

**PE03-044**  
**FORD**  
**5/13/2005**  
**APPENDIX I**  
**BOOK 1 OF 28**  
**PART 4 OF 4**

326812	5000	4374.842285	23.0
326869	4999	4358.410158	23.0
326725	5000	4370.333008	23.1
326781	5001	4377.080078	23.0
326837	4998	4369.975098	23.0
326893	5001	4375.076172	23.0
326849	5002	4418.012695	23.1
327005	5002	4407.422852	23.0
327081	5003	4422.823535	23.0
327117	5001	4437.987793	23.0
327173	4999	4402.757812	23.0
327230	5001	4388.273437	23.0
327288	4997	4368.527832	23.0
327341	4999	4380.141113	23.1
327397	5000	4358.328172	23.1
327454	4998	4369.314453	23.0
327510	4996	4354.821875	23.1
327566	4999	4353.458055	23.1
327622	4999	4364.117187	23.2
327678	4997	4388.023826	23.1
327734	4998	4400.922852	23.0
327789	4997	4386.288133	23.0
327845	5003	4371.846873	23.0
327901	4999	4418.126465	23.0
327957	5000	4407.217285	23.1
328013	4999	4390.64209	23.0
328069	4999	4415.105857	23.1
328125	4997	4448.134766	23.0
328181	4998	4408.464844	23.2
328237	4999	4411.546875	23.1
328292	5001	4419.203125	23.1
328348	5001	4395.383788	23.1
328404	4998	4411.287598	23.1
328460	5003	4388.843359	23.0
328516	5000	4376.985352	23.0
328572	4996	4405.172383	23.2
328628	5000	4393.73877	23.1
328684	5004	4422.33252	23.1
328740	5005	4387.498047	23.0
328796	5003	4381.827637	23.0
328852	4999	4412.84043	23.0
328908	5005	4411.803711	23.0
328964	5002	4407.559082	23.1
329020	5000	4439.887012	23.1
329076	5003	4381.328125	23.1
329132	4997	4401.794434	23.0
329188	4998	4353.904287	23.0
329244	5000	4398.851074	23.0
329300	4998	4409.486309	23.1
329355	4999	4413.619141	23.0
329411	4997	4398.164082	23.1
329467	4998	4374.811523	23.2

329523	4999	4379.924316	23.0
329579	4997	4410.174316	23.0
329636	4995	4396.399902	23.1
329692	4998	4388.78709	23.1
329748	4998	4385.180645	23.1
329804	4997	4368.868164	23.0
329860	4998	4389.379395	23.0
329916	4995	4389.720703	23.0
329973	4999	4425.249023	23.1
330029	5001	4418.725588	23.0
330085	4998	4410.320801	23.0
330141	4996	4408.783691	23.1
330196	4998	4420.557817	23.1
330254	4998	4382.481914	23.1
330310	4998	4382.154785	23.1
330366	4999	4368.882324	23.0
330422	5001	4387.412588	23.0
330478	5001	4404.044434	23.1
330534	4994	4373.143555	23.1
330590	4997	4382.214844	23.0
330646	4999	4379.419822	23.0
330702	4998	4349.907715	23.1
330758	4999	4372.570801	23.1
330814	5000	4365.388437	23.1
330870	5000	4387.188523	23.1
330926	4999	4391.450195	23.0
330982	5001	4357.083008	23.0
331038	5000	4375.878027	23.1
331095	4998	4416.290039	23.0
331151	5000	4399.195801	23.0
331208	5003	4421.248535	23.0
331264	5003	4409.303223	23.0
331320	5001	4429.188985	23.0
331376	5003	4430.84668	23.0
331432	5001	4416.113281	23.1
331488	5000	4391.687012	23.0
331544	5002	4415.332031	23.0
331600	5000	4362.628418	23.0
331656	5004	4401.317671	23.0
331712	5001	4393.855782	23.0
331767	4997	4388.032715	23.0
331824	4999	4340.438035	23.0
331879	4999	4334.395896	23.0
331935	4999	4345.845703	23.0
331991	4998	4358.828172	23.0
332048	5003	4385.556152	23.0
332103	4998	4425.934082	23.0
332159	5003	4401.948801	23.0
332215	5002	4428.432817	23.1
332271	5003	4408.495805	23.1
332328	4999	4375.817383	23.1
332382	5004	4420.501465	23.0

332438	4998	4379.183584	23.0
332494	5000	4405.05857	23.0
332551	5000	4418.758301	23.0
332607	5000	4378.182109	23.0
332684	5002	4345.827637	23.0
332719	4998	4397.724121	23.1
332775	5001	4378.89043	23.0
332831	5002	4384.40625	23.1
332887	4997	4340.134788	23.0
332942	5002	4394.312012	23.1
332999	4999	4362.270508	23.0
333056	4998	4380.458498	23.0
333111	5000	4412.845886	23.0
333167	4999	4398.818848	23.0
333223	4999	4418.35498	23.0
333280	5003	4403.823242	23.0
333336	5000	4380.455078	23.0
333392	5001	4354.980723	23.1
333448	5001	4390.225586	23.0
333504	5004	4346.184824	23.0
333560	5002	4329.083498	23.0
333616	5000	4334.035845	23.0
333672	5000	4374.842578	23.0
333728	4997	4379.876485	23.0
333784	4998	4387.895801	23.1
333841	5000	4372.918016	23.0
333897	5001	4384.867676	23.0
333953	5002	4383.390137	23.1
334009	5002	4385.86377	23.0
334065	5003	4381.432817	23.1
334120	5003	4368.850088	23.0
334176	5001	4382.387695	23.0
334232	5000	4370.179189	23.0
334288	5002	4391.058841	23.0
334344	5005	4367.788086	23.0
334400	5006	4388.230469	23.0
334457	5005	4388.750877	23.1
334512	5002	4342.533203	23.0
334568	4997	4375.327637	23.0
334625	5005	4359.92334	23.1
334681	4998	4365.089121	23.0
334738	5002	4350.130371	23.0
334792	5001	4342.464844	23.0
334848	5001	4368.028809	23.0
334904	5003	4371.269531	23.1
334960	5005	4377.641802	23.0
335016	5003	4378.078172	23.0
335072	5000	4387.767578	23.0
335128	4997	4379.608934	23.0
335185	5004	4380.708984	23.0
335240	5004	4378.218282	23.0
335296	5006	4412.385508	23.1

335352	5001	4406.287109	23.0
335408	5003	4386.678711	23.1
335483	5002	4440.774414	23.0
335519	5001	4403.002441	23.1
335575	4999	4391.75	23.0
335631	5003	4401.734375	23.0
335687	5001	4364.000877	23.0
335743	5004	4385.032227	23.1
335789	5002	4385.058841	23.1
335855	5003	4388.848289	23.1
335912	5001	4385.24707	23.0
335988	5001	4368.801758	23.0
336024	5004	4352.802344	23.1
336080	5000	4374.441885	23.1
336136	5001	4388.522481	23.0
336192	5000	4369.365723	23.0
336248	5000	4345.58252	23.0
336304	4998	4375.843555	23.1
336361	5001	4375.618852	23.1
336416	4998	4380.984376	23.2
336472	4999	4383.354004	23.0
336528	5000	4393.508406	23.2
336584	5001	4378.408888	23.1
336640	5004	4382.775391	23.2
336697	4997	4382.458543	23.1
336753	5000	4419.851367	23.1
336809	5001	4384.357422	23.1
336865	5000	4415.518555	23.1
336921	5000	4435.808834	23.1
336977	5000	4377.23877	23.1
337033	4998	4375.541992	23.1
337090	5000	4392.483388	23.0
337146	5001	4404.64209	23.2
337203	4995	4388.272481	23.0
337259	4997	4423.22898	23.0
337315	4998	4409.888872	23.2
337371	5001	4386.183086	23.0
337428	4999	4389.783457	23.0
337482	4999	4385.752441	23.0
337538	5001	4391.423828	23.0
337594	4983	4386.978516	23.0
337650	4997	4362.8125	23.1
337706	4997	4391.584961	23.0
337762	5003	4425.775391	23.0
337818	4998	4401.189434	23.0
337874	4999	4426.182129	23.0
337929	5000	4409.275879	23.1
337985	4996	4378.277832	23.1
338042	5002	4899.23877	23.0
338098	5003	4360.993852	23.1
338154	4999	4428.108883	23.0
338210	5001	4416.888719	23.0

338286	5002	4403.135254	23.0
338322	5000	4401.533203	23.1
338379	5000	4395.591797	23.0
338435	5000	4384.48977	23.0
338490	4996	4386.208984	23.0
338547	4999	4389.304687	23.0
338603	5000	4381.032715	23.1
338659	4999	4362.515137	23.0
338715	5002	4397.321289	23.1
338771	4998	4385.216797	23.1
338826	5001	4384.599121	23.1
338883	4999	4366.678711	23.0
338939	4998	4355.886328	23.1
338994	5001	4384.544922	23.0
339051	5002	4351.164551	23.0
339107	5000	4357.018113	23.0
339163	5002	4364.97168	23.1
339219	4998	4379.394531	23.0
339274	5003	4380.796875	23.1
339330	5000	4392.090273	23.0
339386	4998	4427.998535	23.0
339442	4999	4436.628908	23.0
339498	5000	4365.228516	23.0
339554	5001	4410.628906	23.0
339610	5001	4390.83252	23.0
339666	5004	4370.799905	23.0
339722	5002	4336.211426	23.0
339778	5001	4397.238281	23.0
339835	5001	4398.44043	23.1
339891	5001	4428.53418	23.0
339947	5002	4436.880859	23.1
340003	5000	4408.647849	23.1
340059	4999	4395.251465	23.1
340115	4998	4390.591797	23.1
340171	4996	4429.762207	23.0
340227	5003	4372.21875	23.1
340283	5002	4357.72998	23.1
340338	5001	4372.38377	23.0
340394	4999	4342.51416	23.0
340450	5003	4385.587881	23.1
340506	5001	4379.886973	23.0
340562	5002	4425.635254	23.0
340618	5001	4409.913574	23.0
340674	5001	4405.557617	23.0
340730	4998	4424.13918	23.0
340787	4999	4409.282227	23.0
340843	5000	4401.590332	23.1
340899	4999	4392.440918	23.0
340956	5001	4380.894336	23.0
341012	5000	4363.544434	23.1
341068	5002	4371.140825	23.0
341124	5001	4354.712402	23.0

341180	5005	4351.975977	23.1
341238	5002	4377.381838	23.0
341291	5000	4373.572268	23.0
341348	5002	4368.521484	23.0
341404	5001	4378.647949	23.0
341458	5000	4360.570312	23.0
341516	4999	4377.192383	23.0
341572	4999	4368.910156	23.0
341628	5002	4342.923828	23.0
341685	5001	4349.87793	23.1
341741	5000	4388.102539	23.0
341797	5001	4387.818695	23.0
341853	5003	4367.105957	23.0
341910	4999	4382.082031	23.0
341966	4999	4354.373535	23.1
342021	4997	4358.646973	23.0
342077	5002	4357.564941	23.0
342134	5004	4358.685059	23.0
342189	5001	4380.981426	23.0
342246	5001	4348.23584	23.1
342301	5003	4383.038062	23.0
342358	4999	4403.183086	23.0
342414	5001	4384.38084	23.0
342470	4999	4405.708496	23.0
342526	5002	4382.150391	23.0
342583	5000	4380.282207	23.1
342639	5000	4433.75293	23.1
342696	5003	4406.300283	23.1
342751	5002	4382.334961	23.1
342807	4997	4375.583008	23.0
342863	4997	4397.111818	23.1
342919	5000	4388.98291	23.1
342974	4999	4388.097169	23.1
343031	5003	4411.583984	23.1
343087	5001	4418.176758	23.1
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343198	5000	4377.160845	23.1
343255	4998	4384.31543	23.2
343311	5005	4396.378908	23.1
343367	5002	4419.305176	23.0
343422	5005	4413.470703	23.1
343478	5003	4421.463379	23.1
343534	5002	4372.23584	23.1
343590	4999	4368.116699	23.1
343646	4999	4371.630859	23.1
343701	5008	4407.893068	23.1
343757	5000	4417.305684	23.1
343814	5000	4398.803711	23.1
343870	5004	4407.080078	23.1
343926	5001	4408.891602	23.2
343981	5007	4388.197754	23.2
344037	5003	4428.88623	23.1

344093	5003	4373.822266	23.2
344149	5006	4393.312988	23.1
344205	5006	4415.350088	23.2
344261	5000	4395.037109	23.2
344318	4999	4406.23564	23.2
344374	5000	4406.172852	23.1
344430	5003	4382.254395	23.2
344486	4999	4383.623047	23.1
344542	5002	4358.314453	23.1
344598	5001	4382.846191	23.2
344654	4998	4359.638184	23.2
344710	5001	4368.231934	23.1
344767	4998	4374.060547	23.1
344823	4997	4388.832031	23.2
344879	4999	4357.034688	23.2
344935	4999	4364.858863	23.2
344990	5003	4367.088301	23.0
345046	5004	4381.294434	23.2
345102	5002	4380.015137	23.1
345158	4999	4387.861621	23.1
345215	5002	4350.379883	23.1
345270	4999	4401.651367	23.1
345326	4998	4399.987285	23.2
345382	4999	4419.78125	23.1
345438	5003	4384.068848	23.1
345495	4999	4383.034868	23.0
345551	5001	4384.425781	23.1
345606	5001	4358.888945	23.2
345663	5004	4380.257812	23.1
345719	5001	4398.991699	23.1
345775	5001	4388.223145	23.1
345831	5003	4391.115234	23.2
345887	5001	4405.858691	23.1
345943	5002	4379.88748	23.1
345999	4998	4359.100098	23.1
346056	5002	4357.226582	23.1
346112	5002	4386.981426	23.2
346167	5003	4368.084453	23.3
346223	5000	4355.237783	23.2
346280	5001	4352.276855	23.2
346335	5005	4379.289062	23.2
346391	5005	4406.601562	23.1
346447	5001	4417.191895	23.2
346503	5000	4395.746582	23.2
346559	5003	4418.208496	23.3
346615	5003	4351.705566	23.3
346671	5001	4358.387207	23.3
346727	5003	4352.047363	23.2
346783	5002	4359.888652	23.2
346839	5001	4379.79248	23.3
346895	5002	4389.856934	23.3
346950	5004	4383.649414	23.3



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347063	5005	4407.135742	23.8
347119	5006	4390.490234	23.3
347175	5002	4374.591797	23.1
347232	5005	4373.704102	23.3
347288	5007	4386.099121	23.2
347344	5002	4392.111328	23.2
347400	5001	4370.132812	23.1
347458	5002	4386.280254	23.1
347512	5005	4374.509766	23.1
347568	5002	4366.649902	23.1
347624	4999	4368.532227	23.0
347680	5000	4381.741699	23.1
347737	5001	4377.319336	23.2
347793	5005	4385.585937	23.2
347848	5003	4385.524414	23.2
347905	4999	4369.824512	23.2
347960	5003	4375.104482	23.3
348016	5004	4367.182129	23.3
348072	4999	4378.840332	23.2
348128	5003	4390.132812	23.2
348184	5001	4401.034868	23.3
348240	5003	4401.131898	23.2
348296	5001	4418.004883	23.3
348352	5006	4405.368164	23.2
348408	5003	4370.783203	23.3
348464	5004	4343.472656	23.2
348520	4997	4393.480469	23.3
348575	5000	4387.223145	23.3
348631	5000	4349.518555	23.3
348688	4997	4370.329613	23.3
348744	5000	4365.448242	23.3
348800	5002	4348.12207	23.2
348857	5000	4336.207031	23.2
348913	5000	4364.592773	23.2
348968	5002	4374.883301	23.2
349024	5001	4379.960449	23.2
349080	5002	4347.095703	23.1
349136	5002	4338.878711	23.1
349191	5003	4378.808887	23.1
349247	5002	4381.90625	23.0
349304	5003	4361.058105	23.1
349360	5000	4359.458984	23.2
349416	5001	4366.040039	23.2
349472	5004	4359.372559	23.2
349528	5002	4360.657715	23.1
349584	5002	4368.28125	23.2
349640	5001	4399.890859	23.1
349696	5001	4390.798875	23.2
349752	5003	4413.026367	23.2
349808	4999	4403.84375	23.2
349864	5002	4389.012297	23.2

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348977	5002	4371.470703	23.1
350033	5006	4390.547852	23.1
350089	5004	4393.589355	23.0
350145	5000	4353.075684	23.1
350201	5002	4372.121094	23.0
350257	5005	4390.458008	23.1
350314	5003	4364.588426	23.0
350369	5000	4388.763672	23.1
350425	4999	4370.757324	23.1
350482	5005	4400.645998	23.0
350537	5002	4404.290527	23.0
350594	5002	4388.498595	23.1
350650	5000	4336.53418	23.1
350708	5003	4390.684062	23.0
350762	5000	4360.5	23.1
350818	4999	4380.834473	23.0
350874	5001	4388.40332	23.0
350930	5005	4374.65625	23.0
350986	5003	4425.959473	23.1
351041	5001	4388.520508	23.0
351097	5002	4369.925293	23.0
351153	5001	4383.184336	23.0
351209	4998	4359.041016	23.0
351264	5000	4388.099609	23.0
351320	5003	4387.388184	23.0
351376	5002	4359.264648	23.1
351432	5001	4376.831543	23.0
351488	5002	4378.706543	23.1
351545	5005	4361.007324	23.1
351601	4998	4377.858375	23.0
351657	5003	4365.720215	23.1
351713	4999	4400.501465	23.1
351769	4997	4401.69873	23.0
351825	5000	4380.153809	23.0
351881	5002	4388.251465	23.1
351937	5005	4391.104004	23.0
351993	5004	4413.328102	23.0
352049	5001	4385.535158	23.0
352105	5005	4432.423828	23.0
352161	4999	4408.800352	23.0
352217	5005	4381.279287	23.1
352273	5002	4372.254883	23.1
352329	5001	4387.946777	23.1
352385	5004	4384.937012	23.1
352440	5000	4370.342285	23.1
352496	4999	4369.883301	23.1
352552	5001	4369.520508	23.0
352609	5001	4412.78125	23.0
352665	5004	4410.06543	23.0
352721	4999	4398.02832	23.0
352777	5001	4400.687383	23.0

352833	5004	4382.258277	23.1
352889	5005	4374.75	23.0
352845	5002	4380.782715	23.1
353001	4999	4386.173828	23.0
353058	5003	4385.911133	23.0
353112	5003	4387.578613	23.0
353168	5002	4390.52207	23.1
353224	5000	4368.551758	23.1
353280	5003	4384.038551	23.1
353336	4999	4388.100586	23.0
353392	5001	4382.298828	23.1
353448	5002	4379.0625	23.1
353504	5003	4387.347856	23.0
353560	5003	4394.601074	23.0
353616	5003	4386.141113	23.0
353672	5004	4341.612305	23.0
353728	5001	4384.822266	23.0
353784	5001	4407.334473	23.0
353840	5001	4418.854785	23.1
353896	5004	4343.878027	23.0
353952	4999	4380.55857	23.0
354008	4999	4387.448219	23.0
354065	5003	4382.311523	23.0
354120	5004	4408.255869	23.1
354176	5003	4390.568594	23.0
354233	5003	4416.937012	23.1
354289	5006	4407.213867	23.1
354345	5006	4400.570801	23.0
354401	4999	4382.960449	23.0
354457	5003	4382.617676	23.0
354513	5000	4375.398928	23.0
354569	5003	4373.47188	23.0
354625	5000	4382.569824	23.0
354681	5000	4361.82373	23.0
354737	5002	4406.047852	23.0
354793	5003	4383.718309	23.1
354849	5003	4391.511719	23.1
354905	5000	4354.913086	23.0
354961	5001	4377.967285	23.0
355017	5002	4347.572754	23.0
355073	5003	4336.56127	23.0
355130	5003	4371.92627	23.0
355186	5002	4347.498047	23.0
355241	5004	4380.740234	23.0
355297	5002	4374.664551	23.0
355353	5002	4385.429887	23.0
355409	5006	4391.272461	23.1
355465	5003	4403.383281	23.0
355521	5003	4414.851367	23.0
355578	5004	4434.726074	23.0
355634	5003	4376.925781	23.2
355690	5002	4387.885742	23.1

355746	5000	4412.852539	23.1
355801	5003	4396.582888	23.1
355857	5004	4395.556941	23.2
355913	5003	4375.250977	23.1
355969	5004	4388.505371	23.2
356026	5000	4350.819824	23.1
356081	5004	4375.922363	23.2
356137	4998	4367.131348	23.2
356193	5002	4389.689434	23.3
356249	5000	4385.489746	23.1
356305	5003	4389.758301	23.3
356361	5005	4403.78125	23.1
356418	5004	4408.904785	23.0
356474	5002	4400.717773	23.1
356530	5002	4407.822266	23.2
356586	5002	4384.626465	23.2
356642	5001	4387.007324	23.3
356699	5003	4390.847168	23.2
356755	4998	4396.412598	23.2
356811	5001	4404.456984	23.2
356867	5000	4373.080059	23.1
356923	5005	4380.789082	23.1
356979	5001	4381.304687	23.1
357035	4999	4365.724121	23.1
357091	5002	4334.443359	23.3
357147	5004	4375.276367	23.1
357202	4999	4388.330078	23.1
357258	5001	4379.268555	23.2
357315	4998	4395.323242	23.1
357371	5001	4381.850096	23.1
357427	5003	4372.137297	23.1
357483	5004	4385.656152	23.3
357539	5000	4406.119629	23.2
357595	5000	4420.16748	23.1
357650	5003	4395.405762	23.3
357706	5003	4388.333486	23.2
357762	5001	4384.98877	23.1
357817	4999	4396.40916	23.0
357873	5000	4355.942363	23.2
357929	5003	4406.964356	23.1
357985	5000	4404.939453	23.1
358041	5001	4388.365234	23.1
358097	4999	4389.28125	23.1
358153	5002	4392.077148	23.0
358209	5001	4365.928711	23.1
358265	5003	4385.59082	23.1
358321	5002	4382.012695	23.2
358377	5002	4411.400879	23.1
358433	5002	4371.034888	23.2
358489	5002	4360.688992	23.0
358545	5001	4354.306152	23.1
358601	5000	4355.955568	23.1

358857	4997	4360.655762	23.1
358714	4999	4354.382812	23.1
358770	5000	4395.125	23.1
358826	5000	4384.905762	23.0
358882	5001	4374.881836	23.2
358938	5005	4423.11084	23.2
358994	4998	4385.581543	23.1
359050	5001	4417.818848	23.1
359105	5002	4383.310059	23.1
359161	5002	4357.201172	23.1
359217	5001	4369.620905	23.0
359274	5001	4347.464844	23.0
359330	5000	4373.838844	23.2
359387	5001	4390.048387	23.3
359443	5002	4418.488328	23.1
359498	4999	4404.430178	23.1
359554	5000	4439.820312	23.1
359610	5001	4429.117678	23.1
359665	5006	4429.975686	23.3
359722	4999	4426.834473	23.2
359778	4999	4437.189941	23.2
359834	5001	4388.826172	23.1
359890	5000	4407.001853	23.1
359947	4999	4399.745117	23.0
360003	5001	4393.147481	23.0
360059	5000	4398.355489	23.1
360118	5002	4391.473145	23.0
360172	5001	4381.981445	23.0
360228	4999	4388.626953	23.0
360284	4998	4404.986328	23.1
360340	5003	4392.931152	23.1
360396	5001	4405.558105	23.0
360452	4997	4387.527344	23.1
360508	5001	4402.980937	23.3
360563	5000	4429.380352	23.1
360619	5001	4415.756348	23.0
360675	5004	4383.766625	23.1
360731	4999	4408.618852	23.1
360788	4999	4427.08375	23.0
360844	5000	4395.919434	23.1
360900	4995	4376.445801	23.1
360956	5002	4401	23.0
361011	5000	4388.684551	23.1
361067	5000	4419.112305	23.0
361123	5000	4414.693359	23.0
361179	5000	4388.877734	23.1
361235	5003	4402.405273	23.0
361291	5000	4420.648928	23.0
361348	5001	4402.865234	23.0
361404	4999	4402.106894	23.0
361460	5004	4384.222858	23.0
361516	4999	4360.14208	23.0

361572	5000	4369.653066	23.1
361629	5001	4407.821387	23.0
361685	5002	4405.088633	23.0
361741	5001	4393.890137	23.0
361797	5003	4391.79248	23.0
361853	5001	4367.960837	23.0
361909	5003	4399.200684	23.0
361965	4997	4410.404297	23.0
362021	5002	4370.516602	23.1
362077	5003	4362.85791	23.0
362133	4999	4376.797852	23.1
362189	5003	4386.373535	23.0
362245	5005	4371.028809	23.0
362301	5002	4381.124023	23.1
362358	6006	4413.845508	23.1
362414	4999	4387.858887	23.0
362470	5001	4382.918945	23.0
362526	5001	4421.845703	23.0
362582	5003	4372.87827	23.0
362638	5002	4380.064458	28.0
362694	5004	4388.507324	23.0
362750	5000	4401.833008	23.0
362806	5008	4388.457031	23.0
362862	6005	4371.771484	23.1
362918	5002	4382.047383	23.1
362974	5002	4374.484375	23.0
363030	5000	4383.51418	23.0
363086	5000	4384.984355	23.1
363142	5003	4353.008836	23.1
363199	5002	4351.727051	23.1
363255	5004	4404.122559	23.1
363310	5003	4411.846191	23.1
363366	5002	4386.14502	23.0
363422	5002	4354.239258	23.0
363478	5000	4382.122559	23.0
363534	5006	4379.319336	23.1
363591	5001	4377.414082	23.0
363647	5008	4382.088379	23.0
363703	5003	4383.625	23.1
363759	5000	4385.824707	23.0
363815	5006	4367.585837	23.0
363872	5000	4374.386896	23.0
363928	4997	4418.229492	23.1
363984	5004	4425.109375	23.1
364041	5001	4403.839941	23.0
364097	5003	4382.117676	23.0
364153	5003	4389.828813	23.0
364208	4999	4405.603027	23.1
364264	5000	4408.85498	23.2
364320	5005	4379.11084	23.1
364377	5002	4386.381836	23.1
364433	5006	4380.31543	23.1

364489	5002	4372.553823	23.1
364546	5003	4371.789805	23.1
364602	5003	4375.132812	23.1
364657	5005	4386.222656	23.2
364713	5006	4379.256371	23.2
364770	5007	4399.748047	23.0
364826	5002	4421.533203	23.0
364881	5001	4390.015137	23.2
364937	5004	4391.024902	23.1
364994	5004	4381.694336	23.2

c:\data\etc\track 2R 5hz sample #6.c.xls

Labview error again!

