	5"-5/8	49020	11"-5/8	54445	5"-5/8	59869	11"-5/8	65293
5"-6/8	38285	11"-6/8	43709	5"-6/8	49133	11"-6/8	54558	5"-6/8	59982	11"-6/8	65406
5"-7/8	38398	11"-7/8	43822	5"-7/8	49246	11"-7/8	54671	5"-7/8	60095	11"-7/8	65519

# BARGE NUMBER IB9513

PREVIOUSLY BARGE - STAR 513

## INNAGE GAUGE CHART

REPORTED IN U.S. GALLONS

TANK NO: 3

6 FEET		7 FEET		8 FEET	
0"-0/8	65632	71057	76481	81905	87330
0"-1/8	65745	71170	76594	82018	87443
0"-2/8	65858	71283	76707	82131	87556
0"-3/8	65971	71396	76820	82244	87669
0"-4/8	66084	71509	76933	82357	87782
0"-5/8	66197	71622	77046	82470	87895
0"-6/8	66310	71735	77159	82583	88008
0"-7/8	66423	71848	77272	82696	88121
1"-0/8	66536	71961	77385	82809	88234
1"-1/8	66649	72074	77498	82922	88347
1"-2/8	66762	72187	77611	83035	88460
1"-3/8	66875	72300	77724	83148	88573
1"-4/8	66989	72413	77837	83261	88686
1"-5/8	67101	72526	77950	83374	88799
1"-6/8	67214	72639	78063	83487	88912
1"-7/8	67327	72752	78176	83600	89025
2"-0/8	67440	72865	78289	83713	89138
2"-1/8	67553	72978	78402	83826	89251
2"-2/8	67666	73091	78515	83940	89364
2"-3/8	67779	73204	78628	84053	89477
2"-4/8	67892	73317	78741	84166	89590
2"-5/8	68005	73430	78854	84279	89703
2"-6/8	68118	73543	78967	84392	89816
2"-7/8	68232	73656	79080	84505	89929
3"-0/8	68345	73769	79193	84618	90042
3"-1/8	68458	73882	79306	84731	90155
3"-2/8	68571	73995	79419	84844	90268
3"-3/8	68684	74108	79532	84957	90381
3"-4/8	68797	74221	79645	85070	90494
3"-5/8	68910	74334	79758	85183	90607
3"-6/8	69023	74447	79871	85296	90720
3"-7/8	69136	74560	79984	85409	90833
4"-0/8	69249	74673	80097	85522	90946
4"-1/8	69362	74786	80210	85635	91059
4"-2/8	69475	74899	80323	85748	91172
4"-3/8	69588	75012	80436	85861	91285
4"-4/8	69701	75125	80549	85974	91398
4"-5/8	69814	75238	80662	86087	91511
4"-6/8	69927	75351	80775	86200	91624
4"-7/8	70040	75464	80888	86313	91737
5"-0/8	70153	75577	81001	86426	91850
5"-1/8	70266	75690	81114	86539	91963
5"-2/8	70379	75803	81227	86652	92076
5"-3/8	70492	75916	81340	86765	92189
5"-4/8	70605	76029	81453	86878	92302
5"-5/8	70718	76142	81566	86991	92415
5"-6/8	70831	76255	81679	87104	92528
5"-7/8	70944	76368	81792	87217	92641
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6"-1/8	92867				
6"-2/8	92980				
6"-3/8	93093				
6"-4/8	93206				
6"-5/8	93319				
6"-6/8	93432				
6"-7/8	93545				
7"-0/8	93658				
7"-1/8	93771				
7"-2/8	93884				
7"-3/8	93997				
7"-4/8	94110				
7"-5/8	94223				
7"-6/8	94336				
7"-7/8	94449				
8"-0/8	94562				
8"-1/8	94675				
8"-2/8	94788				
8"-3/8	94901				
8"-4/8	95014				
8"-5/8	95127				
8"-6/8	95240				
8"-7/8	95353				
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10"-2/8	96596				
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10"-5/8	96935				
10"-6/8	97048				
10"-7/8	97161				
11"-0/8	97274				
11"-1/8	97387				
11"-2/8	97500				
11"-3/8	97613				
11"-4/8	97726				
11"-5/8	97839				
11"-6/8	97952				
11"-7/8	98065				