12/18/2002

7:30 AM

cycles	Stage Amplitude	chms	Nforce
0.015	4509.311035	4446.504883	32.742676
72.028999	5025.04834	4447.485352	32.587871
122.544998	5014.187012	4440.854482	32.578813
149.429993	5051.267578	4447.290039	32.607422
207.814993	5015.142578	4448.797852	32.552734
235.065007	4889.049805	4435.713867	32.575195
281.929993	4890.877441	4433.028855	32.578813
289	4989.323242	4436.817871	32.559082
315.790009	4993.47188	4418.813985	32.601562
342.665009	4996.342285	4411.864062	32.581543
369.505005	5000.633789	4423.130859	32.58543
396.440002	5001.736352	4407.381348	32.558082
423.380015	5000.262695	4427.068594	32.568359
450.350006	5001.686289	4428.170698	32.563496
477.309998	5000.283203	4429.785137	32.608887
504.255005	5008.78418	4448.414551	32.58082
531.190002	5005.247559	4446.327148	32.59082
558.169983	5004.263672	4436.095703	32.57866
585.11499	5006.355469	4455.287383	32.583884
612.059998	5006.321777	4454.387207	32.664453
638.945007	5009.199707	4429.59668	32.571777
665.809998	5010.248582	4488.067871	32.570312
692.705017	5011.608838	4453.85625	32.576172
719.580017	5012.649802	4442.047383	32.572266
746.5	5013.318359	4435.452837	32.57373
773.389995	5013.649902	4398.250488	32.558594
800.280029	5015.802248	4419.075195	32.583477
827.11499	5017.835254	4388.733887	32.582031
854.065002	5017.907227	4417.017578	32.580547
881.005005	5017.942871	4419.683105	32.58543
907.989971	5019.688777	4425.0825	32.582031
934.909979	5021.05127	4445.998535	32.581797
1008.78497	5010.222858	4411.922852	32.549805
1035.65503	5024.538088	4433.028808	32.602051
1070.66494	5012.788802	4397.206055	32.59082
1097.37	5027.227051	4422.620117	32.588336
1132.27502	5008.790039	4454.521484	32.583477
1159.13001	5027.85752	4480.136719	32.5825



c:\data\etc\track 2F 5hz sample #6 -b.xls

No lube 5hz 5min 33g 1mA, 12x restart after 70,000. (total 200K cycles) Labview memory error!  
12/17/2002 3:11 PM

cycles	Stage	Amplitude	ohms	Nforce
0.075	4359.549316	4504.435059	33.917969	
71.949997	4825.330078	4495.230957	33.307129	
153.595001	4975.277344	4489.525391	33.32373	
196.445007	4988.485605	4470.56543	33.308594	
223.335007	4991.625	4465.714844	33.263672	
250.220001	4997.352539	4422.499512	33.286133	
277.099999	5003.228516	4434.182383	33.325195	
304.070007	5008.820312	4423.242676	33.273929	
330.910004	5010.53125	4437.63823	33.289457	
357.880005	4989.473633	4428.14209	33.311035	
384.799988	4993.283203	4419.195901	33.333496	
411.690004	4998.682617	4411.807617	33.311523	
438.505005	4977.748094	4389.398594	33.311035	
473.505005	4998.925293	4401.459008	33.30127	
500.48999	4997.930664	4381.327148	33.286621	
527.315002	5006.888211	4400.653086	33.296387	
654.185007	5018.440918	4412.027832	33.311523	
681.039978	5018.70752	4418.688992	33.277344	
707.840027	5023.48875	4419.843066	33.331055	
689.855029	5014.188457	4427.749512	33.30957	
716.525024	5035.887695	4435.571777	33.275391	
759.320007	5011.617878	4410.479004	33.298829	
786.179993	5041.291016	4452.590332	33.314453	
828.909973	5009.682129	4455.32373	33.30127	
855.775024	5047.650391	4399.024414	33.285625	
890.710022	5012.90625	4418.015137	33.291504	
917.609985	4984.025679	4408.995117	33.291016	
944.840027	4982.605957	4419.649902	33.290527	
971.840015	4982.293125	4410.847949	33.292969	
998.534973	4984.879395	4414.063477	33.310059	
1025.47998	4987.015137	4418.511719	33.292969	
1052.425049	4987.099121	4420.200684	33.266113	
1079.329956	4989.79248	4423.616599	33.301758	
1106.199951	4989.025879	4454.281719	33.291018	
1133.170044	4990.78418	4416.755371	33.28248	
1160.11499	4990.759766	4435.780742	33.314453	
1187.060059	4993.098145	4437.102539	33.322256	
1214.094981	4995.504385	4439.913088	33.293945	
1240.830054	4993.85498	4426.833594	33.294922	
1267.734985	4995.958496	4423.022461	33.295896	
294.584941	4995.799805	4441.516113	33.289066	
21.584941	4995.858375	4431.07666	33.282715	
8.810059	4997.581523	4465.797852	33.318824	
5.84502	4997.453125	4447.084981	33.300293	
75049	4998.448777	4437.934082	33.302246	
4956	5000.053223	4448.631348	33.291018	
995	4997.082031	4419.248047	33.270996	
56	4999.484863	4419.772461	33.295896	

1510.550049	4998.475098	4427.972559	33.29834
1537.35498	4998.947265	4429.880371	33.290527
1564.219971	5001.824707	4429.210937	33.170896
1591.069946	5002.691406	4444.785645	33.277832
1618.065054	5002.029297	4427.13823	33.268086
1644.864966	5002.575684	4440.8125	33.309082
1671.949951	5003.938965	4442.980449	33.228816
1688.86499	5003.662109	4419.112305	33.275391
1725.849978	5002.137895	4413.689453	33.277832
1752.73999	5002.519043	4410.144531	33.266113
1779.685059	5005.222658	4433.75	33.050293
1806.825	5003.699707	4433.001466	33.126466
1833.474978	5004.246094	4453.179687	33.231934
1860.36501	5006.78125	4423.813477	33.259277
1887.545044	5004.836428	4424.037109	33.087891
1914.535034	5006.140625	4417.118652	33.062012
1941.38499	5005.827441	4440.674805	33.268066
1968.170044	5005.29541	4429.173828	33.121582
1995.23999	5006.825195	4386.008836	33.291016
2022.319946	5008.23877	4408.138184	33.275879
2049.125	5008.681836	4438.03126	33.266602
2075.975096	5007.340332	4421.263672	33.314453
2102.879883	5009.61377	4399.601074	33.319336
2129.78001	5008.432129	4422.359375	33.189453
2166.725088	5007.236816	4489.960937	33.184062
2183.865036	5008.327837	4441.541992	33.251953
2210.455078	5010.615234	4453.943848	33.081543
2237.350098	5010.252441	4431.852832	33.114258
2264.25	5009.690332	4426.975098	33.15918
2291.185068	5008.081543	4414.691885	33.019043
2318.165029	5010.597656	4433.821367	33.28125
2345.100098	5010.72188	4438.218262	33.254883
2372.054932	5009.914551	4483.77832	33.20459
2399.159912	5010.535166	4448.143555	33.282715
2425.98999	5010.033203	4443.1875	33.278609
2452.824851	5009.78125	4463.880178	33.289531
2479.669922	5011.839844	4444.097188	33.258789
2506.580078	5012.529785	4451.985362	33.312012
2533.459961	5012.0625	4424.140625	33.098833
2560.415039	5011.720215	4416.446289	33.04246
2587.379883	5013.785645	4404.229492	33.048828
2614.390078	5013.559082	4403.319824	33.062734
2641.27002	5012.84082	4414.367676	33.210449
2668.215088	5014.063477	4429.275391	33.311035
2695.179932	5013.703813	4433.909668	33.239258
2722.14602	5015.09875	4437.815918	33.138872
2749.290039	5013.5	4447.659691	33.286621
2776.155029	5014.72168	4440.73684	33.255371
2803.13501	5014.468281	4418.685523	33.149902
2830.024902	5014.816406	4402.094727	33.290527
2856.870117	5013.907227	4429.882817	33.19043
2883.814941	5016.052246	4428.251465	33.275879

2910.794922	5015.829102	4438.026367	33.251465
2937.745117	5015.368211	4429.091309	33.318359
2964.889941	5016.031738	4448.007324	33.208008
2991.63501	5014.725566	4427.899902	33.293457
3018.610107	5018.092285	4428.983398	33.203613
3045.594971	5015.598868	4426.417989	33.185527
3072.409912	5018.788821	4403.769531	33.181152
3099.409912	5017.338379	4395.108887	33.102539
3126.209961	5015.275879	4401.435059	33.117676
3153.38501	5017.82888	4421.854492	33.128418
3180.185059	5015.223833	4396.133789	33.115234
3207.284912	5018.964844	4429.224809	33.201172
3234.274902	5016.888184	4422.060588	33.204102
3261.100098	5017.303711	4418.854297	33.098633
3288.129883	5018.909668	4409.038086	33.080059
3314.855078	5017.31543	4443.588379	33.055664
3341.959961	5015.862305	4430.817878	33.036133
3368.754883	5018.182817	4420.540527	33.208496
3395.76001	5017.688523	4372.745805	33.090332
3422.709961	5015.875293	4392.805178	33.080078
3449.859912	5018.108398	4394.537598	33.050781
3476.580059	5017.214844	4420.882324	33.041992
3503.375	5018.074219	4420.00293	33.024414
3530.179832	5017.544922	4421.983887	33.010742
3556.98899	5015.838426	4427.812793	33.071777
3583.88499	5019.042999	4414.85791	33.208543
3610.955078	5017.441895	4392.405273	33.28418
3637.800049	5018.644531	4446.934082	33.121582
3664.685059	5016.527344	4448.138184	33.083984
3691.875049	5016.889141	4437.859375	33.063985
3718.584861	5019.844727	4409.211428	33.03418
3745.564941	5017.027344	4408.532227	33.036133
3772.485088	5018.014848	4411.216309	33.036133
3799.290039	5020.683948	4443.961914	33.030273
3826.27002	5019.811816	4409.70752	33.040039
3853.514893	5019.844238	4406.283891	33.013872
3880.370117	5020.452837	4410.088867	33.022461
3907.23999	5017.204102	4416.571289	33.052734
3934.185069	5018.703613	4440.84082	33.078613
3961.129883	5021.530273	4432.285137	33.050293
4035.050049	5011.88918	4402.701172	33.05127
4081.88501	5020.623535	4427.749512	33.027344
4088.709861	5018.008836	4436.187012	33.060547
4115.524902	5020.068359	4431.155762	33.041992
4142.569824	5021.221191	4408.314941	33.049316
4177.444824	5014.078813	4422.947754	33.019531
4204.305176	5021.684082	4442.739746	33.039551
4239.39502	5007.10791	4444.520996	33.069824
4266.225088	5019.489746	4436.821777	33.022949
4293.040039	5020.548828	4398.827148	33.053223
4320.015137	5021.578125	4409.755859	33.048387
4354.89502	5007.585837	4440.882422	33.092773

4381.799805	5020.885801	4435.055178	33.001485
4406.805178	5022.370889	4434.516802	33.049816
4443.709961	5002.019531	4427.554687	33.07959
4470.580059	5020.349121	4444.978027	33.06543
4497.415039	5021.317871	4425.911621	33.061035
4532.350098	5008.547852	4431.823535	33.0625
4559.379883	5022.008836	4451.522949	32.898536
4594.27002	4999.856445	4445.57686	33.044922
4621.140137	5022.411821	4419.814941	33.026367
4656.356683	5008.689941	4441.582012	33.038574
4683.189941	5021.85791	4429.873535	33.038086
4718.140137	5000.201172	4442.850588	33.038574
4744.984863	5024.449707	4407.364746	33.03125
4779.899802	5006.856445	4434.063477	33.085215
4808.75	5024.337891	4405.896973	33.005859
4841.779786	5001.02832	4435.23677	33.036133
4868.660156	5024.427734	4412.984375	33.01709
4903.705078	5002.32373	4407.523437	33.058594
4930.580059	5023.060566	4418.406738	33.056641
4965.774902	4994.021484	4439.895312	33.100586
4992.910158	5022.362578	4441.267031	33.050781
5027.799805	5003.380859	4441.441895	33.05127
5054.629883	5022.809082	4464.233388	33.036821
5089.734863	4994.509768	4478.878418	33.061523
5118.615234	5022.714844	4433.126853	33.07959
5151.939941	5000.08252	4418.983379	33.043457
5178.785156	5023.932129	4422.524414	33.097858
5213.745117	4894.511719	4482.54248	33.049805
5240.689922	5022.588957	4438.132812	33.03125
5275.640137	5001.791018	4410.416922	33.04834
5302.595215	5024.071777	4437.887207	33.057129
5337.834961	4998.494141	4422.95166	33.03125
5364.689941	5022.116699	4436.783203	33.025391
5399.640137	5001.597188	4438.087402	33.058152
5426.459961	5022.033203	4428.515625	33.053711
5461.540039	4994.887895	4437.744141	33.074707
5488.410158	5024.21875	4430.749512	33.079102
5523.274902	5002.75	4445.21582	33.223145
5550.108863	5023.627441	4448.458961	33.063965
5584.895117	4996.049316	4440.883088	33.062988
5611.904785	5024.754883	4455.803808	33.027344
5647.209961	5001.842285	4435.941406	33.050293
5674.049805	5024.890918	4410.968797	33.059082
5708.930178	4995.404297	4448.189922	33.005859
5735.810059	5024.842871	4428.15332	33.013184
5770.745117	5000.10498	4434.544434	33.058594
5797.629883	5022.450195	4422.882812	33.072266
5832.509766	4993.717285	4417.487305	33.05957
5859.52002	5022.624023	4409.164551	33.041982
5894.379883	5001.589844	4385.851855	33.031797
5921.285156	5024.056641	4399.027832	33.01123
5956.225098	4996.103516	4399.945801	33.054189

5083.069824	5023.355957	4401.286133	33.030273
6018.189941	5002.862109	4426.997559	33.029785
6046.044922	5026.10498	4398.985332	33.029297
6079.984863	4994.745117	4437.378953	33.02832
6108.830078	5024.689941	4434.780762	33.060547
6141.725099	5002.296387	4437.433105	33.058105
6188.580078	5023.134768	4410.615234	33.045889
6203.589844	4992.089355	4412.799805	33.055664
6230.459961	5022.586914	4443.975088	33.030273
6265.504833	5002.038574	4448.685059	33.047383
6292.334961	5022.627441	4419.821777	33.01709
6327.214844	4992.783891	4442.574219	33.02832
6354.194824	5022.98875	4414.993555	33.030782
6389.14502	5000.580059	4417.051758	33.041992
6415.984863	5024.342773	4429.088379	33.033891
6450.865234	4996.688035	4452.201172	33.044434
6477.700195	5024.688504	4423.915039	33.015825
6512.799805	5003.390625	4427.787109	33.074707
6539.685039	5025.101074	4396.653711	33.038062
6574.580078	4998.029785	4445.098145	33.046875
6601.459961	5024.919322	4441.843262	33.024902
6636.490234	5002.73291	4442.881838	33.08375
6663.334961	5024.68873	4424.736328	33.033691
6689.285137	4995.82666	4411.73584	32.998094
6725.25	5024.690918	4443.632715	33.043457
6760.109863	5003.44873	4419.11084	33.078813
6787.009786	5024.342773	4383.953125	33.029297
6822.080078	4993.847856	4412.312012	33.031738
6849.015137	5023.111816	4380.736328	33.038574
6883.870117	5004.005859	4382.256836	33.039062
6910.759786	5024.333884	4351.477051	33.05127
6946.078195	4993.858834	4386.803711	33.091797
6973.015137	5025.130858	4429.6625	33.081523
7007.890137	5002.224609	4394.938985	33.07373
7034.774902	5022.803223	4415.977539	33.050283
7069.685039	4996.813985	4436.179199	33.085937
7096.740234	5023.771494	4419.084473	33.054687
7131.840137	5004.220793	4402.187012	33.072266
7158.649805	5024.058105	4430.535156	33.063477
7193.625	4995.791016	4397.993164	33.168523
7220.475088	5024.951758	4394.740723	33.019043
7256.35498	5003.019043	4405.470215	33.057129
7282.194824	5024.555664	4430.981426	33.046387
7317.185039	4994.780762	4365.681133	33.049316
7344.220215	5025.081523	4397.250977	33
7379.115234	5003.338844	4393.677734	33.047383
7405.959961	5025.899023	4401.845703	33.030273
7440.859863	4995.983979	4416.323242	33.040039
7467.870215	5024.712402	4382.978516	33.041992
7502.875	5004.541504	4410.541016	33.047852
7529.799805	5026.398437	4414.848833	33.041504
7564.879883	4996.611816	4422.428711	33.063965

7591.810059	5026.618164	4425.477539	33.03125
7626.860156	5003.40625	4445.316406	33.071269
7653.535156	5025.98584	4480.29834	33.045899
7688.564941	4996.256336	4411.088895	33.045899
7715.419922	5025.477539	4438.257324	33.046875
7750.284822	5004.843262	4405.802734	33.05127
7777.339844	5024.850098	4380.770508	33.07373
7812.404785	4996.022949	4389.418504	33.056641
7839.279785	5026.689434	4408.56127	33.017578
7874.129883	5003.271484	4388.921387	33.053223
7901.02002	5028.387949	4421.525391	33.031738
7938.075195	4996.852637	4413.443848	33.049318
7962.924805	5026.394631	4401.232422	33.12793
7997.810059	5005.408691	4389.048828	33.07373
8024.694824	5025.951172	4429.87168	33.021973
8059.60498	4997.720215	4427.782227	33.069336
8086.475098	5026.415627	4428.230857	33.010254
8121.740234	5006.427734	4454.166018	33.037588
8148.589844	5026.589608	4419.171387	33.040527
8183.549805	4997.253908	4413.173828	33.04248
8210.474809	5026.777344	4451.310547	33.039082
8245.410158	5004.703613	4426.625391	33.029785
8272.304887	5026.813477	4430.395508	33.054687
8307.378883	4997.002441	4440.464844	33.046387
8334.259786	5024.497569	4428.442871	33.040039
8369.18457	5005.176758	4448.98291	33.055178
8398.165039	5025.570312	4421.48707	33.069336
8431.200195	4996.842578	4420.768555	33.035645
8458.174805	5027.584961	4416.808445	33.047852
8493.18457	5007.32969	4436.035156	33.020996
8520.110352	5024.391602	4407.254883	33.025391
8555.18457	4995.10498	4439.046387	33.07373
8582.044922	5025.448777	4443.884082	33.0625
8617.155273	5006.249023	4444.453125	33.041016
8644.166922	5026.718797	4458.538133	33.033691
8679.070312	4999.678711	4429.830371	33.054199
8705.915039	5027.932129	4483.247559	33.016113
8741.049805	5007.243652	4458.545888	33.043945
8787.894631	5027.883359	4438.588191	33.040527
8802.839844	4998.133301	4454.515137	33.059082
8829.759766	5027.146484	4442.054687	33.013184
8864.769531	5008.89043	4427.287598	33.027832
8891.634786	5027.05127	4432.879395	33.045898
8926.519531	4999.885312	4422.614848	33.034688
8953.410156	5030.339355	4419.040039	33.058105
8988.339844	5007.179687	4427.785645	33.006348
9015.344727	5027.011719	4443.554887	33.055664
9050.360352	4998.128418	4415.25293	33.04834
9077.169922	5026.850588	4418.888184	33.005371
9112.099609	5004.82959	4419.056884	33.036133
9139.165039	5025.482422	4412.128485	33.053223
9174.035156	4996.937012	4406.45762	33.05957

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9238.014848	5008.13623	4440.371094	33.055864
9262.94043	5027.438985	4444.087891	33.019043
9297.849609	4997.805884	4447.884258	33.058594
9324.68043	5027.342773	4435.17041	33.037588
9358.860352	4998.683086	4438.084961	33.063477
9386.724609	5028.850586	4448.37793	33.024414
9421.705078	4996.822754	4424.080078	33.093282
9448.620117	5029.047383	4417.322754	33.027344
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9510.719727	5028.306152	4372.882324	33.043457
9545.834766	4997.89209	4408.893555	33.052734
9572.474809	5028.884788	4414.483398	33
9607.620117	5007.348633	4417.481445	33.040527
9634.485952	5028.676758	4439.031738	33.013672
9689.548905	4998.51709	4461.096191	33.083985
9886.384531	5027.015825	4448.878465	33.046875
8731.410156	5006.271484	4446.979004	33.061523
9758.334961	5027.615723	4441.882812	33.051758
9793.294922	4999.083008	4449.815818	33.027344
9820.18457	5027.250488	4434.270508	33.054887
9855.139648	5006.254385	4424.374512	33.042989
9882.019531	5028.352539	4448.278387	33.038551
9918.955078	4998.294922	4442.687012	33.035156
9943.844727	5028.32373	4430.898414	33.068359
9978.794922	5008.354482	4438.71582	33.048828
10006.82988	5028.028809	4451.081065	33.050781
10040.53027	4998.520986	4468.218282	33.07688
10067.35547	5028.73584	4436.570312	33.058584
10102.29492	5005.188457	4450.82207	33.05127
10128.18457	5029.182588	4444.075195	33.058106
10184.20508	4998.084238	4405.299316	33.012207
10191.08984	5027.817878	4415.808105	33.044434
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10314.83457	5029.323242	4389.352051	33.060547
10350.01953	5007.080059	4390.83818	33.03125
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10412.02539	4998.881348	4414.705078	33.015625
10438.86523	5028.370605	4402.832031	33.077837
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10624.83477	5028.747559	4430.828125	33.099009
10659.83985	5000.248595	4443.333984	33.085918
10688.72461	5029.318358	4428.513872	33.043945
10721.59961	5008.84082	4416.930664	33.018555
10748.5	5027.732422	4415.9375	33.046875
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10807.62031	4998.741899	4450.885254	33.057817
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10989.90527	4999.368141	4429.273826	33.077148
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11031.67969	5000.708008	4412.695469	33.035645
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11217.53516	5006.887695	4423.400391	33.051758
11244.375	5027.740234	4422.734375	33.043945
11279.38477	4998.613281	4436.20752	33.044434
11306.24512	5027.691895	4394.140625	33.034688
11341.20568	5007.943358	4402.850098	33.059082
11388.11035	5030.263184	4411.294922	33.087402
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11465.33496	4999.225098	4426.444824	33.067871
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11527.10647	4997.891602	4421.044434	33.046875
11554.12012	5028.884277	4443.881348	33.068426
11589.36035	5007.086428	4426.620901	33.060547
11618.24512	5029.33252	4398.933584	33.05127
11661.12988	5000.141802	4432.109375	33.018902
11678.125	5028.389648	4438.385254	33.035645
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11960.39453	4996.582031	4443.201172	33.047363
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12111	5028.651855	4446.244829	33.038574
12145.96484	4993.304199	4421.316895	33.016113
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12234.87969	5030.074707	4385.755371	33.016602
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12393.41992	4993.703613	4415.108887	33.052246



12420.47461	5028.569824	4418.81377	33.050293
12455.83477	5001.220703	4431.824707	33.036821
12482.49512	5030.535845	4421.456055	33.04248
12517.58984	4983.108934	4422.411133	33.062012
12544.42481	5028.018068	4445.833498	33.010254
12579.54492	5001.047852	4448.999023	33.040039
12606.54004	5031.112793	4444.849121	33.030273
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12668.52539	5029.740234	4440.808398	33.030273
12703.45996	5001.185547	4438.889941	33.023828
12730.44043	5033.883867	4440.241211	33.020508
12785.80547	4992.60791	4397.021973	33.04248
12792.50877	5030.186477	4402.877734	33.022949
12827.74512	5000.333008	4387.484883	33.061035
12854.81035	5030.973145	4405.354004	33.074707
12888.71484	4994.318338	4432.885805	33.020998
12918.85039	5030.873635	4383.044434	33.052734
12951.54492	5003.093282	4420.399355	33.028387
12978.83477	5030.574707	4425.93457	33.050293
13013.88457	4994.055884	4440.93457	33.068824
13040.53518	5029.185527	4451.204102	33.000977
13075.45888	4998.158888	4422.480489	33.030762
13102.33008	5031.266113	4410.831543	33.054887
13137.33008	4994.512207	4446.380859	33.081055
13184.20998	5029.833789	4434.683105	33.022949
13199.32031	5001.148437	4418.78125	33.054887
13226.41992	5031.158203	4445.385723	33.023437
13251.54492	4992.79248	4454.076172	33.046875
13288.40039	5029.188477	4415.080568	33.046875
13323.54981	5003.277344	4419.816408	33.024414
13350.42481	5030.971191	4418.219238	33.047369
13385.51953	4995.289082	4428.828906	33.037598
13412.58008	5029.818408	4415.498535	33.042989
13447.54492	5003.080058	4436.447754	33.022949
13474.51465	5029.522949	4420.078125	33.088428
13509.41504	4995.344238	4426.905762	33.07686
13538.30957	5029.382783	4396.22998	33.04834
13571.33984	5001.705078	4409.118852	33.019872
13598.27538	5031.828711	4408.887886	33.028785
13633.27538	4995.807715	4404.714355	33.0625
13660.41016	5029.84082	4399.253906	33.070312
13685.48484	5002.088867	4438.188945	33.005371
13722.30857	5031.811523	4430.001853	33.002441
13757.48535	4993.886719	4438.500488	33.015137
13784.50977	5030.133301	4432.480449	33.072754
13819.41016	5062.811328	4410.978518	33.053223
13846.4502	5030.901855	4432.808891	33.073242
13881.59473	4996.373535	4423.776387	33.038551
13908.52538	5031.702837	4432.831543	33.018555
13943.48047	5001.779785	4409.631348	33.03418
13970.35547	5030.456543	4406.97988	33.045898
14005.30489	4994.358398	4401.806445	33.057617

14032.34473	5033.23291	4399.467773	33.040527
14067.34473	6009.797363	4393.157715	33.041992
14094.41018	6029.919922	4403.119141	33.015625
14129.44043	4993.289331	4375.433105	33.044434
14166.50498	5030.64209	4424.005859	32.993852
14191.56543	5002.805176	4405.242187	33.041982
14218.55489	5031.876485	4426.29541	33.02002
14253.45996	4994.452637	4402.121582	33.085918
14280.34473	5031.232422	4426.758348	33.026879
14315.60488	5002.208009	4407.691406	33.065176
14342.54492	5030.795156	4418.097168	33.061523
14377.70508	4995.96875	4430.175293	33.068359
14404.73535	5031.104482	4383.935547	33.068359
14439.82012	5000.467773	4430.855078	33.045888
14466.49612	5033.606348	4408.808152	33.068895
14501.67969	5002.704102	4408.86377	33.042989
14528.59981	5031.089336	4421.581543	33.046875
14563.58984	5002.974121	4412.583985	33.028367
14590.71973	5032.117187	4406.369141	33.03125
14625.79004	4995.810352	4428.058641	33.047852
14652.83477	5030.158203	4419.581055	33.025879
14687.78485	5003.885527	4438.535864	33.045898
14714.84473	5028.901387	4451.914551	33.020508
14749.84981	4996.838425	4414.972669	33.032715
14776.72481	5030.082012	4370.879047	33.030273
14811.90527	5001.938477	4409.168982	33.064941
14838.75488	5031.105489	4456.189985	33.040527
14873.88985	4993.758789	4450.808681	33.115723
14900.77539	5030.694824	4437.593282	33.044434
14935.95508	4999.832031	4433.198242	33.041504
14963.08496	5028.822286	4416.80791	33.088379
14998.28027	4993.115723	4436.673828	33.048829
15025.32031	5030.145998	4461.084961	33.055176
15060.20996	5001.882793	4437.969727	33.056841
15087.17481	5032.880371	4429.72998	33.010742
15122.41018	4992.125465	4445.237305	33.056841
15149.45508	5029.84375	4451.483987	33.088633
15184.5752	5000.803027	4435.812012	33.064453
15211.45996	5029.480489	4444.809686	33.095215
15246.55489	4994.84502	4457.95189	33.083477
15273.41982	5029.85825	4448.378953	33.04834
15308.5752	4998.58082	4450.361816	32.998047
15335.48535	5030.568948	4427.161133	33.005859
15370.52639	4992.044922	4429.788113	33.03125
15397.34961	5029.226074	4427.330078	33.01123
15432.50488	5001.407715	4427.985117	33.040527
15459.40039	5031.754883	4449.67041	33.024414
15494.29004	4994.181841	4444.24707	33.01416
15521.17481	5028.174916	4431.538133	33.047852
15558.19043	5000.126977	4449.903809	33.039551
15583.25977	5031.198738	4441.779297	32.988281
15618.32031	4994.200195	4421.5625	33.05127

15645.21973	5031.213379	4388.324707	33.052734
15680.23535	5002.032715	4448.214844	33.080078
15707.08498	5030.245117	4428.541992	33.04248
15742.25977	4993.027832	4423.209473	33.036068
15769.12012	5029.532715	4438.678758	33.110352
15804.13477	5002.460937	4401.401367	33.035645
15831.16018	5026.508348	4415.770998	33.184551
15866.18457	4993.414082	4403.07373	33.087402
15893.20508	5030.528909	4411.958496	33.085937
15928.21484	5001.731934	4438.290527	33.168457
15955.05957	5033.757324	4425.459473	33.050781
15990.19531	4993.984883	4423.377441	33.245117
16017.27539	5030.772461	4407.126418	33.237305
16052.31543	5002.743164	4448.042969	33.094727
16079.16504	5030.055176	4438.475588	33.182129
16114.16992	4995.160845	4414.109863	33.141113
16141.24023	5029.063477	4434.453613	33.04248
16176.29881	5002.968282	4430.824861	33.042989
16203.28482	5031.983301	4434.985352	33.02832
16230.18457	4995.831543	4403.970703	33.151387
16265.07031	5031.484844	4414.541016	33.080059
16300.0752	5001.44873	4404.882305	33.151367
16326.93457	5031.636821	4418.722168	33.075684
16362.03516	4994.26123	4421.610352	33.155273
16389.0957	5031.281738	4423.618113	33.185527
16424.2793	5002.38916	4418.42041	33.192383
16451.31445	5030.979004	4420.28541	33.083486
16488.28583	4993.717285	4403.072266	33.211914
16513.10938	5032.16748	4427.297383	33.127441
16548.30489	5002.460937	4443.779785	33.178223
16575.33008	5029.577637	4417.476074	33.044922
16610.28583	4995.479482	4398.851855	33.258301
16637.14063	5030.103616	4390.064453	33.268066
16672.24414	5002.692871	4412.519531	33.119141
16699.125	5032.382324	4461.740234	33.188965
16734.05078	4993.993652	4408.308105	33.153809
16760.91406	5033.289043	4411.358887	33.087871
16796.07422	5004.424805	4404.703125	33.089338
16822.94822	5031.648484	4424.092773	33.089824
16858.02539	4994.28248	4398.13623	33.063965
16885.01583	5029.708008	4430.145898	33.02002
16920.13086	5001.910156	4423.302246	33.085449
16947.26853	5030.938035	4420.226586	33.062888
16982.32422	4995.885254	4412.468008	33.156738
17009.31055	5028.183594	4423.119141	33.077837
17044.25	5005.303711	4455.011719	33.085918
17071.0957	5032.37793	4424.891895	33.055176
17106.27539	4993.898484	4424.342285	33.053711
17133.23047	5031.040039	4431.467773	33.088885
17168.44531	5007.885039	4431.398484	33.024414
17195.48047	5034.553711	4418.102051	33.029297
17230.47461	4999.29834	4450.037598	33.081035

17257.55469	5034.094727	4450.202637	33.0625
17292.50055	4998.413086	4449.102539	33.026367
17319.41406	4986.978492	4425.131838	33.024902
17354.61914	4993.544434	4441.91748	33.015137
17381.84063	4987.344238	4442.678223	33.014648
17416.80469	4997.978616	4457.35791	33.064453
17443.88088	4964.449707	4437.72188	33.035156
17478.93555	4998.140137	4432.314941	33.001953
17505.81055	5036.244629	4429.570312	33.029785
17540.80078	5006.221191	4430.839844	33.049805
17587.94922	5035.174316	4451.344727	33.036821
17602.90039	4998.574707	4428.559062	33.04248
17829.85547	5034.692383	4432.68748	33.066406
17884.89083	5006.383789	4420.871094	33.089355
17891.80678	5035.620805	4418.07373	33.165039
17726.78516	4997.627441	4437.354004	33.199219
17753.86016	5035.022461	4446.793457	33.034868
17788.83984	5006.916982	4442.094727	33.222168
17815.90039	5037.333008	4440.782227	33.041992
17850.82031	4998.033891	4446.653027	33.271484
17877.88555	5035.62793	4445.01709	33.082012
17912.69022	4999.869629	4454.202148	33.090332
17939.55469	4967.655762	4452.425781	33.071777
17975.01953	5001.549805	4433.458984	33.052734
18002.04492	5036.481428	4433.243652	33.087402
18037.19822	5009.208984	4417.243652	33.024414
18064.23047	5035.627441	4431.177734	33.083496
18099.14453	5002.52002	4468.479492	33.029785
18128.2207	5037.055884	4481.112793	33.050293
18161.28516	4996.990723	4458.370606	33.033203
18188.36914	4985.161133	4472.492187	33.020508
18223.54492	4998.437012	4436.537109	33.115234
18250.43945	5034.525391	4446.820117	32.994629
18285.5857	5007.540039	4457.081055	33.050781
18312.55078	5034.421387	4413.470703	33.020508
18347.58008	5000.972656	4458.205078	32.983398
18374.56984	5035.424318	4450.681641	33.013672
18409.83594	4998.593262	4475.150879	33.043945
18438.97461	4986.622948	4418.54834	33.046898
18472.30469	4995.211426	4434.253418	33.017578
18499.35938	4964.149902	4487.951172	33.129883
18534.31445	4999.814941	4459.434082	33.088359
18581.41018	4985.557817	4433.091797	33.030782
18596.47481	4997.4375	4456.998047	33.011719
18623.35938	5036.787383	4435.369141	33.025391
18658.50977	5005.590332	4453.344238	33.037109
18885.49414	5033.729492	4452.858008	32.994141
18720.45508	4997.708008	4432.07686	33.061036
18747.48047	5033.81543	4442.523926	33.047363
18782.45508	5005.734863	4437.818848	33.125977
18809.59961	5034.734863	4436.393555	33.039551
18844.84063	4999.508789	4480.444824	33.066406

18871.75	5035.741889	4441.247559	33.034668
18908.71484	4998.845215	4428.422852	33.08549
18933.85039	4985.283203	4410.345215	33.054199
18968.75	5001.107422	4438.206055	33.045898
18995.77539	5036.185059	4432.342779	33.18748
19030.92989	5007.130371	4412.291992	33.074219
19058	5038.895801	4431.867187	33.018555
19083.00977	4988.12207	4432.060547	33.020996
19119.88086	5035.351074	4400.958961	33.083477
19154.81445	4998.985352	4410.764848	33.020508
19181.83584	4988.193848	4404.401885	33.080078
19217.25	4994.783672	4414.335449	33.041504
19244.39453	4988.850391	4408.868211	33.05957
19279.5957	4999.037109	4418.445801	33.019049
19308.7207	4988.200884	4408.410922	33.106857
19341.83008	4998.007812	4423.040039	33.050781
19368.8457	5036.76123	4429.418434	33.083477
19403.75877	5004.905273	4430.526855	33.043845
19430.83477	5034.07888	4442.90332	33.020508
19465.58694	5000.585703	4408.227539	33.088378
19492.60547	5034.882812	4397.088379	33.081543
19527.73438	5005.845896	4388.483887	33.037598
19554.875	5034.240723	4394.112305	33.021973
19589.78518	4998.905762	4393.289082	33.000488
19618.8457	5036.203613	4423.54248	33.083477
19651.8457	4997.562012	4422.067402	33.061035
19678.93565	4988.77002	4404.758789	33.088355
19713.98047	5000.784888	4400.717285	33.073242
19741.25	5036.745117	4433.377441	33.058841
19778.22461	5005.305176	4422.152344	33.021873
19803.28908	5036.290039	4455.859688	33.033891
19838.40039	5000.079102	4431.429887	33.020508
19865.34961	5035.117187	4423.124823	33.047852
19900.41992	4999.010254	4416.539062	33.027344
19927.42989	4985.819829	4425.859688	33.057129
19982.54492	4993.277344	4433.243184	33.061623
19989.88555	4987.400879	4474.973145	33.078172
20025	4988.328125	4425.890918	33.079102
20052.11523	4984.345215	4435.889829	33.019043
20087.32031	5001.274902	4410.111328	33.027344
20114.39083	5034.250488	4443.853027	33.040039
20149.51853	5004.424805	4428.980937	32.985816
20178.5957	5036.189707	4378.9375	33.041504
20211.49023	4997.203125	4405.898094	33.097188
20238.35938	5036.826758	4422.980449	33.021484
20273.375	5008.853613	4415.313477	33.015825
20300.44531	5036.490234	4408.894338	32.998535
20335.47481	5000.117878	4398.834861	33.088359
20362.56445	5035.947288	4435.253418	33.03125
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20424.7793	5035.86084	4446.629883	33.040039
20458.84922	4997.813865	4452.249023	33.04834

20486.93945	5038.088408	4459.62783	33.023926
20522.00588	4998.39502	4455.929887	33.012895
20548.85547	4965.533891	4464.855762	33.108934
20583.8457	4998.833788	4432.977539	33.029297
20610.97481	5035.772949	4450.270508	33.022481
20645.8707	5006.783872	4447.177734	33.08543
20672.86523	5038.338379	4428.304687	33.040527
20708.05078	4997.871084	4449.817383	33.054199
20735.10838	5037.087188	4421.553223	33.078613
20778.07031	5006.382783	4475.858934	33.050781
20796.89083	5035.117876	4473.144043	33.035845
20832.08584	4999.70752	4448.820805	33.035158
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20894.25	5007.039062	4401.418016	33.08418
20921.28518	5036.888184	4418.330566	33.022481
20956.4043	5002.308841	4411.551758	33.0825
20983.30078	5037.708055	4432.021484	33.03418
21018.31055	5000.923828	4428.348833	33.058152
21045.33008	4988.189434	4413.505371	33.018531
21080.625	4891.883281	4428.847848	33.04248
21107.67578	4968.12793	4418.587891	33.024902
21142.88018	4998.891899	4446.303711	33.07373
21188.57031	4966.317871	4437.975588	33.057817
21204.72481	4999.344727	4397.797862	33.01416
21231.78953	5037.499023	4421.738281	33.037109
21266.87889	5007.549805	4438.388719	33.028785
21293.5857	5038.288133	4428.831841	33.084841
21328.81445	4988.188504	4413.257324	33.024414
21355.71084	5035.258788	4420.170898	33.022849
21390.71484	5007.293457	4394.850391	33.0825
21417.74023	5038.498535	4428.135254	33.05957
21452.82031	4988.782895	4419.828125	33.021873
21479.83594	5036.310547	4435.180845	33.03125
21514.73438	5007.083008	4408.08543	33.038551
21541.80838	5035.237793	4413.075684	33.030762
21576.83086	5000.793945	4413.788088	33.043457
21603.57422	5035.105469	4417.55127	33.071289
21638.5	5006.168845	4428.874318	33.047852
21665.57422	5038.087881	4407.253418	33.038551
21700.50877	4999.45752	4378.851562	33.080332
21727.40039	5038.78709	4405.116689	33.04541
21762.32422	4999.382578	4385.90625	33.023926
21788.32422	4968.347656	4388.722856	33.043945
21824.44922	5000.694824	4395.848926	33.072754
21851.4707	5037.88209	4418.777344	33.057817
21886.52539	5005.888434	4413.864748	33.04834
21913.42889	5038.418457	4405.873535	33.034668
21948.41018	4989.810059	4410.537588	33.02002
21975.86084	5035.922852	4415.189922	33.02002
22013.93555	4999.400391	4408.046387	33.044922
22043.08008	4964.824023	4411.874023	33.051035
22080.81055	4988.65918	4420.484883	33.05957

22110.42578	5034.852051	4423.509766	33.012207
22146.29492	5005.530762	4409.236281	33.047852
22177.25	5035.125	4433.514848	33.03418
22214.45608	4998.278809	4420.762695	33.005371
22244.07422	5035.445312	4433.530762	33.07866
22282.48438	4997.70752	4415.103957	33.043945
22311.63086	4964.283945	4428.291504	33.021484
22349.39914	4998.440918	4408.868164	33.01709
22378.85039	5035.481445	4413.037109	33.041992
22416.53516	5005.820312	4385.190918	33.017578
22445.92578	5035.02832	4420.352051	33.040527
22483.2793	4998.019531	4408.847754	33.04541
22512.71094	5036.54834	4401.602539	33.0825
22550.30469	5007.383789	4395.132324	33.087871
22579.80469	5035.160156	4390.758859	33.048828
22618.88086	4999.22996	4390.814258	33.035156
22645.56008	5035.239258	4407.16748	32.892187
22684.58884	4998.740723	4392.520996	33.034668
22713.88914	4968.970215	4436.639648	33.047852
22751.44531	4997.343282	4430.578959	33.052734
22780.91018	5035.889648	4428.191895	33.03125
22818.51583	5006.924905	4399.982422	33.033203
22847.14063	5036.29248	4430.997559	33.043945
22884.80078	5000.713867	4428.14209	33.043457
22913.44922	5034.4375	4418.479004	33.054687
22951.73438	5006.807422	4403.04541	33.03418
22980.24414	5036.594236	4416.121094	33.085449
23018.25	4998.420898	4448.779785	33.028855
23048.88086	5035.330078	4416.890625	33.042989
23084.21484	5006.90918	4424.868238	33.050289
23113.71094	5034.984863	4421.57959	33.021973
23151.58884	5000.688965	4421.497559	33.044434
23180.21094	5036.720703	4424.927734	33.046387
23218.18406	5006.953126	4386.382812	33.047383
23247.30469	5035.496094	4430.419922	33.041504
23284.64063	4998.868164	4424.715332	33.019531
23313.57031	5035.756836	4443.878518	33.03418
23351.58884	5008.399414	4455.055984	33.082988
23380.38523	5033.97168	4428.3125	33.038086
23417.5293	4999.770996	4412.108887	33.048805
23447.56445	5035.403809	4420.024902	33.050283
23484.58445	5000.589844	4440.28125	33.056152
23514.00877	4968.977539	4434.997559	33.038621
23551.58884	4998.954102	4432.012207	33.044822
23580.59981	5035.626953	4464.257812	33.028785
23618.4707	5008.777344	4464.935547	33.083984
23647.05078	5037.01123	4465.962691	33.078813
23685.38523	5000.439453	4419.234853	33.036621
23714.07031	5037.297383	4434.458008	33.050781
23751.39063	5000.111328	4411.479004	33.068895
23780.25586	4965.952637	4433.039062	33.041016
23817.88018	4997.566408	4403.280254	33.020996

23847.01563	5035.16748	4447.916018	33.025679
23885.28492	5000.506348	4405.849121	33.089824
23914.35547	4965.628465	4467.414551	33.027832
23952.51563	4999.083262	4447.73584	33.040527
23981.61523	5036.385234	4450.82666	33.028855
24019.50586	5007.234663	4441.312012	33.086895
24049.26977	5037.763184	4436.586914	33.069594
24086.48047	5001.844043	4442.871582	33.060547
24115.99414	5033.429189	4454.03125	33.062988
24153.71484	4997.701172	4454.583477	33.048875
24182.64063	4964.251465	4421.035645	33.035645
24220.99023	4999.811816	4413.230469	33.050781
24250.6543	5036.231445	4433.367187	33.010254
24288.21094	5001.577148	4424.148926	33.04834
24317.01563	4967.0825	4430.445801	33.058641
24355.48047	4985.28125	4428.968282	33.034668
24385.51953	4966.255371	4439.825684	33.01709
24423.06584	5001.288133	4417.552248	33.04248
24451.875	4968.131348	4440.682109	33.058105
24490.00977	5001.181152	4406.937998	33.042969
24518.88086	5038.586895	4368.433105	33.077148
24556.82578	5007.153809	4425.961914	33.064453
24586.19922	5036.85459	4416.720215	33.027832
24623.93945	4988.523437	4412.732422	33.049316
24652.89063	5036.663809	4393.271484	33.039551
24690.93555	5007.885742	4443.794922	33.088379
24719.75977	5037.737305	4432.074219	33.082888
24757.33008	5000.783184	4438.301758	33.075684
24786.5293	5037.441895	4424.239258	33.030782
24824.03518	5002.880371	4426.028655	33.087383
24853.00977	4966.689941	4425.228074	33.018066
24891.31055	4985.152832	4461.877441	33.030782
24921.05469	4966.453613	4475.801562	33.028367
24958.61914	5001.183574	4481.800781	33.038821
24987.97481	4989.861621	4468.234375	33.048828
25028.41992	4986.101074	4457.13918	33.028367
25055.43945	4986.680645	4460.076684	33.038574
25083.89063	5000.948219	4464.368652	33.050781
25122.86914	4968.798805	4441.501485	33.058105
25160.16406	4985.838477	4418.306841	33.028785
25189.58984	4967.126953	4436.189434	33.043945
25227.08584	5001.004883	4401.871094	33.047862
25256.52539	4967.502441	4430.459981	33.055176
25284.28516	4996.44043	4436.026855	33.053711
25323.74414	4966.88877	4424.387895	33.097858
25361.25588	5001.336426	4460.658738	33.054189
25390.34961	4967.44873	4433.600586	33.078125
25427.8457	4996.117576	4460.344238	33.030762
25456.86992	4967.022461	4429.351562	33.018066
25494.09055	5002.622806	4428.205588	33.013872
25523.03518	4968.162109	4424.587402	33.031738
25561.31445	4995.689453	4438.151367	33.081543