# BARGE NUMBER IB9513

PREVIOUSLY BARGE - STAR 513

## INNAGE GAUGE CHART

### REPORTED IN U.S. GALLONS

TANK NO: 3

9 FEET		10 FEET		11 FEET	
0"-0/8	98178	103603	109027	114436	119763
0"-1/8	98291	103716	109140	114549	119873
0"-2/8	98404	103829	109253	114661	119984
0"-3/8	98517	103942	109366	114773	120094
0"-4/8	98630	104055	109479	114885	120204
0"-5/8	98743	104168	109592	114997	120314
0"-6/8	98856	104281	109705	115109	120424
0"-7/8	98969	104394	109818	115220	120533
1"-0/8	99082	104507	109931	115331	120643
1"-1/8	99195	104620	110044	115443	120752
1"-2/8	99308	104733	110157	115554	120862
1"-3/8	99421	104846	110270	115666	120971
1"-4/8	99534	104959	110383	115777	121080
1"-5/8	99648	105072	110496	115888	121190
1"-6/8	99761	105185	110609	116000	121299
1"-7/8	99874	105298	110722	116111	121409
2"-0/8	99987	105411	110835	116223	121518
2"-1/8	100100	105524	110948	116334	121628
2"-2/8	100213	105637	111061	116445	121737
2"-3/8	100326	105750	111174	116557	121846
2"-4/8	100439	105863	111287	116668	121956
2"-5/8	100552	105976	111400	116779	122065
2"-6/8	100665	106089	111513	116891	122175
2"-7/8	100778	106202	111626	117002	122284
3"-0/8	100891	106315	111739	117112	122392
3"-1/8	101004	106428	111851	117223	122501
3"-2/8	101117	106541	111964	117334	122610
3"-3/8	101230	106654	112077	117444	122719
3"-4/8	101343	106767	112189	117555	122827
3"-5/8	101456	106880	112302	117666	122936
3"-6/8	101569	106993	112415	117777	123045
3"-7/8	101682	107106	112527	117887	123154
4"-0/8	101795	107219	112640	117998	123263
4"-1/8	101908	107332	112753	118109	123371
4"-2/8	102021	107445	112865	118220	123480
4"-3/8	102134	107558	112978	118330	123589
4"-4/8	102247	107671	113091	118441	123698
4"-5/8	102360	107784	113203	118552	123807
4"-6/8	102473	107897	113316	118663	123915
4"-7/8	102586	108010	113428	118773	124023
5"-0/8	102699	108123	113540	118883	124132
5"-1/8	102812	108236	113652	118993	124240
5"-2/8	102925	108349	113764	119103	124348
5"-3/8	103038	108462	113876	119213	124456
5"-4/8	103151	108575	113988	119323	124564
5"-5/8	103264	108688	114100	119433	124672
5"-6/8	103377	108801	114212	119543	124780
5"-7/8	103490	108914	114324	119653	124888
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# BARGE NUMBER IB9513