25590.54482	4967.897288	4450.174316	33.058105
25628.56055	5001.001485	4443.55957	33.023437
25657.92578	4967.387685	4432.890137	33.027832
25695.35547	4998.603027	4423.695312	33.075196
25724.80078	4987.577148	4414.368211	33.030273
25762.96484	5002.871582	4434.758277	33.023437
25792.77539	4967.79248	4408.728516	33.026855
25830.89453	4996.25	4417.813261	33.098145
25859.58594	4967.85791	4422.076172	33.028809
25897.71484	5000.910156	4424.063965	33.015137
25927.16016	4967.660156	4414.702837	33.050781
25964.81055	4996.772461	4420.513672	33.024902
25994.33984	4987.734863	4435.580078	33.020996
26031.94531	5001.647949	4475.830176	33.058105
26060.63008	4988.056152	4451.809082	33.038574
26098.23047	4997.67627	4427.007324	33.031738
26126.89063	4988.029297	4421.359375	33.046875
26163.94531	5000.818848	4413.408691	33.078125
26192.32422	4967.424805	4415.489746	33.047852
26229.87578	4993.908203	4435.29541	33.049527
26258.80978	4967.856738	4425.092773	33.043945
26297.05469	5001.242167	4471.008301	33.043945
26326.04482	4986.896777	4493.083984	33.055178
26364.00977	4997.411133	4463.543945	33.043945
26392.49414	4967.254395	4447.530273	33.041504
26430.89822	5002.70186	4422.922363	33.062012
26460.13477	4968.875	4420.553711	33.033203
26498.44531	4995.250488	4428.255371	33.03125
26527.03516	4967.83918	4459.96582	33.009786
26563.84531	5001.900879	4419.84375	33.063965
26593.19531	4969.967285	4447.247559	33
26630.51914	4994.963613	4432.348633	33.043457
26659.50586	4965.928711	4449.901367	33.067871
26697.71094	5001.30127	4411.254385	33.022949
26728.88068	4967.877734	4418.378906	33.081035
26763.97481	4994.857227	4419.531738	33.047363
26793.58055	4967.522461	4459.495806	33.03418
26830.82031	4989.318848	4426.481445	33.036133
26859.7207	4968.175293	4427.145508	33.041504
26897.31055	4998.856445	4428.03418	33.03418
26927.03908	5037.55127	4415.430664	33.030762
26964.48438	5000.541016	4419.813965	33.052246
26993.4043	4968.478492	4427.405273	33.087871
27031.24414	5000.873047	4423.28416	33.040039
27060.19531	5037.974121	4429.639648	33.073242
27098.41406	5007.515137	4425.279785	33.018066
27127.07031	5037.262207	4375.506836	33.019043
27164.95508	5001.378953	4406.25	33.072754
27193.55469	5035.858445	4422.220703	33.021484
27231.875	4999.230469	4432.186035	33.074219
27260.42578	4968.229004	4426.052246	33.034688
27298.06055	4996.105489	4427.718262	33.038066

27326.99023	4867.568895	4426.581055	33.064841
27365.06008	5001.201172	4436.837891	33.056152
27383.80468	4966.785645	4401.390625	33.037598
27431.25	4985.206055	4397.331543	33.015137
27480.38523	4868.528297	4395.788062	33.080547
27498.84961	5000.94043	4402.647949	33.053223
27528.25977	4967.929199	4390.181152	33.03418
27565.34961	5001.937988	4396.399414	33.052246
27584.24414	5038.234863	4423.003908	33.080547
27631.89414	5006.459613	4443.085449	33.012207
27680.28563	5038.578613	4407.364258	33.051758
27688.17869	5000.108887	4417.95752	33.035156
27726.48047	5035.890137	4442.40825	33.040527
27784.17578	4999.55957	4417.942871	33.042969
27793.0957	4985.912598	4430.254883	33.05127
27830.49414	4988.271973	4462.18457	33.025879
27839.33964	4967.375488	4411.19873	33.040039
27888.08445	4999.634277	4418.94043	33.038891
27927.71484	4868.624512	4451.015137	33.067383
27964.88018	5001.097188	4435.310547	33.04834
27993.83008	5037.88623	4423.909688	33.005859
28031.90039	5002.985352	4434.842578	33.074219
28061.58984	4967.496094	4465.025879	33.035645
28099.4043	4997.027832	4418.736818	33.054687
28128.55078	4966.944824	4420.849609	33.030273
28188.22461	5001.832324	4424.01123	33.041982
28195.59961	4970.840137	4400.106957	33.036621
28233.25977	4996.404785	4431.00293	33.036133
28262.49023	4967.413574	4430.205566	33.026855
28300.1543	5001.74707	4418.751465	33.028909
28329.27539	4966.800283	4423.258301	33.069824
28368.71094	4997.842578	4439.132812	33.091797
28395.58594	4970.084727	4421.679199	33.125
28433.65938	5004.235352	4410.859981	33.036086
28463.00977	4868.744829	4435.277344	33.049316
28501.10938	4995.538821	4450.427734	33.032715
28530.30469	4968.425781	4437.105957	33.04248
28567.46094	5000.118652	4469.826953	33.09668
28598.63477	4967.849121	4482.447288	33.049318
28634.50977	4967.388648	4447.823242	33.058594
28663.4707	4968.323242	4440.370805	33.032227
28700.78482	5001.258301	4477.007812	33.02832
28728.94922	4968.078813	4439.246582	33.064453
28768.56445	4997.418504	4438.498047	33.021484
28795.125	4968.900391	4426.916504	33.032715
28832.26953	5000.653809	4426.950195	33.058594
28861.125	4969.245605	4405.703125	33.07373
28899.625	4968.44873	4421.329102	33.075684
28929.05489	4968.730748	4423.130859	33.024414
28966.75977	5001.994629	4432.685547	33.03418
28998.24023	4968.760742	4422.862793	33.062988
29033.30078	4997.805684	4432.085703	33.064941

29082.88945	4988.888504	4413.103518	33.018113
29088.92889	5001.581523	4400.134788	33.062248
29128.78518	4988.270508	4411.402832	32.991211
29167.35547	4988.473633	4404.528855	33.018066
29198.87578	4988.582031	4431.918504	33.045898
29234.83584	5000.499512	4433.208065	33.088848
29263.86623	4970.208861	4417.074219	33.048875
29301.82422	4998.698219	4447.388872	33.043457
29330.58861	4968.084238	4445.736816	33.047383
29368.28563	5002.800781	4430.141802	33.004985
29397.60547	4988.767578	4421.383788	33.038674
29434.53908	4998.126953	4418.212402	33.043457
29483.50588	4968.304198	4450.031738	33.041504
29501.33008	5001.483398	4430.717773	33.064453
29530.30078	4988.651367	4448.850088	33.052734
29567.42889	4988.72188	4426.105857	33.030762
29586.48484	4987.748047	4431.308841	33.055176
29634.75688	5000.788531	4441.81748	33.03125
29684.78808	4987.814453	4431.108887	33.078125
29702.33884	4997.866889	4442.120805	33.036621
29731.14453	4968.34375	4407.722658	33.03125
29788.10547	5000.677246	4399.608887	33.07666
29797.3457	4988.848145	4403.984355	33.038821
29834.08881	4998.904785	4430.81543	33.046387
29883.57031	4988.832324	4448.860884	33.024902
29901.375	5003.878953	4443.650391	33.084841
29929.88523	4988.58252	4442.983388	33.012889
29988.83884	4998.821094	4437.287598	33.048318
29987.78806	4971.068953	4444.992187	33.028785
30035.97461	5002.73291	4412.044434	33.082285
30084.83884	4988.333008	4421.708884	33.078125
30102.28583	4985.798387	4420.383088	33.03125
30131.17889	4988.130371	4440.878418	33.038821
30188.41882	5003.281892	4435.846777	33.099121
30197.10547	4988.711814	4431.687012	33.034888
30234.28482	4998.233398	4428.850884	33.032227
30283.88822	4988.843068	4377.289318	33.087871
30301.47461	5002.735352	4387.21582	33.041504
30329.71484	4988.828758	4408.893555	33.116211
30367.71084	4995.034888	4399.990723	33.088406
30387.78953	4988.340332	4424.512695	33.038891
30435.88088	5000.757324	4443.452637	33.061035
30484.69531	4987.702148	4423.874023	33.228516
30502.88477	5002.025391	4426.304199	33.044822
30532.35838	5039.757324	4434.145998	33.059223
30588.80488	5001.887878	4448.148873	33.052246
30599.63477	4968.541504	4432.754883	33.057817
30637.28853	4994.715332	4424.288884	33.030762
30688.78853	4988.050293	4427.391802	33.042889
30704.18555	5002.21582	4434.777344	33.020886
30733.41018	4988.211428	4442.240723	33.013184
30771.0283	4988.553711	4440.581055	33.010742

30800.1543	4889.032715	4428.851367	33.067871
30837.57422	5002.127441	4427.874512	33.0626
30888.24023	4970.164551	4418.897481	33.023437
30904.58981	4894.745117	4385.95186	33.027344
30934.20508	4970.797383	4419.515137	33.041992
30971.19922	5001.891885	4407.027832	33.064687
31000.44531	4866.588145	4431.244829	33.039551
31038.58984	4997.729482	4425.249512	33.053223
31067.28583	4988.14502	4406.433105	33.032227
31105.41406	5002.797383	4429.239258	33.020896
31134.36938	4968.345215	4393.885742	33.037588
31172.53516	5000.120605	4391.058594	33.031738
31201.75977	5039.486816	4394.137896	33.058082
31239.19922	5002.480449	4432.509277	33.043457
31288.57031	4970.325684	4414.88377	33.048828
31308.42988	4986.990234	4431.921876	33.055176
31335.33008	4889.543845	4427.74707	33.041504
31372.73047	5003.068359	4415.896094	33.004395
31401.44922	4988.553223	4372.587188	33.05127
31439.44922	4994.88457	4380.833788	33.009786
31488.21484	4988.865234	4386.888852	32.994629
31505.82422	5000.40825	4420.317871	33.033691
31534.87989	4988.713887	4418.521484	33.049318
31572.87989	4997.782227	4403.022848	33.018043
31601.58981	4888.918457	4404.021484	33.048387
31638.81523	5001.000977	4409.437012	33.035645
31688.41406	4889.283891	4430.581035	33.048527
31706.13886	4997.31543	4437.383301	33.016602
31734.875	4987.240234	4433.200884	33.025879
31772.28583	5000.304189	4411.388852	33.069082
31801.5293	4989.892578	4437.587871	33.041992
31839.40039	4998.528855	4420.882812	33.048387
31887.58055	4989.998535	4419.585215	33.063965
31904.8457	4999.990234	4441.937988	33.057817
31934.08008	4888.830859	4419.867876	33.023437
31971.95508	4895.548387	4439.78418	33.048805
32001.18982	4988.226662	4414.982402	33.048387
32038.49414	5002.010254	4440.843086	33.028297
32067.92969	4989.81543	4421.914082	33.000977
32105.88914	4997.389629	4413.990723	33.045898
32134.26563	4988.283457	4408.803027	33.050293
32172.08594	5001.538674	4409.840332	33.035845
32201.58594	4988.181133	4408.821288	33.019043
32240.33594	4995.296875	4387.289551	33.080078
32288.77539	4970.187012	4431.862109	33.015137
32307.14453	5003.508348	4458.457031	33.05127
32336.71484	4988.978027	4440.587891	32.998535
32375.36914	4998.578125	4423.329102	33.081035
32404.34961	4988.11377	4440.558594	33.058105
32442.08981	5001.41748	4404.549805	33.048876
32471.05488	4987.484375	4430.495805	33.020996
32510.04492	4997.715332	4401.856738	33.02002

32539.5293	4968.778855	4435.005371	33.044434
32577.60977	5002.987793	4391.40818	33.047852
32606.11914	4971.303711	4379.225098	33.06543
32643.97461	4995.11377	4416.864258	33.066885
32672.18016	4987.12207	4398.099609	33.042969
32709.08055	5000.501953	4383.702148	33.011719
32738.16408	4968.699219	4383.007812	33.046387
32776.58984	4998.210837	4394.489023	33.038086
32805.48875	4967.498023	4424.024902	33.016113
32842.93356	5000.373535	4439.728027	33.035158
32872.30859	4969.640625	4458.001953	33.038574
32910.42188	4987.813477	4457.798828	33.044922
32939.12891	4970.628906	4501.749023	33.039551
32977.58641	5000.777344	4471.673828	33.055684
33007.87168	4988.759277	4424.19043	33.008277
33045.05859	4997.407715	4462.885234	33.023437
33074.71484	4969.722168	4424.149414	33.040527
33112.91406	5000.80857	4410.59082	33.04248
33142.37109	4969.82959	4423.46875	33.028809
33178.74809	4998.466797	4446.211914	33.048387
33209.51172	4967.881328	4422.670605	33.030762
33246.98436	5004.206543	4398.162598	33.033691
33275.78516	4970.257812	4434.451172	33.04248
33313.37109	4987.756836	4448.130859	33.033203
33342.29688	4969.507812	4428.951172	33.04834
33379.88359	5002.479492	4421.029785	33.027344
33409	4989.763184	4428.930178	33.022461
33447.28172	4997.271484	4454.206055	33.068406
33478.73047	4989.053223	4436.748535	33.052734
33514.43358	5001.834473	4447.289062	33.016802
33543.875	4989.702148	4401.20186	33.022481
33681.53906	4996.701992	4418.388164	33.039082
33809.94141	4989.20752	4439.767578	33.036821
33848.55489	5003.077148	4423.232422	33.035156
33877.80078	4989.03125	4416.991699	33.047383
33715.16406	4998.856834	4444.939453	33.046387
33744.96438	4970.925781	4387.530273	33.088867
33783.07422	5001.130371	4391.885742	33.058105
33812.19922	4970.621582	4405.828125	33.038574
33849.89822	4987.341797	4398.279297	33.047852
33879.87578	4968.546875	4446.947754	33.000977
33917.61328	5002.541992	4442.271484	33.054199
33946.79688	4989.033203	4444.919434	33.041992
33984.70313	4998.178758	4440.905762	33.032227
34013.05859	4968.803516	4439.539062	33.047363
34051.43359	5002.431162	4421.047383	33.042969
34080.78516	4969.835837	4443.544434	33.080547
34118.05859	4999.438477	4437.944824	33.038086
34146.98828	4985.101074	4406.894043	33.013672
34184.98047	5002.983398	4362.669922	33.040089
34214.79688	4989.049316	4377.660845	33.038574
34252.28172	4996.247559	4407.328125	33.080586

34281.97666	4969.88584	4400.792969	33.023437
34319.53906	5001.888872	4425.532227	33.037598
34347.42188	4970.903809	4438.530273	33.052246
34385.51953	4997.322266	4410.410845	33.029785
34414.46484	4985.229492	4428.524902	32.989258
34452.73047	5005.057817	4421.271973	33.049318
34481.88872	4968.748582	4405.255371	33.041016
34519.33984	4988.239258	4382.116211	33.041604
34547.98438	4968.14209	4374.797363	33.069609
34585.53906	5002.067871	4430.131348	33.003418
34614.42869	4968.415039	4380.379683	33.004395
34652.85825	4998.451172	4418.259277	33.033891
34682.08984	4988.436523	4418.681152	33.030273
34720.03806	5001.689453	4426.743184	33.047852
34749.24809	4969.25293	4417.541016	33.033891
34787.23828	4998.807129	4418.367187	33.008789
34816.30469	4969.330078	4417.991211	33.053711
34854.10141	5004.060547	4418.435547	33.031738
34883.35938	4971.605469	4432.731934	33.085918
34921.12109	4997.575884	4382.293845	33.03418
34950.42989	4970.503418	4388.717773	33.015137
34987.32422	5004.121094	4384.149484	33.01123
35016.01953	4972.317871	4438.008301	33.03418
35053.85547	4998.600588	4404.708984	33.039551
35082.72858	4969.872559	4422.081543	33.044922
35120.16825	5000.257324	4401.914062	33.048828
35149.44922	4969.509788	4443.573242	33.028855
35187.52344	4988.90825	4421.362305	33.068408
35216.98094	4971.430176	4439.826172	33
35258.01172	5002.547363	4430.479482	33.017578
35284.95313	4971.59688	4418.820805	33.077637
35322.05469	4998.509766	4431.570312	33.085449
35350.88408	4969.832812	4459.885234	33.044434
35388.55859	5003.361816	4440.850099	33.044922
35418.40625	4969.48582	4461.314453	33.038574
35455.98828	4997.345216	4441.192871	33.080059
35485.42969	4973.430176	4451.288086	33.027832
35524.17989	5003.282227	4440.791016	33.016602
35553.28125	4969.479004	4424.332031	33.043457
35590.95313	4998.438477	4422.536821	33.037109
35619.59875	4969.835937	4462.714355	33.029297
35658.28172	5001.449219	4415.318848	33.037109
35697.22856	4971.000488	4440.884277	33.022461
35724.88328	4999.480937	4424.130859	33.038574
35753.48828	4970.82334	4413.725586	33.055176
35790.875	5001.74707	4396.571777	33.057817
35819.48438	4971.280254	4412.210937	33.060059
35858.91016	4998.494629	4420.88748	33.030782
35885.98828	4969.951172	4427.028297	33.073242
35923.87578	5001.440918	4422.428711	33.05957
35952.80156	4967.447286	4427.483398	33.058082
35990.53516	4999.561035	4447.179887	33.049316

36018.17989	4989.341797	4450.508301	33.042989
36057.55859	5002.451172	4410.979004	33.027344
36086.50641	4970.748047	4466.109663	33.063965
36124.30459	4988.167969	4401.035845	33.015625
36153.85156	4971.207031	4438.291016	33.054887
36192.14453	5001.454102	4395.083008	33.044434
36220.71875	4968.656738	4402.535156	33.072266
36258.70313	4897.693359	4435.596191	33.072266
36286.78125	4969.844238	4423.770608	33.043457
36324.64063	5001.008769	4417.943848	33.016113
36354.46875	4976.19043	4477.284688	33.012695
36391.42578	4997.509277	4401.95166	33.023928
36420.71875	4970.935547	4397.119629	33.04834
36458.41016	5003.894531	4378.568359	33.033203
36486.73828	4970.149414	4424.180918	33.025879
36524.57091	4995.96875	4424.072754	33.080547
36553.52344	4967.306176	4425.895605	33.033203
36591.82813	5004.441895	4408.691797	33.036621
36620.67891	4969.257324	4431.691895	33.055178
36658.76959	5000.106934	4413.144531	33.060547
36688.00391	4970.942383	4426.977051	33.019531
36726.16016	5002.161621	4421.378906	33.049605
36755.26516	4968.898826	4433.430176	33.010254
36792.76516	5000.190918	4433.083984	33.048828
36821.55078	4969.578613	4423.370805	33.05127
36858.76953	4986.772949	4407.543945	33.022461
36887.67109	4969.297852	4422.894531	33.056152
36926.51563	4968.962187	4425.508836	33.038086
36954.57422	4970.691406	4420.55127	33.048828
36992.55078	5003.157227	4444.311523	33.030782
37021.03125	4970.573242	4457.26709	33.035645
37059.17188	4997.683088	4421.13823	33.015137
37088.52344	4971.572266	4453.804492	33.057617
37127.35938	5003.160156	4452.505371	33.022949
37156.57813	4969.824219	4452.061543	33.046875
37193.85625	4998.458961	4424.488281	33.032988
37223.02344	4969.190918	4397.120117	33.030273
37261.29888	5004.176758	4422.878465	33.062012
37290.48828	4969.711426	4389.959961	33.021973
37328.85625	4999.378906	4406.855273	33.068895
37357.98438	4970.205078	4398.792969	33.049805
37396.48484	5002.287596	4411.688477	33.013672
37425.30489	4970.63916	4409.304887	33.026855
37462.87891	4997.60498	4401.85488	33.025879
37491.82813	4969.234375	4410.223145	33.04248
37528.89063	5002.942871	4444.503418	33.049316
37557.73828	4971.394531	4400.968282	33.041504
37595.83984	4997.560547	4406.089355	33.046387
37624.78125	4968.98291	4443.597856	33.012695
37662.81641	5001.838965	4408.624512	33.019043
37692.00391	4967.413088	4426.724121	33.038086
37729.76953	4999.033691	4438.777344	33.059082

37758.02344	4970.200195	4441.683105	33.048828
37788.07031	5001.804199	4423.808887	33.058641
37826.46484	4971.129395	4429.839355	33.048387
37864.625	4997.760742	4447.519531	33.080568
37893.875	4971.487793	4445.980469	33.032227
37931.76563	5002.993852	4409.870898	33.054687
37960.78518	4968.994141	4414.990723	33.015825
37998.57422	4998.450195	4407.8125	33.05127
38027.78518	4968.596191	4415.075684	33.051758
38065.98047	5002.588355	4428.988047	33.047852
38095.17185	4969.255859	4409.864004	33.042969
38132.91408	4998.418457	4408.629883	33.012207
38162.53908	4969.47998	4430.554687	33.007812
38200.14453	5004.753906	4420.779297	33.064941
38228.94922	4969.407227	4409.828418	33.003906
38265.87891	4999.455078	4421.405273	33.043457
38295.28125	4971.371094	4377.148437	33.041504
38333.58884	5002.881152	4407.722658	33.054887
38363.01563	4971.505859	4425.044434	33.087891
38400.35547	4999.140625	4401.598145	33.070801
38430.05859	4971.671875	4416.001465	33.182129
38468.26959	5003.620605	4408.770996	33.107422
38497.20313	4972.734863	4396.88873	33.025391
38535.85547	4999.569824	4405.090332	33.030762
38565.64453	4971.871387	4389.843655	33.029785
38603.03125	5000.302246	4397.478562	33.034868
38632.84375	4971.583984	4379.152832	33.039062
38670.24009	4991.111328	4405.858691	33.003908
38698.75	4971.208008	4392.891113	33.045898
38736.94922	4969.251465	4392.575884	33.030762
38765.84375	4971.391802	4410.210937	33.024902
38804.03516	4999.117187	4423.311523	33.068895
38833.17989	4972.084473	4412.138872	32.983388
38870.87656	5005.818848	4399.883359	33.053711
38900.10547	4971.587891	4432.682129	33.058594
38938.51953	4998.356887	4429.986094	33.043945
38967.94141	4971.749023	4433.561035	33.060059
39006.95313	5003.852539	4402.177248	33.01709
39035.56641	4971.422383	4408.491899	33.03418
39074.38672	4999.296875	4420.505371	33.027344
39103.85938	4999.916992	4431.87627	33.078613
39142.03808	5005.588379	4381.823047	33.054199
39171.30078	4971.878808	4386.84082	33.038551
39208.85156	5001.034668	4421.958055	33.072754
39239.07031	4970.827148	4405.023437	33.022461
39277.12109	5005.745117	4409.048828	33.029297
39308.86094	4970.114258	4402.980957	33.043457
39344.87891	4999.51709	4407.303711	33.06543
39374.93359	4972.391113	4413.149902	33.054687
39412.52344	4997.899902	4432.888852	33.046875
39441.28518	4972.184082	4424.941895	33.038574
39478.90625	4998.552734	4417.180176	33.056152



39507.77344	4969.620117	4420.283672	33.058105
39546.00391	5003.770996	4392.839844	32.996094
39575.50391	4970.597856	4416.272461	33.041504
39613.82578	4968.318358	4392.913086	33.04248
39643.89141	4970.779785	4395.938477	33.014848
39681.97856	5004.071777	4397.021484	33.032715
39711.60547	4972.486328	4404.873047	33.038551
39749.52344	4996.431152	4411.140625	33.023437
39778.66406	4968.224121	4447.868652	33.01123
39818.26172	5002.605957	4470.865723	33.035645
39845.48828	4968.958738	4424.460449	33.045898
39884.24608	4988.715332	4434.812012	33.028387
39913.88359	4989.418457	4429.737305	33.084473
39951.89608	5004.773826	4475.192283	33.018113
39981.71484	4989.894531	4454.824707	33.02002
40019.81641	4988.134786	4445.206055	33.060059
40049.64063	4971.369141	4456.043457	33.085449
40087.09375	5002.36084	4486.518066	33.043457
40115.85547	4970.174316	4424.902246	33.037109
40153.72656	5000.32969	4383.394531	33.074707
40182.96484	4972.23584	4411.313477	33.049918
40220.28908	4993.979492	4417.639648	33.004395
40249.98047	4971.540527	4407.289043	33.01709
40287.69141	4999.682617	4421.854297	33.052734
40317.17969	4971.298805	4387.380371	33.000488
40355.32813	5004.848242	4423.937988	33.049805
40385.56641	4972.582285	4443.675781	33.02832
40423.51563	5002.426758	4429.444824	33.048387
40453.01953	4989.667969	4436.39209	33.014848
40491.45313	5004.241689	4411.45166	33.039203
40620.74809	4971.207031	4418.128908	33.027832
40558.82031	4998.847856	4433.747559	33.053711
40588.25391	4972.630859	4456.856738	33.025879
40626.58594	5003.881934	4445.087871	33.030762
40655.83872	4971.240234	4407.824316	33.08543
40694.42969	4999.22998	4421.819824	33.029287
40724.08584	4969.444824	4489.888822	33.016113
40761.47856	5004.337891	4434.050293	33.050293
40791.01172	4971.771973	4436.428711	33.038133
40829.11328	4968.879199	4420.583496	33.047852
40857.82813	4971.190918	4410.57959	32.992187
40895.68359	5003.671875	4413.092773	33.091309
40925.19922	4970.741899	4454.775879	33.029785
40953.57422	4999.091797	4397.000488	33.024902
40982.51172	4989.79248	4412.776855	33.038062
41031.18359	5003.858375	4414.158891	33.007324
41060.49609	4971.079102	4423.754395	33.04834
41088.01953	4988.424805	4415.303711	33.058641
41127.25391	4972.331055	4434.212402	33.083984
41168.82813	5005.194336	4433.486328	33.052734
41198.60547	4969.928223	4405.53418	33.08252
41230.66018	4997.695801	4432.677734	33.069336

41260.14063	4970.145508	4448.064941	33.041504
41289.10938	5004.161621	4484.740723	33.081035
41328.28806	4970.307129	4463.369141	33.092773
41366.66016	4996.930176	4445.926758	33.081056
41398.53908	4970.613281	4439.965332	33.019531
41433.87891	5001.888523	4440.374023	33.068369
41462.76953	4969.770996	4453.898437	33.023437
41500.42578	4998.043945	4463.82859	33.052246
41529.825	4968.042969	4453.837207	33.041504
41568.09375	5003.806445	4429.837891	33.035156
41587.60078	4970.194824	4405.207031	33.043846
41635.44141	4997.503906	4385.501465	33.017578
41664.35156	4970.48291	4417.181406	33.040527
41702.55078	5004.090332	4403.928223	33.109883
41732.52344	4970.111816	4399.512695	33.300293
41771.24809	4997.825684	4406.719238	33.038574
41800.53125	4969.496582	4404.10498	33.012207
41838.28906	5001.701172	4407.788066	33.038621
41868.82813	4970.845508	4435.476562	33.22998
41906.74609	5000.592285	4431.600098	33.071299
41934.94531	4970.588355	4413.327837	33.037109
41973.57031	5003.185059	4415.714356	33.011719
42002.33594	4969.352539	4428.079102	33.068406
42040.68406	4997.823535	4436.444824	33.038621
42070.23438	4970.668504	4451.838184	33.035645
42108.75	5002.322754	4438.466797	33.037588
42138.10547	4971.334473	4464.208486	33.070312
42176.65625	4996.281738	4452.567383	33.037588
42204.96094	4988.011719	4417.589355	33.064453
42242.92578	5004.207031	4443.184551	33.054199
42272.36328	4971.739746	4453.07686	33.032715
42310.30859	4997.291016	4457.09082	33.018066
42339.20313	4970.28125	4419.081543	33.039086
42377.87891	5003.272461	4403.132812	33.050781
42408.91016	4967.812012	4389.07373	33.0825
42444.35547	4999.777344	4431.347168	33.060547
42473.10938	4968.131836	4409.016113	33.029297
42511.21875	5001.257612	4415.361328	33.02832
42540.48828	4970.118852	4421.20166	33.043457
42577.60547	4998.30957	4418.891802	33.052734
42606.60391	4970.794434	4464.851074	33.039082
42645.28125	5004.07959	4477.358867	33.089824
42673.85547	4969.083496	4464.296875	33.08543
42712.73438	4997.78416	4480.947266	33.044822
42742.49809	4970.968262	4460.880859	33.075684
42780.88672	5005.140825	4470.58252	33.054199
42809.48047	4968.54541	4455.700684	33.04834
42847.28853	4998.527832	4411.021484	33.045898
42877.375	4968.148826	4419.674316	33.027344
42914.91016	5002.95166	4419.684551	33.0825
42943.78516	4970.513184	4410.118184	33.038621
42982.51563	4997.403809	4394.778609	33.000877

43011.33984	4972.103027	4411.549805	33.054687
43049.76953	5003.437012	4401.411133	33.049805
43079.47856	4971.920898	4407.26418	33.016802
43117.70313	4998.673242	4422.778297	33.01123
43147.14844	4973.087891	4434.308594	33.087383
43184.91016	5002.756836	4463.864258	33.04834
43214.64844	4970.430884	4448.313477	33.044434
43253.07031	4997.828418	4481.713887	33.048828
43282.28953	4970.358445	4488.843282	33.020508
43320.375	5003.353516	4473.183105	33.037598
43349.96484	4971.432129	4487.278809	33.068408
43387.48828	4996.280782	4481.285845	33.055684
43418.62108	4989.438035	4442.001953	33.049805
43455.38328	5004.939841	4412.007812	33.052248
43484.55859	4971.319824	4411.201172	33.021484
43523.03908	4997.563965	4389.024414	33.041504
43552.30078	4969.70752	4406.886484	33.038086
43591.28583	5003.350098	4399.491152	33.03418
43620.71484	4988.143555	4380.183594	33.055178
43658.62891	4999.243852	4427.55127	33.032227
43688.19531	4971.061523	4408.197268	33.033691
43728.48875	5001.800588	4428.158203	33.063477
43755.98828	4972.001485	4422.828883	33.09375
43794.53125	4997.568359	4435.885742	33.074219
43823.78908	4971.450195	4419.511719	32.998094
43862.23828	5001.737385	4429.220215	33.027892
43891.05869	4989.824707	4439.881348	33.088426
43929.51963	4998.8125	4414.492576	33.057617
43968.826	4971.375488	4413.187988	33.038621
43996.19822	5004.088379	4435.173828	33.052248
44026.11328	4988.998535	4449.282227	33.033203
44062.85547	4999.808152	4412.696289	33.057617
44092.82891	4989.577637	4418.684082	33.046387
44130.39844	5004.847168	4429.620608	33.050293
44169.85158	4970.893301	4421.069336	33.004883
44198.44531	4998.402344	4400.428223	33.005371
44228.06594	4970.921387	4405.025879	33.025381
44288.08641	5003.188523	4419.818848	33.05127
44295.53906	4971.212891	4386.620605	33.038574
44333.46875	4986.558082	4418.257812	33.037109
44363.03516	4989.525391	4405.822754	33.037109
44400.01953	5002.74707	4384.90332	33.010254
44429.82813	4970.016802	4396.684082	33.037698
44467.10156	4997.729482	4407.464355	33.012207
44496.28516	4970.101074	4438.987773	33.031738
44533.57031	5002.875977	4422.258348	33.019531
44562.84975	4989.021973	4458.351582	33.015137
44601.04688	4997.794922	4435.503806	33.081543
44631.13872	4971.643555	4450.157227	33.085449
44669.28516	5001.81084	4457.788086	33.055176
44698.42578	4989.788551	4438.112783	33.045898
44738.38328	4988.521973	4429.054199	33.03125

44786.12891	4988.581543	4424.687012	33.040527
44803.44922	5005.175781	4440.208008	33.07959
44833.39453	4971.830178	4458.871875	33.025879
44871.09375	4988.01123	4427.455078	33.006838
44900.52344	4989.476074	4440.413088	33.063477
44938.75	5003.702148	4432.585449	33.040527
44968.39453	4969.060547	4433.849902	33.051758
45005.30489	4998.578172	4447.350825	33.03125
45035.09908	4988.621094	4413.777344	33.055178
45072.64844	5001.740723	4385.574707	33.057129
45102.26583	4988.487305	4408.354492	33.05127
45140.04888	5000.259766	4409.864258	33.039551
45170.25	4988.644043	4408.598121	33.019531
45208.24609	5001.788555	4379.048387	33.040039
45237.83884	4988.762895	4382.42334	33.059082
45278.86328	4998.778367	4416.103516	33.035645
45308.70313	4988.889141	4484.130859	33.021484
45345.17869	5002.268602	4414.503908	33.058152
45374.37109	4970.242676	4455.251485	33.081523
45412.03908	4988.874512	4473.904297	33.087871
45440.71484	4989.739258	4428.760742	33.039651
45478.12109	5002.758788	4430.893359	33.055664
45508.82613	4988.83252	4418.73584	33.04248
45548.5	4997.877441	4392.923828	33.041504
45578.18408	4970.092773	4422	33.08543
45614.14083	5002.55957	4429.310059	33.03418
45643.58594	4988.341309	4430.564453	33.05127
45682.03908	4998.009788	4437.880176	33.04248
45711.53125	4970.607812	4431.461914	33.046387
45749.14844	5001.803711	4438.216309	33.05127
45778.75	4988.115234	4411.218262	33.040527
45818.55078	5000.099609	4423.184062	33.018531
45845.19141	4988.980449	4389.188018	33.043945
45882.54688	5003.773828	4384.815234	33.079102
45912.23047	4971.108934	4396.880864	33.058105
45951.00391	4997.030273	4385.322268	33.036133
45980.71084	4970.830078	4425.452637	33.04541
46019.32813	5005.17334	4449.337891	33.024902
46048.37891	4970.744829	4426.949219	33.044922
46086.04688	4997.243164	4436.758789	33.033691
46115.80547	4988.818945	4487.427734	33.018066
46154.51172	5001.705586	4480.874023	33.040527
46183.73828	4988.65625	4485.208473	33.090332
46222.16406	4998.250488	4442.518555	33.123535
46252.11328	4989.760254	4439.15625	33.157227
46289.08594	5002.417989	4417.84502	33.198242
46317.82678	4988.188036	4438.188941	33.045888
46355.26172	4998.390137	4420.881621	33.035645
46384.42188	4967.96582	4427.032227	33.063985
46422.62109	5002.152832	4401.708473	33.052734
46451.83594	4989.529297	4414.148926	33.047369
46490.07813	4988.032715	4444.76123	33.075684

46519.11328	4970.334473	4424.226562	33.030273
46557.19531	5002.551758	4434.703813	33.006806
46588.58594	4969.336914	4435.145508	33.068359
46624.95313	4998.94873	4439.589355	32.981934
46654.73438	4970.171387	4460.311523	32.984375
46693.10547	5003.342285	4442.648926	33.017578
46721.94141	4970.892578	4440.422363	33.04541
46760.80547	4986.738291	4460.157227	33.040527
46790.35156	4969.11084	4437.391113	33.038068
46829.09375	5001.950195	4447.248535	33.062012
46859.08964	4989.967793	4424.87207	33.021484
46898.14083	4998.617678	4422.289062	33.038574
46927.27344	4987.643066	4443.22168	33.02002
46965.35938	5002.147461	4456.822286	33.01123
46994.94531	4971.264648	4428.379385	33.031738
47032.88328	4997.209961	4423.633789	33.041992
47061.48047	4967.873047	4391.947754	33.029297
47089.99609	5001.917869	4413.78123	33.054189
47128.91406	4989.856055	4422.788574	33.02832
47166.38872	4985.879883	4393.354004	33.035645
47197.80938	4970.09668	4393.864268	33.054199
47238.39844	5003.010742	4393.959008	33.038574
47264.91616	4969.616211	4417.868945	33.077148
47302.80625	4997.550781	4402.961934	33.058105
47332.37109	4969.030273	4421.339844	33.061523
47371.09375	5003.07373	4414.135742	33.051758
47401.16406	4969.529785	4431.174805	33.050781
47439.94922	4995.589824	4438.427734	33.028809
47488.37109	4972.152832	4416.12793	33.043945
47506.67188	5000.041982	4453.48584	33.02832
47536.73828	4968.977051	4443.218262	33.029785
47574.14453	4985.87041	4458.335449	33.043467
47602.89531	4966.467285	4458.393068	33.020996
47640.04631	5000.872852	4444.241211	33.038574
47669.74809	4968.019043	4458.66748	33.033691
47707.42578	4995.321777	4406.507324	33.018113
47736.07031	4969.883594	4463.187988	33.042969
47773.48484	5002.26709	4434.833301	33.032227
47802.39453	4969.8125	4454.575684	33.065918
47840.44531	4996.714355	4404.822754	32.989746
47869.92969	4967.852832	4437.827837	33.063985
47908.85625	4999.986328	4415.343262	33.069336
47938.29688	4968.459961	4434.578125	33.041982
47976.58984	4995.148926	4420.04541	33.013872
48005.77344	4968.529785	4451.172363	33.000488
48044.79888	5002.449707	4433.514848	33.028297
48074.5	4969.018802	4441.096191	33.038574
48112.53516	4998.620117	4448.448242	33.043945
48142.59375	4969.231934	4447.740234	33.032715
48180.35547	5000.252441	4414.333984	33.070312
48209.31641	4967.728074	4403.889629	33.039551
48247.28906	4997.831055	4436.582285	33.05957

48277.15625	4988.982891	4415.255859	33.035156
48315.51172	5004.482402	4433.821873	33.019043
48344.83672	4970.387685	4421.083984	33.024414
48382.48609	4997.748047	4416.145896	33.053223
48411.42578	4969.17041	4402.018531	33.032715
48448.62891	5001.331055	4409.328613	33.037586
48478.44922	4968.468252	4410.729004	33.02002
48516.23828	4986.357422	4421.857227	33.016113
48545.35156	4988.200684	4425.755859	33.052734
48583.375	5003.088145	4418.301758	33.024902
48612.19531	4969.76123	4417.268068	33.04541
48649.875	4997.01123	4394.251465	33.035645
48679.31641	4988.132812	4405.758789	33.184082
48718.25	5002.281738	4434.723633	33.058841
48747.47858	4969.236816	4428.728518	33.042969
48786.48438	4996.955566	4407.545898	33.041504
48816.92188	4989.316406	4424.206543	33.039082
48854.46094	5000.874805	4422.40332	33.037588
48883.97656	4988.976516	4410.58543	33.024414
48821.94531	4996.60791	4406.380625	33.072266
48852.05469	4869.88623	4410.829102	33.080566
48890.80489	5001.716309	4383.060059	33.033203
49020.22656	4989.322754	4374.053223	33.021484
49056.97656	4996.914551	4431.575185	33.041016
49087.07813	4970.754395	4431.033203	33.046387
49124.89822	5002.593203	4428.609375	33.046387
49155.19822	4988.989023	4398.070312	33.034668
49191.88672	4996.808863	4408.85918	33.031738
49221.35547	4969.804297	4427.757812	33.012207
49259.37891	5002.981445	4407.896484	33.032715
49288.94531	4887.448242	4398.810352	33.012207
49327.16016	4999.007812	4390.19043	33.054189
49357.12109	4969.046875	4382.016602	33.047363
49394.97858	5001.840137	4431.892383	33.046387
49424.07422	4969.682285	4442.818888	33.039551
49461.21875	4999.019672	4448.885117	33.016602
49490.875	4969.62793	4410.387187	33.007324
49528.23047	5002.447754	4422.236816	33.075884
49557.94141	4988.823242	4436.027832	33.052734
49595.87108	4998.981934	4419.000977	33.082012
49625.25	4989.884748	4435.188477	33.038133
49662.98828	5003.435059	4428.45186	33.047852
49692.71094	4988.558082	4431.822559	33.052734
49731.10156	5000.57866	4425.671288	33.020508
49780.07813	4971.86748	4422.825195	33.007324
49798.23047	5001.821875	4440.755859	33.094727
49827.41016	4970.744629	4425.638672	32.998094
49865.83872	4997.214844	4428.317383	33.028387
49894.83984	4971.405782	4417.975588	33.027832
49932.42969	5003.958008	4438.285845	33.052246
49961.35547	4970.885449	4438.23877	33.060547
49998.51583	4988.265825	4454.04541	33.020896

50027.68141	4970.067383	4433.307129	33.02832
50068.13872	5006.177734	4402.188035	33.029785
50086.47858	4972.370605	4412.253418	33.053223
50134.03806	4984.831543	4415.227539	33.027344
50163.46084	4968.814082	4428.885352	33.041504
50200.88328	5000.905762	4458.762207	33.080059
50230.38844	4988.543945	4427.564941	33.018113
50269.32813	4988.214355	4448.488238	33.032715
50299.35156	4988.818408	4451.908203	33.060547
50337.58841	5000.558882	4445.880137	33.006348
50387.37109	4987.548806	4438.277832	33.008838
50405.58841	4998.118659	4438.423828	33.02832
50434.826	4988.002441	4425.449707	33.034688
50472.01853	4999.827441	4414.041982	33.051529
50501.47858	4970.048888	4461.588833	33.038133
50539.87578	4993.319824	4443.33252	33.030273
50588.02344	4988.778785	4437.78418	33.054190
50608.44141	5001.233398	4408.449218	33.033691
50635.91018	4971.140137	4409.083008	33.022949
50673.12881	4988.518113	4422.534888	33.069824
50702.83884	4987.52002	4427.395898	33.035645
50741.35166	4988.385254	4425.818359	33.002441
50770.42969	4987.325185	4428.314453	33.035156
50808.31841	4988.550283	4460.257812	33.010742
50837.82813	5038.854102	4437.803518	33.018066
50875.78853	5002.188457	4411.812793	33.038133
50904.19672	4970.328172	4387.812109	32.98877
50941.73438	4987.182129	4392.815818	33.045888
50970.73438	4987.878562	4377.388211	33.044434
51009.08841	5004.881348	4414.855782	33.037109
51038.35838	4968.105469	4411.416018	33.055178
51075.88084	4998.382578	4401.754395	33.062888
51105.07422	4968.058105	4425.880371	33.046387
51142.87109	4998.658738	4385.474809	33.088359
51171.88828	4987.581523	4404.118852	33.009277
51210.79888	4998.890825	4389.819824	33.017578
51239.88844	4970.888477	4397.628906	33.051758
51279.21875	5002.057617	4438.030762	33.062888
51308.28518	4987.937988	4417.871094	33.04248
51347.08391	4998.184824	4404.418504	33.020996
51376.19531	4988.888282	4410.253418	33.012685
51414.18359	5001.432129	4392.145896	33.024414
51443.08375	4970.481834	4386.538574	33.034688
51481.13872	4997.388828	4399.802051	33.077148
51510.23047	4988.368899	4421.848833	33.064453
51549.44531	5003.070801	4388.905273	33.038821
51578.98828	4988.947754	4410.22188	33.055884
51618.51953	4997.540527	4404.141113	33.070312
51645.84375	4989.537109	4452.032715	33.024802
51685.14083	5004.888652	4444.839848	33.02002
51715.03518	4989.950884	4383.109375	33.035166
51753.79888	4998.055884	4383.187288	33.038621

51783.33994	4968.810352	4377.16748	33.018565
51821.48875	5082.375488	4405.222658	33.083008
51850.85938	4969.149902	4418.263672	33.055176
51889.10158	4998.13623	4410.869629	32.994141
51918.11328	4988.285158	4429.998047	33.037598
61956.48047	5003.08543	4470.006348	33.051758
51985.65625	4968.514648	4418.196288	33.053711
52024.28906	4996.825283	4441.621094	33.07959
52053.51563	4971.144043	4449.697754	33.028367
52092.26953	5002.387885	4428.861133	33.016802
52122.88328	4970.049316	4410.763184	33.041018
52160.81641	4998.311035	4412.38916	33.026855
52190.76853	4969.268068	4445.859861	33.047852
52228.45313	5003.545898	4425.797363	33.053223
52257.71875	4970.120117	4430.892383	33.032227
52295.54888	4998.847188	4426.378418	33.008789
52324.85547	4970.888184	4436.14502	33.054887
52362.96484	5002.570801	4414.854482	33.050781
52392.85838	4968.429199	4408.28709	33.049318
52429.75391	4996.932817	4897.04248	33.043457
52459.42188	4989.844238	4432.734375	33.058594
52497.10838	5004.517578	4423.347856	33.057817
52526.42578	4970.985332	4405.203125	32.992187
52554.48828	4997.277832	4453.608388	33.081523
52593.57422	4968.94873	4450.712402	33.061523
52631.85156	5002.785645	4423.787588	33.057617
52660.78125	4968.814841	4423.536821	33.046387
52698.23828	4998.23877	4402.07373	33.048316
52728.05859	4988.971191	4395.928687	33.056841
52765.89453	5002.890825	4414.36377	33.044434
52794.87989	4970.932129	4441.844238	33.020508
52833.10838	4897.020608	4399.414551	33.029287
52862.39844	4988.894531	4418.459473	33.048826
52900.56841	5002.559082	4396.256836	33.035845
52929.83672	4970.918945	4403.148926	33.050283
52968.48484	4897.674805	4425.177246	33.082888
52998.00391	4968.147461	4387.771973	33.038574
53036.87188	5003.889746	4408.03418	33.038574
53065.42869	4968.428758	4398.102539	33.058594
53104.33984	4998.743652	4388.824805	33.065818
53133.75391	4969.254883	4385.03125	33.002441
53171.11328	5002.993652	4393.049805	33.011719
53200.45313	4970.896973	4397.069336	33.037598
53239.13872	4988.358887	4377.368211	33.058105
53268.51172	4972.388852	4390.087858	33.05127
53307.84375	5002.665527	4412.804482	32.997558
53337.57031	4970.772461	4414.530762	33.052246
53375.02344	4998.75	4430.345215	33.060069
53404.25391	4971.251953	4425.757324	33.044434
53442.83594	4897.920898	4427.415527	33.013872
53471.86484	4970.864746	4402.694824	33.037598
53510.21875	4998.832031	4453.695801	33.038551



53539.40625	4970.110352	4394.539551	33.028367
53577.58984	5003.141602	4412.702837	33.061035
53607.89453	4971.750977	4415.44873	33.04834
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53675.96328	4970.541504	4431.028367	33.038621
53713.71094	5004.845312	4436.500488	33.06543
53743.32031	4968.788133	4445.218867	33.038088
53781.48484	4999.547652	4428.321777	33.055664
53811.23438	4989.705078	4411.843358	33.041982
53848.75391	5002.006836	4437.848437	33.048828
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53918.28888	4989.418945	4402.255858	33.015137
53948.01172	4971.339844	4437.438523	33.054687
53986.05078	5003.746582	4414.580547	33.022461
54015.82031	4968.852051	4410.988281	33.010742
54064.98484	4998.235352	4416.241211	33.032227
54083.93359	4967.679102	4392.228582	33.006301
54122.39844	5002.575684	4371.555176	33.047383
54162.30489	4989.378418	4388.816848	33.044434
54191.10938	5002.085837	4384.581787	33.047852
54220.08584	4970.814941	4380.955078	33.008838
54257.94141	5002.51418	4403.387481	33.029785
54287.46484	4969.04248	4408.858375	33.065176
54325.05489	4998.787598	4422.120805	33.052734
54364.48875	4970.858486	4437.382305	33.029785
54391.89844	5004.871084	4435.211426	33.050781
54421.28516	4970.285825	4413.888184	33.045898
54458.98047	4998.158691	4401.44873	33.028367
54489.13672	4969.877246	4419.08375	33.028287
54527.52344	5002.743184	4428.157227	33.018088
54558.55078	4970.568406	4415.125488	33.075884
54584.89609	4997.054887	4411.084941	33.04248
54624.32813	4969.409688	4446.024414	33.087871
54663.03516	5002.819336	4417.260254	33.004385
54692.85156	4968.900679	4441.212891	32.99707
54731.12109	5000.220703	4390.080566	33.062246
54760.86094	4969.381348	4377.300781	33.018631
54789.42188	5000.88823	4387.737305	33.068594
54827.78125	4969.428758	4385.833789	33.022949
54865.96875	4999	4391.402344	33.054189
54895.42188	4970.724608	4390.632812	33.024414
54932.80859	5001.572754	4373.47168	33.071289
54962.375	4970.770898	4379.091308	33.050781
55000.82109	4999.103027	4412.245805	33.02832
55030.05839	4989.552344	4412.787598	33.028855
55068.21875	5004.417969	4405.578172	33.064687
55097.05078	4971.889829	4398.338426	33.053711
55136.19531	4989.614258	4414.280527	33.028809
55164.64063	4971.290527	4426.029785	33.02832
55202.85547	5003.13623	4384.62789	33.070312
55232.66408	4969.472168	4387.133301	33.03125
55270.86328	4998.416504	4363.237793	33.033203