PREVIOUSLY BARGE - STAR 513

## INNAGE GAUGE CHART

REPORTED IN U.S. GALLONS

TANK NO: 3

14 FEET

13 FEET

12 FEET

0"-0/8	0"-1/8	0"-2/8	0"-3/8	0"-4/8	0"-5/8	0"-6/8	0"-7/8	6"-0/8	6"-1/8	6"-2/8	6"-3/8	6"-4/8	6"-5/8	6"-6/8	6"-7/8	7"-0/8	7"-1/8	7"-2/8	7"-3/8	7"-4/8	7"-5/8	7"-6/8	7"-7/8	8"-0/8	8"-1/8	8"-2/8	8"-3/8	8"-4/8	8"-5/8	8"-6/8	8"-7/8	9"-0/8	9"-1/8	9"-2/8	9"-3/8	9"-4/8	9"-5/8	9"-6/8	9"-7/8	10"-0/8	10"-1/8	10"-2/8	10"-3/8	10"-4/8	10"-5/8	10"-6/8	10"-7/8	11"-0/8	11"-1/8	11"-2/8	11"-3/8	11"-4/8	11"-5/8	11"-6/8	11"-7/8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
130136	130242	130349	130455	130561	130667	130773	130879	135182	135287	135391	135495	135599	135704	135808	135912	136015	136119	136223	136327	136430	136534	136638	136741	136845	136949	137052	137156	137259	137363	137466	137570	137674	137777	137881	137984	138088	138192	138295	138399	138502	138606	138709	138813	138917	139020	139124	139227	139331	139435	139538	139642	139745	139849	139952	140056																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
140160	140263	140367	140470	140574	140678	140781	140885	144883	144957	145031	145105	145179	145253	145327	145389	145451	145513	145576	145638	145700	145762	145824	145874	145925	145975	146025	146076	146126	146176	146227	146265	146304	146342	146381	146419	146457	146496	146534	146561	146588	146614	146641	146668	146694	146721	146747	146762	146777	146792	146807	146821	146836	146851	146866	146872																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
141817	141921	142024	142128	142231	142335	142438	142542	142646	142749	142853	142956	143060	143064	143267	143365	143462	143560	143658	143755	143853	143951	144048	144134	144220	144306	144392	144478	144563	144649	144735	144808	144885	144971	145057	145143	145229	145315	145401	145487	145573	145659	145745	145831	145917	146003	146089	146175	146261	146347	146433	146519	146605	146691	146777	146863	146949	147035	147121	147207	147293	147379	147465	147551	147637	147723	147809	147895	147981	148067	148153	148239	148325	148411	148497	148583	148669	148755	148841	148927	149013	149099	149185	149271	149357	149443	149529	149615	149701	149787	149873	149959	150045	150131	150217	150303	150389	150475	150561	150647	150733	150819	150905	150991	151077	151163	151249	151335	151421	151507	151593	151679	151765	151851	151937	152023	152109	152195	152281	152367	152453	152539	152625	152711	152797	152883	152969	153055	153141	153227	153313	153399	153485	153571	153657	153743	153829	153915	154001	154087	154173	154259	154345	154431	154517	154603	154689	154775	154861	154947	155033	155119	155205	155291	155377	155463	155549	155635	155721	155807	155893	155979	156065	156151	156237	156323	156409	156495	156581	156667	156753	156839	156925	157011	157097	157183	157269	157355	157441	157527	157613	157699	157785	157871	157957	158043	158129	158215	158301	158387	158473	158559	158645	158731	158817	158903	158989	159075	159161	159247	159333	159419	159505	159591	159677	159763	159849	159935	160021	160107	160193	160279	160365	160451	160537	160623	160709	160795	160881	160967	161053	161139	161225	161311	161397	161483	161569	161655	161741	161827	161913	162000	162086	162172	162258	162344	162430	162516	162602	162688	162774	162860	162946	163032	163118	163204	163290	163376	163462	163548	163634	163720	163806	163892	163978	164064	164150	164236	164322	164408	164494	164580	164666	164752	164838	164924	165010	165096	165182	165268	165354	165440	165526	165612	165698	165784	165870	165956	166042	166128	166214	166300	166386	166472	166558	166644	166730	166816	166902	166988	167074	167160	167246	167332	167418	167504	167590	167676	167762	167848	167934	168020	168106	168192	168278	168364	168450	