55300.89922	4969.777344	4394.358398	33.010742
55338.98438	5002.788802	4404.087891	33.013184
55368.83072	4871.294434	4422.04834	33.039551
55408.60156	6000.822852	4418.98707	33.061523
55438.71484	4871.621094	4414.772461	33.032715
55474.21094	5004.10791	4407.489746	33.04541
55503.18018	4970.945312	4395.000488	33.048875
55542.17188	4997.128418	4421.020508	33.034868
55571.58594	4969.57888	4406.872856	33.047383
55608.83884	5005.526855	4423.877051	33.088336
55639.07813	4968.930884	4428.288574	33.04541
55678.87969	4999.164082	4395.57859	33.029287
55707.17578	4889.938035	4422.90332	33.05127
55744.88872	5001.155273	4379.884766	33.000488
55775.35547	4969.999023	4399.990234	33.021484
55813.33594	4997.785825	4402.08543	33.058152
55843.10158	4969.808594	4424.094727	33.037598
55882.73828	5001.433594	4426.096133	33.054199
55912.375	4969.083496	4418.028855	33.037598
55950.30078	4998.881113	4424.215332	33.023828
55980.32813	4989.877441	4430.773437	33.010742
56018.60166	5002.485352	4429.523437	33.021873
56047.82891	4969.878485	4431.930176	33.02002
56085.86328	4998.025391	4448.580586	33.053711
56114.98084	4968.770998	4463.85332	33.029785
56152.50381	5001.541016	4415.881821	33.032715
56181.42188	4970.711428	4418.105857	33.053711
56218.98047	4998.441895	4434.682129	32.896094
56248.24609	4968.73291	4409.319338	33.030273
56288.04888	5002.509768	4451.50283	33.001953
56315.21084	4970.429887	4415.648437	33.035645
56353.72656	4997.547363	4410.383789	33.063965
56382.59375	4970.894043	4410.785898	33.077637
56421.35838	6003.005858	4413.828906	33.067383
56451.05859	4968.867187	4445.502441	33.07668
56488.98828	4997.286133	4422.954102	33.041018
56518.17889	4971.81084	4422.118852	33.074707
56558.22858	5001.828806	4417.327837	33.023826
56588.30489	4970.119141	4410.008836	33.033203
56624.26563	4997.524902	4424.473633	33.037598
56658.48828	4968.813477	4411.108887	33.000488
56681.39453	5002.702148	4453.85498	33.042969
56720.42578	4969.457091	4420.408738	33.055176
56758.79888	4999.018555	4429.92334	33.074707
56787.93359	4970.89209	4424.554199	33.024414
56827.01172	5004.40818	4428.278867	33.032715
56855.80078	4970.482422	4428.381816	32.989512
56893.31841	4998.236328	4434.188777	33.04248
56922.50391	4970.536133	4403.363281	33.009786
56961.42969	5000.76416	4392.790527	33.038574
56990.33594	4968.865723	4388.429189	33.021484
57029.375	4997.448219	4394.83623	33.082031

57058.58864	4868.625488	4422.404785	33.047852
57097.98438	5002.058105	4424.031738	33.052246
57126.75	4971.271973	4432.483887	33.040527
57164.68350	4989.083984	4432.896484	33.030273
57194.42188	4870.200684	4446.420898	33.025879
57232.32813	5001.787363	4397.584238	33.062012
57261.15825	4869.29834	4406.827441	33.038086
57298.35156	4887.315918	4402.831543	33.044822
57328.33594	4970.442383	4431.28418	33.032227
57366.55469	5002.570312	4419.914551	33.032227
57396.75	4969.356445	4392.666016	33.015137
57434.48047	4986.184082	4420.225098	33.073242
57482.83884	4968.380371	4408.003808	33.019043
57501.05859	5004.299316	4418.532227	33.043945
57530.19531	4970.877539	4360.742876	33.039082
57567.82813	4989.071777	4401.377441	33.041504
57586.94531	4869.98291	4419.15625	33.035845
57635.51172	4997.988818	4392.666504	33.040527
57664.60938	4970.179199	4418.599608	33.024902
57703.08884	4958.067383	4413.141802	33.054189
57732.67969	4870.802248	4432.429189	33.046888
57771.32031	5001.587856	4418.102051	33.009786
57800.90825	4870.57959	4438.104004	33.042969
57838.66406	4868.128418	4405.480957	33.022481
57868.19531	4871.488201	4407.837891	33.011719
57906.21094	5003.318359	4409.908668	33.021484
57934.87109	4871.338914	4413.391113	33.032227
57973.78583	4986.128908	4428.848437	33.008301
58002.05078	4868.335449	4399.525381	33.031738
58040.82109	5002.820801	4386.422363	33.008789
58069.96484	4971.709473	4372.185527	33.038086
58107.12891	4958.422852	4384.82207	33.028809
58137.42989	4871.13823	4408.589477	33.04248
58175.81328	5004.000488	4425.038086	33.002441
58204.10547	4989.635254	4390.724121	33.025391
58243.53906	4957.281992	4435.908891	33.051758
58273.21094	4969.889648	4430.151855	33.038821
58311.37891	5002.497559	4450.788691	33.031738
58341.10547	4969.738816	4415.191406	33.047852
58380.25391	4988.648926	4446.887461	33.055176
58408.83884	4968.896973	4445.887869	33.043945
58448.09375	5002.860158	4410.875586	33.03418
58477.41016	4970.443848	4382.779785	33.04834
58515.24809	4989.63918	4405.90332	33.056152
58544.48828	4971.821387	4430.013184	33.038574
58581.78583	5003.500488	4436.048875	33.053711
58610.12891	4971.384768	4412.744141	33.022461
58649.13672	4997.862305	4398.397402	33.074707
58679.53906	4969.880371	4420.410645	33.029297
58717.65825	5002.775391	4401.12793	33.037598
58746.83359	4869.197268	4401.477539	33.012207
58785.51853	4887.802734	4416.487789	33.074219

58813.84375	4971.964844	4441.359375	33.041992
58852.375	5004.07959	4401.847188	33.041504
58882.74809	4969.165039	4459.653809	33.062012
58820.60547	4998.598633	4432.822754	33.050781
58949.87188	4969.116889	4438.050781	32.985117
58988.21094	5006.058152	4443.824707	33.062988
59018.14844	4988.344727	4425.59082	33.050293
59055.60547	4998.278809	4414.163088	33.026367
59085.10547	4970.463867	4425.404785	33.048318
59123.24609	5001.876908	4394.708961	33.061035
59152.14463	4970.32959	4434.435059	33.04248
59190.62891	4997.931152	4462.349609	33.031738
59220.71875	4988.687988	4418.130859	33.014648
59259.38672	5003.266113	4403.902832	33.050781
59288.78963	4970.553223	4438.800293	33.040527
59328.37891	4988.281018	4427.847666	33.048318
59357.82422	4969.030273	4389.237793	33.04834
59395.47858	5003.888746	4431.370117	33.044434
59425.45313	4969.730489	4414.089809	33.03418
59464.03518	4998.203125	4463.807617	33.048628
59493.40825	4971.129883	4462.542969	33.031738
59531.28908	5003.478027	4407.345703	33.027832
59561.23047	4969.159688	4413.743164	33.053711
59599.20313	5002	4395.462837	33.046888
59628.44531	5039.046387	4402.985332	33.023437
59688.40825	5003.6875	4400.256838	33.041992
59694.96828	4971.148414	4396.491899	33.058105
59732.92578	4998.007324	4406.887878	33.054199
59763.89141	4971.855782	4388.508348	33.049805
59801.38328	5003.122559	4381.578813	33.069824
59830.58594	4969.40825	4434.798875	33.036821
59868.46875	4998.828418	4442.404785	33.058152
59897.60156	4969.041992	4395.958066	33.012885
59935.88328	5001.070312	4422.54248	33.046387
59964.70313	4971.389829	4450.77832	33.068406
60003.91406	4998.400391	4446.198242	33.088848
60033.91016	4971.138184	4419.01709	33.020886
60072.78908	5004.333496	4436.959473	33.030762
60102.05078	4970.79834	4455.85498	33.029297
60140.5	5000.37207	4450.518113	33.048875
60170.14844	4969.858375	4440.599121	33.028809
60208.69141	5003.952402	4463.683088	33.053711
60237.96094	4972.185039	4424.121094	33.048316
60275.78125	4998.548316	4425.37793	33.057128
60305.42969	4969.877734	4445.241899	33.018066
60343.37109	5004.519531	4430.48582	33.064941
60372.60938	4969.763184	4431.578813	33.050781
60410.5	4999.115723	4426.723686	33.033203
60439.91406	4971.970703	4417.554887	33.043457
60477.05078	5004.5825	4418.180176	33.043457
60506.60156	4971.70459	4431.408891	33.035156
60543.59375	4998.374023	4433.241899	33.051758

60573.32031	4970.592773	4387.451172	33.006348
60611.10938	5003.791016	4426.581055	33.078801
60640.80078	4969.981445	4404.890723	33.05957
60679.21484	4997.016602	4432.597856	33.081523
60709.51172	4970.95166	4407.788086	33.07888
60747.92989	5002.230489	4441.287363	33.041982
60777.10938	4970.106445	4443.577837	33.049318
60815.05489	4999.634766	4428.787363	33.040039
60844.80859	4971.895508	4412.38209	33.058105
60882.20313	5001.570312	4410.250488	33.030762
60910.98009	4969.73291	4408.165738	33.026387
60948.25391	4998.057129	4408.524902	33.082031
60977.73047	4968.767578	4406.933105	33.043945
61016.35838	5002.099121	4414.738818	33.007812
61045.76172	4969.38916	4407.182129	33.041504
61084.09375	4997.604004	4427.462402	33.078613
61112.89453	4970.733887	4426.031738	33.020508
61150.80078	5004.500977	4419.852051	33.019531
61180.76583	4971.210937	4418.375488	33.027832
61218.44531	4999.054199	4341.884375	33.039982
61247.87109	4999.990723	4384.805176	33.055176
61286.88141	5002.372559	4382.712891	33.067383
61318.71484	4972.596191	4407.819336	33.027832
61354.58594	4998.963887	4409.234883	33.069824
61384.17989	4970.481914	4409.183105	33.081055
61421.98484	5005.589544	4430.998047	33.021484
61451.41018	4970.388719	4369.095215	33.056841
61489.77344	5000.518088	4385.90332	33.04541
61519.07031	4971.007812	4397.433594	33.015825
61557.78906	5004.338914	4415.250488	33.011719
61587.42989	4972.128953	4417.241889	33.043845
61626.35547	4999.84502	4419.141602	33.074219
61655.28438	4970.965332	4404.510254	33.071289
61694.21094	5003.679687	4420.152344	33.07888
61724.40625	4970.651367	4405.175781	33.050781
61762.71094	5000.963867	4397.561035	33.020508
61792.44531	4973.86377	4401.218262	33.040527
61831.30859	5004.382812	4424.07969	33.037109
61880.84083	4972.112793	4395.28125	33.015137
61899.08375	4999.733887	4415.817383	33.064941
61928.35938	4968.342285	4412.482187	33.052734
61955.64453	5002.50293	4379	33.052734
61995.70313	4972.759277	4376.936523	33.018555
62034.28172	4997.670898	4422.578125	33.007812
62083.48094	4971.046875	4422.748047	33.032715
62101.88328	5003.400391	4419.849902	33.081035
62130.89063	4970.833008	4423.202969	33.068694
62169.13672	4999.578613	4426.90332	33.018555
62198.79688	4970.126455	4401.191895	33.046875
62237.90825	5001.810352	4428.362793	33.033203
62258.39083	4970.761719	4404.565176	33.026387
62305.64688	4969.241211	4405.081523	33.057129

62334.29988	4971.436523	3380.940918	33.007324
62373.45313	5003.740723	1411.228027	33.02832
62403.09375	4970.646873	1387.773928	33.069824
62440.82422	4998.793457	1404.880859	33.012207
62470.71484	4970.815723	1380.395508	33.042969
62509.64453	5002.907227	1416.202637	33.036133
62539.81328	4971.812793	1407.828758	33.048828
62578.63672	4998.665039	1410.980449	33.068895
62607.62891	4972.793945	1382.980469	32.996582
62645.68922	4999.168457	1411.254385	33.045898
62674.87891	4971.455566	1419.394043	33.026367
62712.53516	5000.0625	1428.680645	33.033203
62742.21484	4998.699219	1452.088379	33.024902
62780.44922	5004.821777	1445.05127	33.049805
62810.43358	4970.584981	1445.104004	33.03125
62848.70313	5000.658203	1433.200195	33.071777
62878.14063	4971.567871	1442.541992	32.996582
62917.32031	5003.097656	1427.040527	33.079102
62948.84453	4971.871094	1428.570801	33.050781
62984.79898	5001.062988	1429.87793	33.01416
63014.93359	4971.182383	1420.860352	33.049316
63052.80859	5005.062988	1437.735352	33.045898
63081.82891	4970.305684	1411.189434	33.031738
63120.08984	4999.208496	1459.358445	33.024414
63150.05889	4970.007812	1437.069336	33.046875
63188.48875	5004.430684	1418.861816	33.036133
63218.03516	4969.268056	1447.188036	33.061623
63256.87188	4999.750488	1442.923828	33.044922
63288.37109	4970.224121	1414.850586	33.030782
63324.70913	5002.10498	1409.881838	33.067871
63354.24809	4969.88916	1404.288086	33.087393
63393.21875	4997.84502	1400.809375	33.037598
63422.28906	4970.899926	1415.740234	33.045898
63460.44922	5004.724121	14404.51709	33.038086
63489.70313	4969.512695	1383.703125	33.04834
63528.375	4998.47188	1398.830878	33.021484
63557.79888	4970.873047	1412.988816	33.040039
63598.10156	5004.080586	1402.841309	33.052248
63625.94922	4970.047363	1408.896582	33.044434
63664.98875	4999.458984	1401.947754	33.068359
63695.42188	4970.839044	14414.57866	33.018043
63733.35156	6001.828223	14445.88377	33.056841
63762.75391	4970.507324	1454.051036	33.015137
63801.10156	4997.103027	1451.324707	33.018802
63830.14453	4970.863088	1418.875088	33.024902
63868.75391	5002.358887	1411.893655	33.053223
63898.60938	4970.877539	1425.890137	33.070801
63937.62109	4997.883301	1487.641113	33.038086
63967.68408	4971.599609	1458.068896	33.015625
64006.30859	5002.344727	1435.284888	33.031738
64038.10547	4971.364492	1489.989748	33.047363
64074.91016	4998.844238	1439.421387	33.055176

64104.67578	4971.399414	4447.929887	32.980489
64141.89844	5003.547383	4432.752441	33.030273
64171.39063	4969.640825	4439.855469	33.014648
64209.80469	4998.88916	4469.594238	33.040527
64240.08984	4970.394043	4437.489258	33.044922
64277.52344	5004.34888	4422.547383	33.011719
64307.56641	4971.882812	4467.422383	33.058152
64345.94141	5002.810547	4475.641113	33.042989
64375.26172	4970.390137	4437.938523	33.067383
64413.15625	4997.348833	4434.88584	33.025879
64443.80547	4971.824707	4417.013672	32.989748
64481.84375	4998.711914	4435.51418	33.163574
64511.04688	4970.813281	4421.993652	32.997559
64549.83594	5004.213379	4424.70752	33.013184
64579.51172	4972.391602	4420.71682	32.989748
64617.73828	5000.320312	4428.626485	33.076172
64648.88872	4970.354492	4406.313477	33.028809
64685.17989	5006.377441	4416.835449	32.996094
64713.73438	4971.016802	4400.882793	33.088848
64752.98828	4999.249512	4434.046875	33.036133
64783.28518	4971.930864	4431.916016	33.020996
64821.25	5002.75	4441.602051	33.041016
64850.41816	4971.555884	4458.412109	33.039551
64889.06078	5000.787598	4406.994141	33.088359
64918.875	4971.427246	4453.229004	33.035158
64957.33984	5005.544822	4446.981445	33.034868
64988.91408	4971.80127	4431.278367	33.040527
65024.73047	5000.349121	4437.88823	33.053711
65054.18531	4971.911821	4427.812012	33.033891
65082.55469	5005.080547	4447.046875	33.054199
65121.80859	4971.971582	4430.78123	33.073242
65159.78953	4999.472856	4489.799316	33.070801
65199.80158	4971.189965	4442.315818	33.046387
65228.78953	5004.499512	4450.928223	33.081523
65258.73828	4971.382812	4433.316406	33.032715
65298.98094	4999.882324	4475.789062	33.04541
65328.47858	4971.539551	4451.322754	33.020996
65364.83872	5007.496094	4484.627441	33.07373
65394.44141	4974.509786	4485.26709	33.002441
65433.58841	4997.910158	4419.88502	33.074707
65463.35156	4999.695312	4433.90332	33.043945
65500.78953	4999.83252	4404.317871	33.07959
65530.78908	4971.139648	4425.881348	33.011719
65569.01583	4999.248535	4440.719727	33.048875
65598.92188	4971.852832	4450.44043	33.044922
65636.88719	5002.652832	4458.419434	33.044434
65667.09375	4971.577637	4457.877441	33.086914
65705.75781	4999.477539	4402.986094	33.001465
65734.78125	4971.905273	4429.359375	33.037588
65773.05469	5003.363281	4403.57959	33.023437
65802.21875	4973.04541	4427.303223	33.046387
65840.95313	4999.75293	4427.738328	33.047852

65870.71875	4970.346191	4443.265625	33.082031
65908.92188	5004.083008	4436.263891	33.019043
65938.58594	4971.869141	4415.594238	33.037109
65977.10156	4999.459473	4427.380859	33.078172
66006.84375	4970.845312	4417.844043	33.03125
66046.54688	5005.063477	4388.844531	33.042989
66076.01563	4971.823535	4384.93457	33.028855
66114.54688	4999.929687	4374.578125	33.049805
66143.52344	4972.415039	4362.820117	32.985352
66181.52344	5003.891669	4445.863574	33.037109
66211.84063	4971.268066	4419.890825	33.037598
66250.03125	4999.509277	4462.087402	33.037109
66278.75781	4971.730957	4452.438965	33.041016
66318.04688	5004.078172	4409.585937	33.097188
66347.76781	4999.333984	4429.515825	33.050293
66386.90825	4997.233887	4406.409888	33.056152
66415.3125	4971.236328	4406.363281	33.019043
66454.21875	5003.490234	4402.744828	33.055178
66482.96875	4970.916504	4423.554687	33.035156
66522.35156	4997.405762	4388.708884	33.081758
66552.95313	4970.717285	4403.812012	33.01709
66591.14844	5003.228027	4425.08375	33.027344
66621.47856	4970.398379	4428.777344	33.059082
66660.22856	4998.212831	4405.388719	33.019043
66689.15625	4971.128465	4409.512696	33.010742
66728.10938	5004.608887	4416.139548	33.014648
66757.39063	4999.088895	4408.11064	33.029785
66796.10156	4995.398873	4413.868922	33.060547
66825.26908	4970.649902	4405.811523	33.022949
66863.86844	5003.265625	4402.87207	33.043845
66893.75781	4970.418992	4413.67827	33.049805
66931.59375	4998.716797	4421.278908	33.041016
66961.96875	4998.951172	4439.543457	33.019531
67000.21084	5002.714355	4431.242187	33.018602
67028.33594	4970.845801	4418.580059	33.039082
67067.17188	4998.068408	4444.517578	33.040039
67096.5	4999.37793	4434.902344	33.032227
67135.35156	5003.331055	4416.308594	33.045896
67165.47656	4999.123047	4444.522949	33.030762
67204.13281	4997.025391	4411.459961	33.028367
67233.81719	4971.09688	4450.625	33.029297
67271.99219	5003.297852	4460.566406	33.024902
67302.03906	4970.33252	4475.308105	33.003906
67339.92188	4999.235352	4463.373047	33.074707
67389.84063	4998.575684	4450.53125	33.006348
67408.04688	5002.878418	4441.421875	33.061523
67437.4375	4970.283891	4479.874512	33.021484
67475.01563	4997.254395	4482.520996	33.041016
67504.80489	4970.827148	4502.148973	33.043945
67542.81406	5003.313965	4470.208496	33.050781
67572.33594	4999.706055	4461.831348	33.020996
67611.125	4998.068914	4418.239258	33.051758



67641.14844	4968.786086	4434.706055	33.02832
67879.25781	5002.218282	4433.408738	33.011719
67709.38844	4970.249023	4378.630859	33.037109
67747.67188	5000.59668	4382.025391	33.050293
67778.03125	4971.058841	4387.008789	33.027344
67816.77344	5003.530762	4410.28125	33.05127
67845.96875	4968.943359	4424.532715	33.063477
67884.70313	4986.694824	4401.734375	33.029785
67913.73438	4971.645996	4379.018043	33.055176
67951.9375	6002.845898	4418.79541	33.049805
67982.6875	4972.077148	4425.038086	33.077637
68021.50781	4997.44043	4439.076172	33.022461
68050.86719	4987.480957	4421.786113	33.067871
68089.875	5001.973145	4425.152344	33.027832
68119.03125	4988.368184	4404.927734	33.041992
68157.24219	4997.262207	4390.395508	33.067871
68186.54688	4969.485332	4368.235352	33.035845
68224.67869	5001.108887	4380.78709	33.022949
68254.84844	4988.045888	4382.012885	33.063965
68293.41408	4986.225586	4431.750877	33.054687
68323.71875	4969.306641	4410.220703	33.033691
68361.32031	5001.751465	4422.479004	33.029785
68390.48219	4988.043845	4429.819338	33.048318
68428.89844	4988.541504	4440.065918	33.053223
68458.19531	4988.164551	4430.973145	33.04541
68497.1875	5001.357422	4398.439453	33.053223
68527.04688	4988.903888	4398.96291	33.027832
68585.08375	4997.836428	4435.884277	33.024802
68594.50781	4970.23584	4429.471181	33.06543
68633.97656	5002.050781	4438.105489	33.022949
68664.08584	4970.875781	4435.538088	33.007324
68703.18531	4986.588379	4427.114258	33.021973
68733.32031	4969.9375	4414.461914	33.04541
68772.10938	5001.394043	4424.425293	33.020508
68801.85625	4988.425283	4433.50283	33.052734
68840.39063	4986.642578	4419.98584	33.041892
68869.49219	4988.222168	4435.455078	33.067402
68907.73438	5002.385742	4427.432129	33.050293
68937.03125	4971.031788	4409.125977	33.03125
68975.39063	4988.831543	4384.747559	33.039551
69004.87188	4988.390078	4426.905273	33.044822
69043.85156	5003.415039	4384.527344	33.068848
69073.35158	4988.713887	4449.887305	32.995117
69111.48219	4986.930664	4431.938523	33.053223
69141.70313	4971.202148	4410.222656	33.038574
69179.89844	5002.610352	4438.238328	33.031738
69209.5825	4970.27002	4420.087402	33.035645
69247.35158	4985.840332	4411.478457	33.091308
69276.95313	4970.01123	4443.323242	33.005871
69315.51563	5001.570312	4422.52002	33.047852
69345.38844	4973.281719	4422.123047	33.022461
69385.20313	4999.694824	4430.90332	33.063865

69414.72656	4969.271484	4470.032227	33.047852
69452.52344	5003.186035	4419.427734	33.036133
69482.20313	4971.439941	4406.293945	33.027344
69520.70313	4997.69043	4421.507324	33.01416
69550.11719	4971.154297	4417.960937	33.04248
69588.60936	5003.822754	4417.068848	33.054687
69617.53125	4968.384277	4420.543457	32.998582
69656.64063	4997.236328	4437.981934	33.038674
69686.1875	4971.519043	4438.388184	33.022461
69724.78125	5002.878711	4436.472856	33.061035
69753.77344	4970.321289	4404.668457	33.040527
69792.00781	4997.132812	4418.815527	33.042889
69822.03125	4968.943848	4416.780762	33.024414
69860.04888	5003.685527	4407.574219	33.054199
69890.21875	4969.230489	4398.577148	33.004395
69929.22856	5000.443359	4436.55127	33.023437
69959.10156	4971.032227	4424.397949	33.025391
69987.67031	5002.601074	4418.856006	33.043457
70027.61719	4969.691406	4428.501465	33.026855
70066.38281	4998.858887	4404.337402	33.067871
70095.25	4968.696289	4389.081055	33.070312
70133.70313	4999.369141	4387.203613	33.01416
70162.35938	4969.699219	4402.115234	33.04834
70201.96094	4996.679687	4394.989258	33.066406
70231.29688	4973.054199	4385.119829	33.04541
70269.8125	5003.824023	4422.223146	33.055664
70299.30489	4971.755371	4413.999512	33.028809
70338.08594	4998.991699	4406.429199	33.038621
70367.95313	4968.842285	4429.282227	33.024414
70406.02344	5008.983887	4400.58082	33.052246
70435.35156	4971.495605	4430.875098	33.064941
70473.70313	4998.743652	4402.676758	33.062988
70503.84375	4971.298828	4406.487305	33.023826
70542.07813	5002.45459	4391.28248	33.05127
70571.49219	4970.521973	4398.640825	33.043945
70609.82168	5001.418504	4419.34082	33.047363
70639.13261	4970.452837	4409.107422	33.045888
70677.84844	5002.958008	4391.17334	33.068406
70706.68531	4972.85752	4400.030762	33.060058
70745.3125	4998.214844	4446.085937	33.044922
70774.95313	4970.932617	4432.197754	33.053223
70814.10156	5003.246582	4447.241211	32.998582
70843.33584	4971.96876	4440.84375	33.033203
70882.02344	4997.57959	4436.809663	33.081543
70911.89063	4970.166992	4444.021973	32.998094
70950.1875	4996.960937	4430.650879	33.006836
70979.83281	4969.772949	4446.828613	33.053711
71019.17869	4999.748023	4445.713379	33.005371
71048.3125	4969.353027	4440.447754	33.076172
71086.53906	4998.461426	4407.399902	33.056641
71115.40625	4971.694336	4443.082285	33.038088
71153.375	5000.713379	4437.38918	33.079102

71183.14063	4871.253418	4416.211428	33.036133
71221.59375	5002.893068	4451.971191	33.011123
71251.28125	4872.111816	4430.316895	33.010254
71290.38281	4899.344238	4419.687988	33.079102
71319.80469	4970.789062	4425.278809	33.020896
71358.29688	4996.427734	4457.657715	33.034868
71388.45313	4970.487305	4436.949219	33.013672
71427.02344	4998.35498	4408.746582	33.057617
71457.4375	4868.710937	4392.188523	33.054199
71485.79688	5004.444824	4391.34082	33.027832
71524.39844	4972.513184	4416.686035	33.054199
71563.00781	4998.42334	4418.439941	33.028809
71592.42188	4970.71582	4420.393066	32.993164
71631.34375	5004.488281	4419.151387	33.036133
71661.36938	4971.35791	4439.729004	33.043457
71700.48875	5001.318848	4402.972168	33.036621
71730.08594	4970.891802	4415.788086	33.029785
71768.85158	4998.968309	4424.560547	33.025391
71798.25781	4871.889727	4447.45459	33.053223
71837.11719	4992.34375	4424.628906	33.026855
71866.71875	4971.863086	4452.574707	33.038574
71904.76583	4998.944398	4421.581055	33.037598
71934.32813	4971.712881	4423.523928	33.072286
71973.13281	4999.99707	4422.508301	33.029297
72002.11719	4971.143555	4423.983398	33.052246
72040.98094	5004.131348	4394.070801	33.038133
72070.28125	4970.73877	4445.449219	33.064941
72108.49219	4999.413574	4415.810547	33.038574
72138.0825	4970.341309	4413.626953	33.041016
72176.39844	5004.840137	4435.013872	33.033691
72206.15825	4971.338914	4458.863574	33.048828
72245.00781	4999.103516	4447.391113	33.042989
72274.61719	4972.037109	4424.945312	33.02002
72313.33584	5004.274414	4418.867187	33.061523
72343.09375	4971.527344	4390.380371	33.041504
72381.875	5001.113281	4388.63823	33.04834
72410.82031	4973.488857	4418.498535	33.060547
72449.0825	5000.34082	4475.977051	33.013184
72479.14844	4978.403809	4452.890723	33.08543
72516.57813	4992.792969	4460.231934	33.042989
72545.70313	4973.239746	4443.808594	33.011719
72584.11719	4998.581055	4428.294434	33.08543
72613.38719	4973.148484	4413.064453	33.041504
72651.69156	4893.580547	4410.824707	33.063477
72681.42188	4972.747659	4408.558641	33.058105
72719.25	5003.290039	4426.295888	33.038574
72749.02344	4972.907715	4398.001953	33.053223
72788.88719	4891.788086	4430.891113	33.072286
72816.53908	4970.463867	4436.03125	33.062012
72855.38719	5000.898242	4431.528655	33.055664
72885.03125	4973.042989	4462.537598	33.019531
72923.46875	5000.553223	4438.507324	33.062988

72952.74219	4971.45186	4439.657715	33.078125
72992.3125	5004.821288	4388.600088	33.025391
73022.36719	4973.987305	4402.237793	33.02002
73081.27344	5001.338844	4426.650879	33.048828
73091.91408	4971.679887	4452.356834	33.03125
73130.32813	5001.876758	4426.083884	33.048316
73159.23438	4974.827148	4389.888872	33.102538
73197.86219	4997.753418	4429.794434	33.060547
73227.24219	4971.271973	4421.842773	33.058841
73288.80938	5000.354004	4409.718262	33.008789
73295.17188	4972.412108	4424.475586	33.043945
73334.42188	4992.412598	4481.724121	33.054687
73363.91408	4971.577148	4437.059082	33.053711
73402.57031	5000.757812	4450.51416	33.038086
73431.58375	4972.788086	4459.443359	33.037588
73470.47658	4991.584941	4447.146484	33.058105
73498.9375	4971.744141	4431.318359	33.050781
73538.38281	5002.453125	4431.858883	33.047852
73587.58375	4971.642578	4420.220703	33.030782
73608.40625	5003.846191	4412.646484	33.01709
73635.5625	4973.208543	4449.788088	33.011719
73675.20313	5001.888852	4454.448777	33.008301
73705.10156	4975.1875	4480.171387	33.039082
73743.32813	4993.425293	4428.800293	33.058594
73772.67989	4973.280527	4473.187012	33.044922
73811.85168	4998.480448	4451.435547	33.068848
73841.09375	4973.254395	4438.279287	33.03418
73879.51583	4993.008301	4445.342285	33.019043
73908.57813	4974.251485	4437.480449	33.03125
73946.5825	5001.618164	4453.753418	33.041016
73976.67188	4972.486328	4408.523437	33.008789
74015.07813	4983.978492	4415.080078	33.028855
74043.71094	4972.089121	4408.091797	33.050293
74082.1875	5001.022848	4421.700684	33.056841
74112.13281	4971.32668	4411.789062	33.044922
74150.32813	4993.544434	4424.084961	32.991211
74179.58375	4973.457031	4411.39502	33.061035
74218.28125	5002.087402	4413.94873	33.033203
74247.16408	4974.182588	4435.337402	33.052246
74285.36719	4994.578813	4405.181133	33.088359
74314.91408	4971.832324	4428.828223	33.046387
74353.77344	5000.018555	4417.020998	33.045898
74382.89219	4975.042989	4443.400381	33.082031
74421.02344	4992.388852	4439.990234	33.055884
74450.44531	4972.441408	4420.646484	33.051758
74488.86719	5001.229492	4435.844043	33.049805
74518.80158	4974.131348	4488.941408	33.061035
74557.36719	4993.488281	4451.832812	33.043945
74587.07813	4973.252441	4437.804004	33.04248
74625.125	5001.105957	4428.738328	33.087402
74658.08594	4974.503418	4425.995605	33.088338
74694.54688	4993.031738	4394.749023	33.043457

74724.07813	4971.833984	4393.628418	33.058152
74783.9375	5000.531738	4413.755371	33.052246
74782.49219	4972.87793	4437.619141	33.02002
74830.8375	5001.76709	4430.605957	33.04248
74860.04688	4972.291992	4431.845215	32.992878
74898.53125	5001.846191	4431.586895	33.035845
74828.00781	4973.881348	4439.329102	33.017578
74988.73438	4993.008301	4411.606445	33.016602
74998.78888	4974.720703	4402.974121	33.058152
75035.00781	5003.148437	4428.489238	33.048875
75065.77844	4974.439453	4449.258348	33.048318
75104.50781	4994.831055	4455.037109	33.010742
75133.8125	4972.680178	4446.075884	33.074707
75172.09375	5001.995605	4474.381836	33.047363
75202.07813	4973.850391	4448.98682	33.031738
75240.98438	4992.857227	4458.914551	33.025879
75270.03125	4972.807422	4429.430664	33.027344
75308.49219	5001.889941	4484.562988	33.038133
75337.59375	4973.496094	4448.09082	33.04248
76375.95313	4996.478027	4412.049809	33.004395
75408.25781	4972.910156	4421.964863	33.035845
75444.8125	5003.104004	4435.370117	33.040039
75474.8125	4975.228027	4443.588359	33.048828
75513.8125	4996.344727	4417.672852	33.030273
75544.42188	4972.554189	4408.789062	33.0625
75582.83594	4998.592773	4420.442383	33.024414
75612.29688	4974.880664	4451.755859	32.981834
75651.22666	4993.988281	4404.06252	33.033203
75681.10938	4973.807617	4400.144531	32.974121
75718.88281	5001.297852	4437.871094	32.958961
75748.35156	4971.023437	4442.08252	33.038133
75786.58594	4994.280273	4428.237763	33.054199
75816.28125	4972.248535	4426.787578	33.018555
75856.07813	5003.38502	4401.984375	33.005859
75884.89844	4973.779297	4432.145508	33.049805
75824.10156	4993.700684	4430.54541	33.009766
75953.32813	4972.249023	4428.787588	33.050293
75993.04688	5000.720703	4438.858887	33.058584
76022.85156	4972.478004	4436.858863	33.021973
76061.88281	4995.008277	4426.808105	33.03125
76091.72856	4972.164082	4434.358863	33.070012
76130	5001.923828	4455.385723	33.032227
76160.14844	4973.642578	4437.48291	33.000486
76199.05488	4993.420898	4433.4375	33.039082
76229.27344	4973.087881	4440.210449	33.050283
76267.53125	5003.910845	4441.413086	32.981834
76297.32031	4971.780742	4410.430176	33.013184
76336.34375	4994.489746	4424.250977	33.037109
76366.26563	4975.137885	4446.383301	33.04248
76405.23438	5001.915039	4418.901855	33.038574
76434.74219	4974.088867	4428.184082	33.044922
76472.48084	4993.039551	4425.905273	33.01709

76502.28125	4974.087871	4415.577637	38.04541
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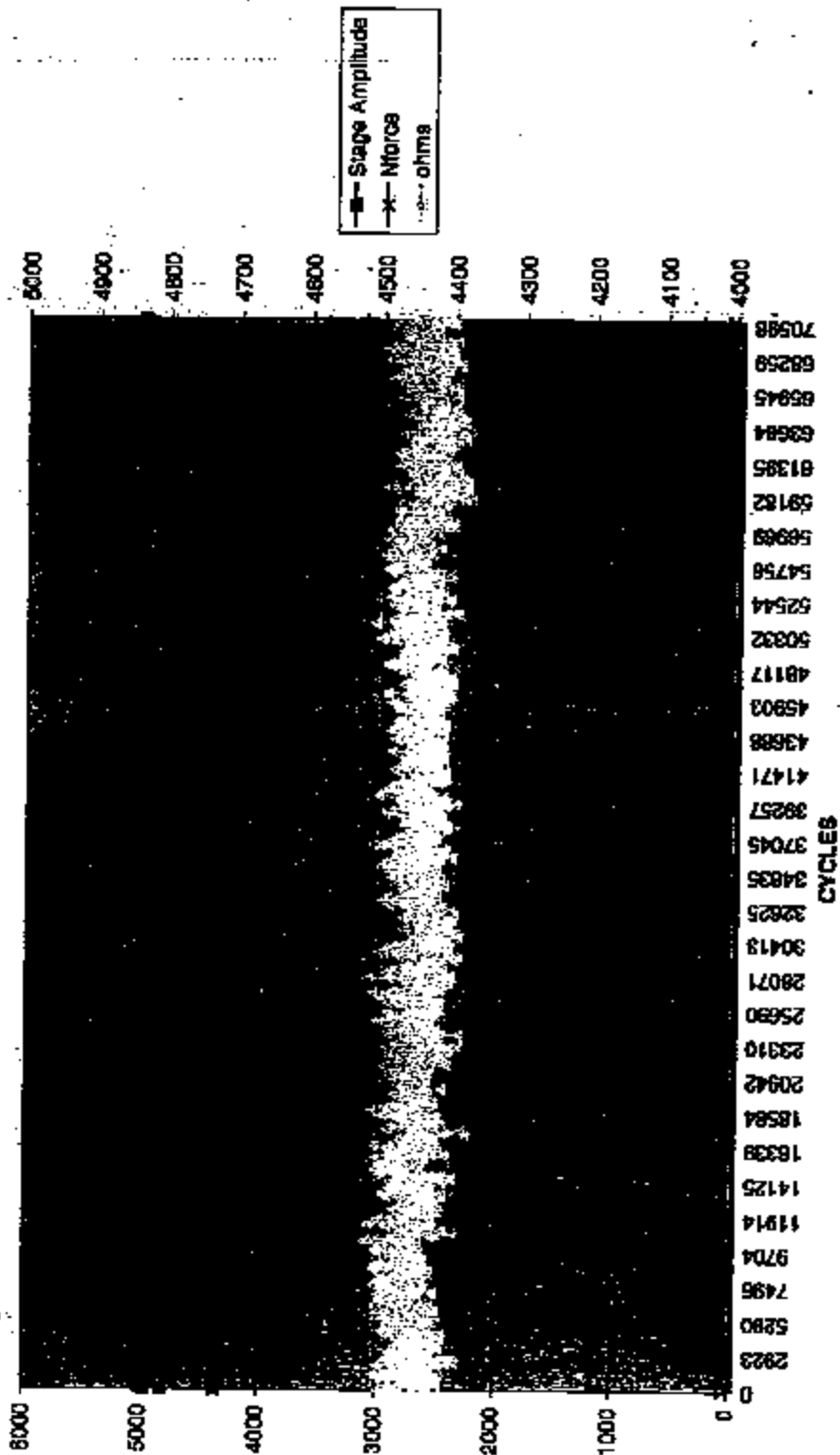
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80182.10938	4973.708984	4458.990723	33.035845
80220.81719	5002.342285	4449.569336	33.04541
80249.80489	4972.790527	4430.930178	33.020998
80287.50781	4995.287598	4483.188016	33.044922
80316.40825	4972.141113	4449.654297	33.041992
80354.90626	5006.594727	4448.177734	33.030273
80384.74219	4974.054199	4410.283184	32.984883
80423.8875	4991.095703	4416.616211	33.084473
80452.91408	4973.252441	4406.413086	33.025391
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80559.21875	4993.045898	4444.997559	33.017578
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80655.8125	4971.018802	4458.08375	33.059082
80695.30469	4993.749023	4443.015625	33.051758
80725.10938	4973.32959	4436.972168	33.03125
80783.9375	5000.460837	4446.967285	33.032227
80793.63281	4973.497559	4448.283872	33.051758
80831.79688	4994.434082	4409.184561	33.023926
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81375.70313	4995.921875	4394.869829	33.03125
81404.27344	4971.094727	4408.728516	33.041504
81442.22858	5004.588857	4449.982422	33.012695
81471.14844	4974.841309	4428.349809	33.028855
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81578.63281	5001.513184	4441.734883	33.047363
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82128.41408	5001.822852	4431.140137	33.037598
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82195.02344	4993.870805	4433.188992	33.048387
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82942.38063	5002.116211	4437.334473	33.04541
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83175.54888	4972.338887	4420.731445	33.027344
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Sample #8 Track #2R  
Data file part A



c:\data\et\track 2R-5hz sample#6.xls  
5mm 5hz 1mA 12VOC 200,000 cycles track 2R Sample #6  
12/17/2002 10:45 AM

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154	4961	4482	34
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239	4882	4476	34
266	4985	4449	33.9
293	4986	4468	34
320	4989	4436	33.9
347	4992	4436	34
374	4998	4429	34
401	5000	4414	33.8
427	5004	4450	34.1
454	5004	4437	33.8
481	5008	4434	33.8
508	5009	4429	33.8
535	5011	4448	33.8
562	5012	4438	33.8
589	5015	4429	33.8
616	6020	4415	33.9
643	5023	4433	33.8
725	5017	4456	33.8
752	5036	4419	33.8
794	5010	4450	33.8
821	5036	4438	33.8
858	5011	4448	33.8
883	5041	4438	33.8
918	5000	4484	33.8
945	5031	4485	33.8
980	4990	4485	33.8
1007	4927	4441	33.8
1039	4999	4421	33.8
1116	4960	4449	33.7
1198	4996	4456	33.8
1225	5030	4436	33.8
1291	5015	4473	33.8
1318	4997	4483	33.8
1345	4994	4479	33.8
1372	4949	4504	33.8
1454	4981	4470	33.8
1528	4988	4485	33.8
1565	4981	4445	33.8
1582	4999	4459	33.8
1609	5011	4453	33.7
1636	5009	4457	33.8
1663	6016	4484	33.8
1690	5025	4468	33.8
1740	5027	4453	33.8
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1802	5022	4467	33.8
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1872	5050	4426	33.8
1907	5033	4426	33.7
1941	5017	4431	33.8
1968	5025	4440	33.8
2003	5011	4456	33.8
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2092	5050	4456	33.8
2127	5038	4437	33.8
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2353	5023	4416	33.8
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2548	4980	4392	33.7
2572	4982	4419	33.8
2599	4985	4410	33.6
2627	4985	4444	33.8
2654	4984	4473	33.8
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2707	4986	4484	33.8
2734	4987	4467	33.8
2761	4984	4431	33.8
2788	4986	4424	33.7
2815	4987	4426	33.8
2842	4987	4462	33.8
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3408	5019	4471	33.8
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3544	5038	4441	33.8
3586	5015	4448	33.8
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4250	4979	4436	33.8
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4617	4981	4470	33.8
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4724	4982	4446	33.8
4751	4982	4467	33.8
4778	4981	4491	33.8
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4967	4984	4464	33.8
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5344	4984	4465	33.8
5371	4984	4482	33.8
5396	4984	4494	33.8
5425	4985	4459	33.8
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5478	4986	4463	33.8
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5559	4984	4478	33.8
5586	4987	4487	33.8
5613	4984	4494	33.8
5640	4984	4506	33.8
5667	4987	4496	33.8
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5721	4984	4448	33.8
5748	4984	4418	33.8
5775	4983	4441	33.8
5801	4983	4471	33.8
5828	4986	4440	33.8
5856	4987	4472	33.8
5882	4987	4434	33.7
5909	4987	4482	33.8
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5963	4986	4416	33.8
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6071	4985	4460	33.8
6098	4985	4445	33.8
6125	4985	4441	33.8
6152	4986	4430	33.8
6179	4985	4463	33.8
6205	4984	4427	33.8
6232	4984	4441	33.8
6259	4984	4461	33.8
6286	4984	4453	33.8
6313	4985	4461	33.8
6340	4986	4472	33.8

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8475	4988	4484	33.8
8602	4986	4477	33.8
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8555	4988	4484	33.8
8582	4988	4474	33.8
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8638	4985	4484	33.8
8663	4987	4470	33.8
8690	4985	4480	33.8
8717	4983	4482	33.7
8744	4984	4485	33.7
8771	4984	4478	33.7
8798	4985	4478	33.7
8825	4986	4471	33.8
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8878	4985	4452	33.8
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7093	4985	4421	33.8
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7228	4986	4468	33.6
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7335	4987	4435	33.7
7362	4987	4489	33.8
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7684	4986	4488	33.5
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8466	4988	4448	33.7
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8870	4989	4475	33.8
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9058	4988	4440	33.6
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11806	4893	4501	33.6
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11914	4892	4437	33.5
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12237	4992	4438	33.5
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13235	4994	4434	33.5
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13316	4992	4410	33.5
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14556	4996	4427	33.5
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16420	4998	4448	33.5
16447	4996	4435	33.5
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17446	4997	4449	33.5
17473	4996	4436	33.5
17500	4996	4448	33.5
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18929	5000	4477	33.6
18958	4999	4452	33.3
18986	4998	4473	33.5
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19445	5000	4450	33.5
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20454	4999	4434	33.5
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20770	5002	4450	33.3
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20855	5002	4457	33.5
20884	5000	4448	33.5
20913	5000	4464	33.3
20942	4998	4455	33.5
20971	5001	4470	33.5
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21230	4999	4433	33.3
21258	5000	4443	33.5
21287	4999	4461	33.4
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21345	5000	4445	33.5
21373	5000	4455	33.3
21402	5000	4437	33.3
21430	5000	4447	33.3
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21573	5001	4464	33.4
21602	4999	4462	33.3
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21746	4999	4495	33.3
21774	5000	4463	33.3
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21890	5000	4488	33.4
21919	4999	4406	33.3
21948	5000	4472	33.3
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22152	5001	4478	33.5
22181	5001	4458	33.5
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22238	5002	4425	33.6
22287	5000	4414	33.5
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22320	5001	4412	33.3
22354	5002	4416	33.3
22383	5003	4440	33.3
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22469	5001	4417	33.5
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22585	5001	4471	33.5
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22700	5002	4438	33.5
22729	5002	4460	33.3
22758	5002	4439	33.5
22787	5001	4455	33.5
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22875	5002	4430	33.4
22904	5003	4446	33.3
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23078	5003	4467	33.4
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23310	5004	4439	33.4
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23367	5002	4433	33.5
23397	5002	4418	33.3
23426	5002	4444	33.5
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69647	5018	4429	33.2
69674	5021	4429	33.3
69709	4995	4433	33.3
69736	5018	4473	33.2
69763	5019	4428	33.3
69780	5020	4433	33.3
69817	5019	4441	33.3
69844	5017	4433	33.3
69871	5020	4456	33.3
69898	5021	4457	33.3
69933	5003	4449	33.2
69961	5020	4464	33.3
69988	5019	4481	33.3
70015	5018	4477	33.2
70041	5018	4449	33.2
70068	5019	4437	33.3
70095	5019	4446	33.3
70122	5016	4474	33.3
70149	5020	4468	33.3
70176	5021	4455	33.3
70203	5019	4459	33.3
70230	5019	4468	33.3
70258	5021	4468	33.3
70283	4997	4485	33.2
70320	5020	4466	33.3
70347	5019	4485	33.3
70374	5018	4489	33.3
70401	5022	4455	33.1
70436	5003	4484	33.2
70463	5019	4438	33.1
70490	5020	4457	33
70517	5019	4405	33.1
70544	5019	4427	33.2
70571	5019	4410	33.2
70598	5021	4435	33.2
70625	5019	4452	33.2

70652	5021	4460	33.1
70679	5020	4487	33.1
70706	5021	4428	33.2
70741	4998	4417	33.3
70768	5018	4409	33.3
70795	5020	4409	33.3
70822	5020	4441	33.3
70849	5020	4446	33.2
70876	5020	4458	33.2
70903	5021	4454	33.3

# ETC Circuit Board Sample #4 Resistance Measure. (in Ohms)

365,000 cycles @ 5 Hz., No lube, ±5mm on track 2R (B), 13 grams force

## Cycling on Trace 2R 13g

Name	Pre-Cycle	365K Cycles	Change	% Change
Trace 2C	0.48	0.48		
	0.49	0.52		
	0.48	0.49		
	<u>AVG. 0.48</u>	<u>0.49</u>	0.00	0.7%
Trace 2R	3857	3822		
	3857	3822		
	3856	3821		
	3858	3821		
	<u>AVG. 3858</u>	<u>3821</u>	-35.00	-0.9%
Trace 1R	3705	3698		
	3705	3699		
	3705	3699		
	<u>AVG. 3705</u>	<u>3699</u>	-6.33	-0.2%
Trace 1C	0.40	0.41		
	0.42	0.44		
	0.42	0.41		
	<u>AVG. 0.41</u>	<u>0.42</u>	0.01	1.8%
Trace 3R	4082	4073		
	4083	4073		
	4083	4073		
	<u>AVG. 4083</u>	<u>4073</u>	-9.67	-0.2%
Trace 3C	0.37	0.35		
	0.37	0.35		
	0.37	0.35		
	<u>AVG. 0.37</u>	<u>0.35</u>	-0.02	-5.4%

# ETC Circuit Board Sample #6 Resistance Measure. (in Ohms)

385,000 cycles @ 5 Hz., No lube, ±5mm on track 2R (B), 33 grams force

## Cycling on Trace 2R 33g

Name	Pre-Cycle	385K Cycles	Change	% Change
Trace 2C	0.48	0.53		
	0.48	0.51		
	0.47	0.52		
	<u>AVG. 0.48</u>	<u>0.52</u>	0.04	9.1%
Trace 2R	3919	3874		
	3919	3875		
	3919	3875		
	3919	3874		
	<u>AVG. 3919</u>	<u>3874</u>	-44.50	-1.1%
Trace 1R	3774	3800		
	3774	3799		
	3775	3799		
	<u>AVG. 3774</u>	<u>3799</u>	25.00	0.7%
Trace 1C	0.39	0.39		
	0.39	0.39		
	0.40	0.40		
	<u>AVG. 0.39</u>	<u>0.39</u>	0.00	0.9%
Trace 3R	4074	4100		
	4074	4102		
	4074	4102		
	<u>AVG. 4074</u>	<u>4101</u>	27.33	0.7%
Trace 3C	0.37	0.41		
	0.38	0.37		
	0.37	0.38		
	<u>AVG. 0.37</u>	<u>0.39</u>	0.01	3.6%