168536	168622	168708	168794	168880	168966	169052	169138	169224	169310	169396	169482	169568	169654	169740	169826	169912	170000	170086	170172	170258	170344	170430	170516	170602	170688	170774	170860	170946	171032	171118	171204	171290	171376	171462	171548	171634	171720	171806	171892	171978	172064	172150	172236	172322	172408	172494	172580	172666	172752	172838	172924	173010	173096	173182	173268	173354	173440	173526	173612	173698	173784	173870	173956	174042	174128	174214	174300	174386	174472	174558	174644	174730	174816	174902	174988	175074	175160	175246	175332	175418	175504	175590	175676	175762	175848	175934	176020	176106	176192	176278	176364	176450	176536	176622	176708	176794	176880	176966	177052	177138	177224	177310	177396	177482	177568	177654	177740	177826	177912	178000	178086	178172	178258	178344	178430	178516	178602	178688	178774	178860	178946	179032	179118	179204	179290	179376	179462	179548	179634	179720	179806	179892	179978	180064	180150	180236	180322	180408	180494	180580	180666	180752	180838	180924	181010	181096	181182	181268	181354	181440	181526	181612	181698	181784	181870	181956	182042	182128	182214	182300	182386	182472	182558	182644	182730	182816	182902	182988	183074	183160	183246	183332	183418	183504	183590	183676	183762	183848	183934	184020	184106	184192	184278	184364	184450	184536	184622	184708	184794	184880	184966	185052	185138	185224	185310	185396	185482	185568	185654	185740	185826	185912	186000	186086	186172	186258	186344	186430	186516	186602	186688	186774	186860	186946	187032	187118	187204	187290	187376	187462	187548	187634	187720	187806	187892	187978	188064	188150	188236	188322	188408	188494	188580	188666	188752	188838	188924	189010	189096	189182	189268	189354	189440	189526	189612	189698	189784	189870	189956	190042	190128	190214	190300	190386	190472	190558	190644	190730	190816	190902	190988	191074	191160	191246	191332	191418	191504	191590	191676	191762	191848	191934	192020	192106	192192	192278	192364	192450	192536	192622	192708	192794	192880	192966	193052	193138	193224	193310	193396	193482	193568	193654	193740	193826	193912	194000	194086	194172	194258	194344	194430	194516	194602	194688	194774	194860	194946	195032	195118	195204	195290	195376	195462	195548	195634	195720	195806	195892	195978	196064	196150	196236	196322	196408	196494	196580	196666	196752	196838	196924	197010	197096	197182	197268	197354	197440	197526	197612	197698	197784	197870	197956	198042	198128	198214	198300	198386	198472	198558	198644	198730	198816	198902	198988	199074	199160	199246	199332	199418	199504	199590	199676	199762	199848	199934	200020	200106	200192	200278	200364	200450	200536	200622	200708	200794	200880	200966	201052	201138	201224	201310	201396	201482	201568	201654	201740	201826	201912	202000	202086	202172	202258	202344	202430	202516	202602	202688	202774	202860	202946	203032	203118	203204	203290	203376	203462	203548	203634	203720	203806	203892	203978	204064	204150	204236	204322	204408	204494	204580	204666	204752	204838	204924	205010	205096	205182	205268	205354	205440	205526	205612	205698	205784	205870	205956	206042	206128	206214	206300	206386	206472	206558	206644	206730	206816	206902	206988	207074	207160	207246	207332	207418	207504	207590	207676	207762	207848	207934	208020	208106	208192	208278	208364	208450	208536	208622	208708	208794	208880	208966	209052	209138	209224	209310	209396	209482	209568	209654	209740	209826	209912	210000	210086	210172	210258	210344	210430	210516	210602	210688	210774	210860	210946	211032	211118	211204	211290	211376	211462	211548	211634	211720	211806	211892	211978	212064	212150	212236	212322	212408	212494	212580	212666	212752	212838	212924	213010	213096	213182	213268	213354	2