# ETC Circuit Board Sample #5 Resistance Measure. (in Ohms)

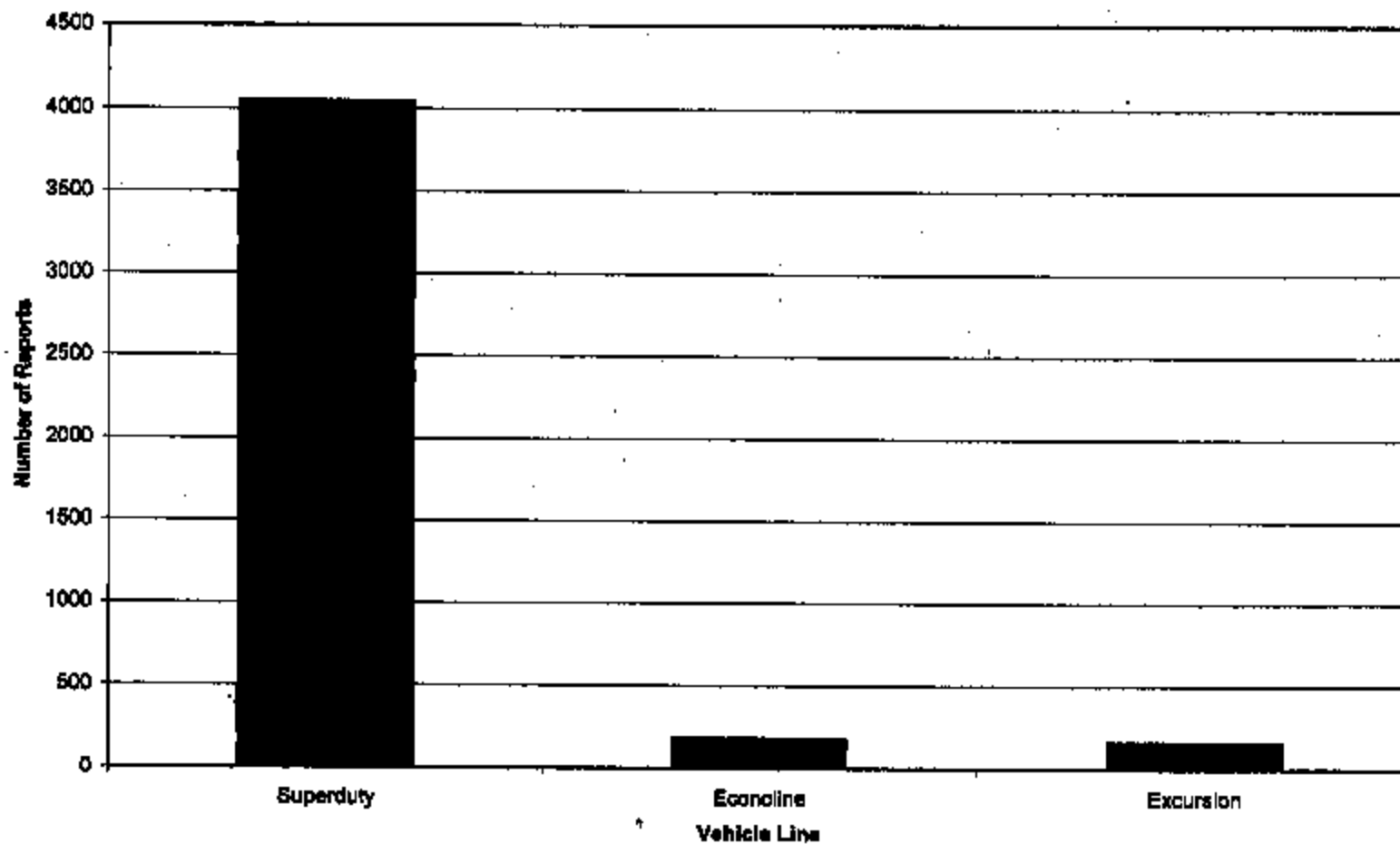
365,000 cycles @ 5 Hz., No lube, ±5mm on track 2R (B), 23 grams force

## Cycling on Trace 2R 23g

Name	Pre-Cycle	365K Cycles	Change	% Change
Trace 2C	0.45	0.49		
	0.48	0.49		
	0.49	0.48		
	<u>AVG. 0.47</u>	<u>0.49</u>	0.01	2.6%
Trace 2R	3829	3809		
	3829	3808		
	3827	3808		
	3827	3807		
	<u>AVG. 3828</u>	<u>3808</u>	-18.80	-0.5%
Trace 1R	3707	3738		
	3707	3738		
	3707	3738		
	<u>AVG. 3707</u>	<u>3738</u>	31.00	0.8%
Trace 1C	0.40	0.39		
	0.41	0.40		
	0.41	0.37		
	<u>AVG. 0.41</u>	<u>0.38</u>	-0.02	-4.9%
Trace 3R	4078	4110		
	4074	4110		
	4075	4110		
	<u>AVG. 4075</u>	<u>4110</u>	35.00	0.9%
Trace 3C	0.36	0.37		
	0.36	0.36		
	0.37	0.34		
	<u>AVG. 0.36</u>	<u>0.35</u>	-0.01	-1.8%

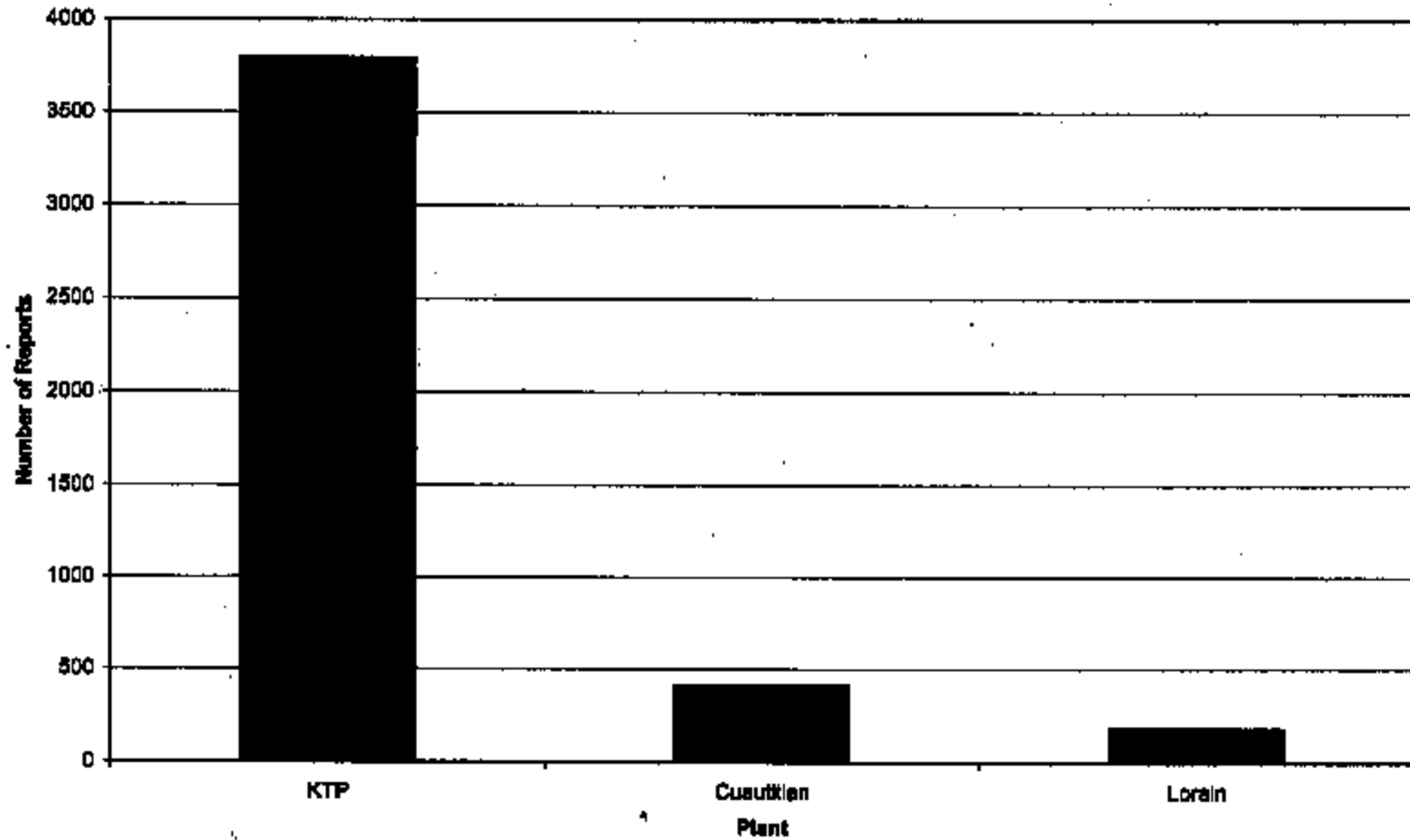


Vehicle Line (AWS data)



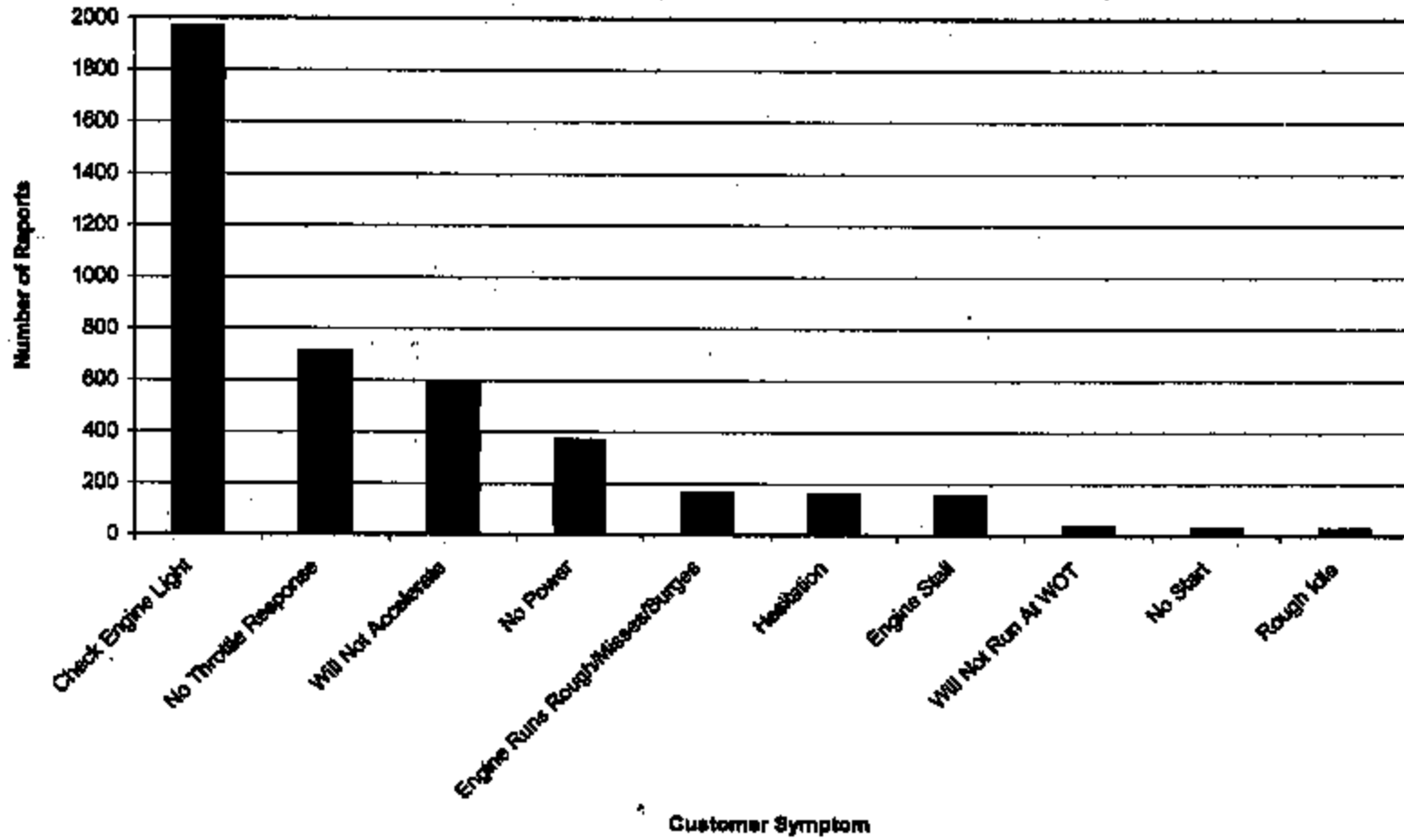
PER3-044 27282

**Plant (AWS data)**

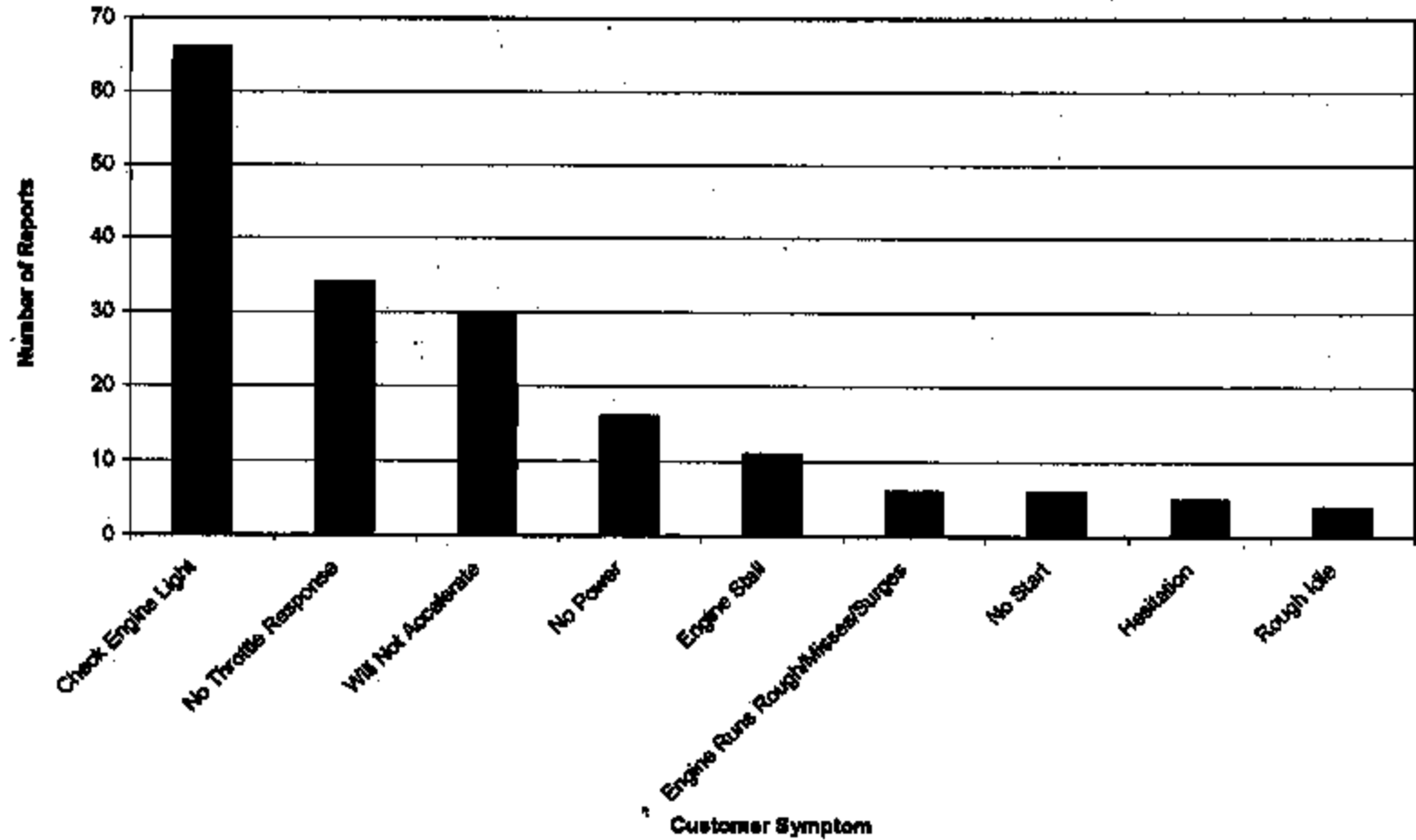


PERC-04 27283

Customer Symptom Superduty-Excursion (AWS data)

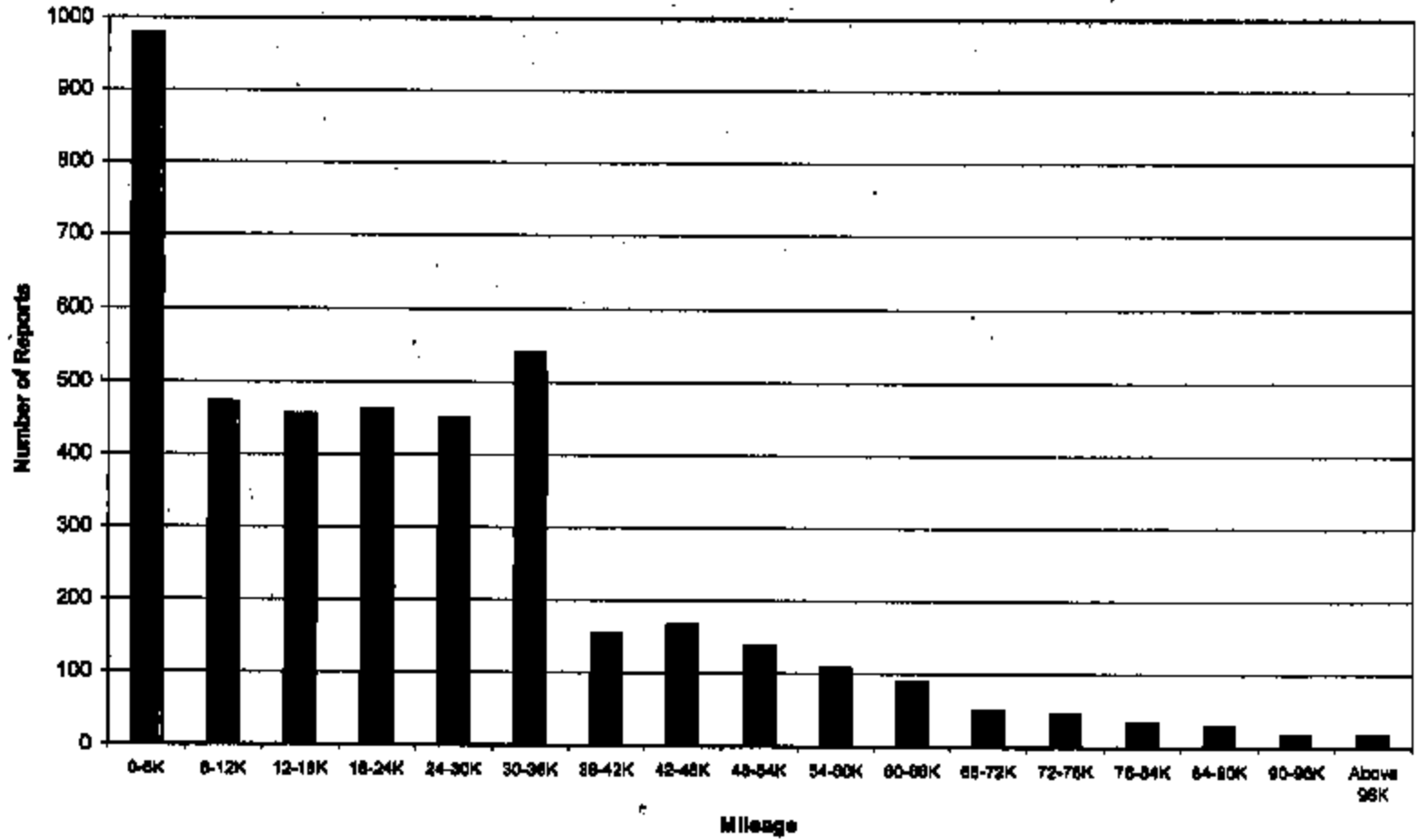


Customer Symptom Econoline (AWS data)



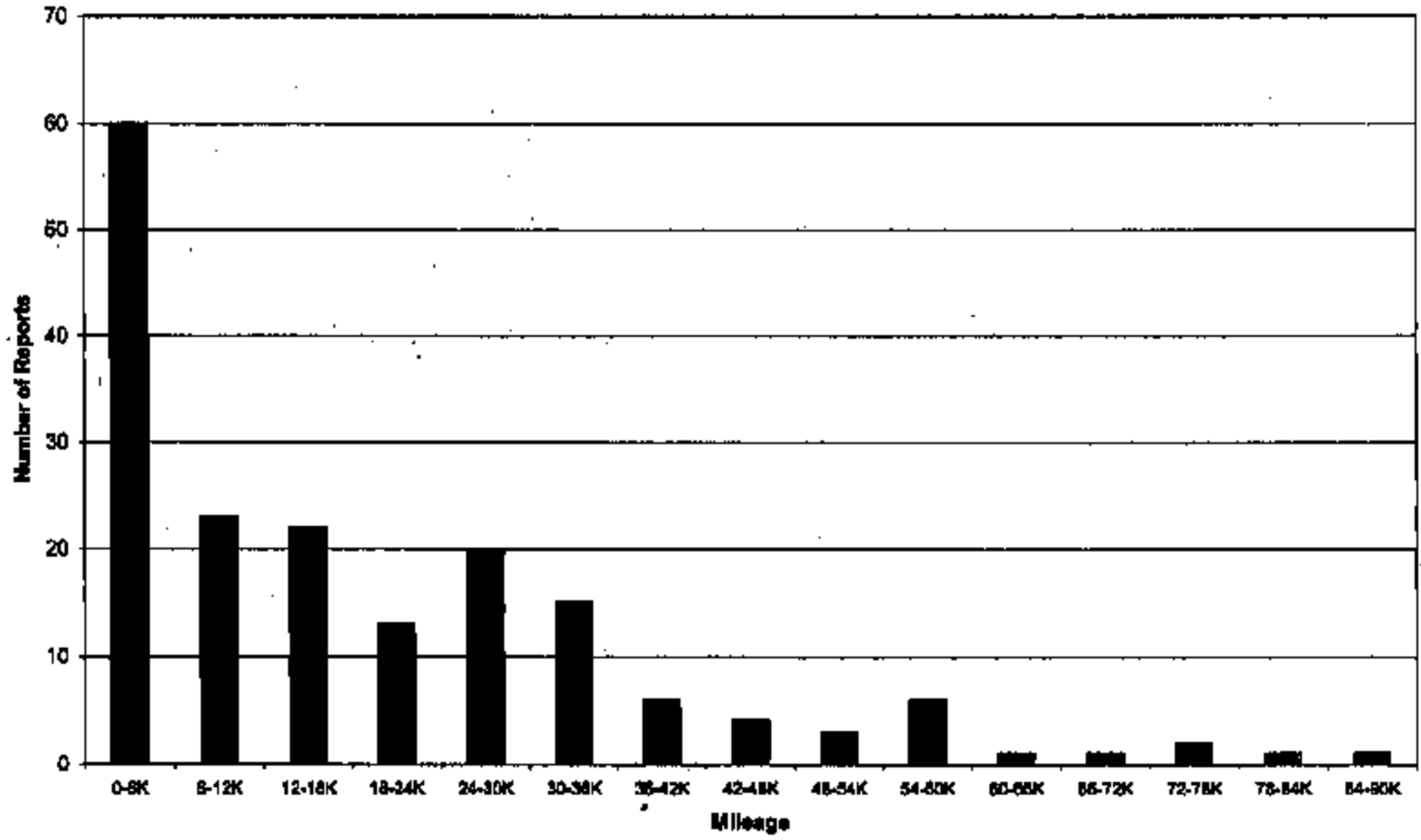
PN33-014 27205

### Mileage Superduty-Excursion (AWS data)



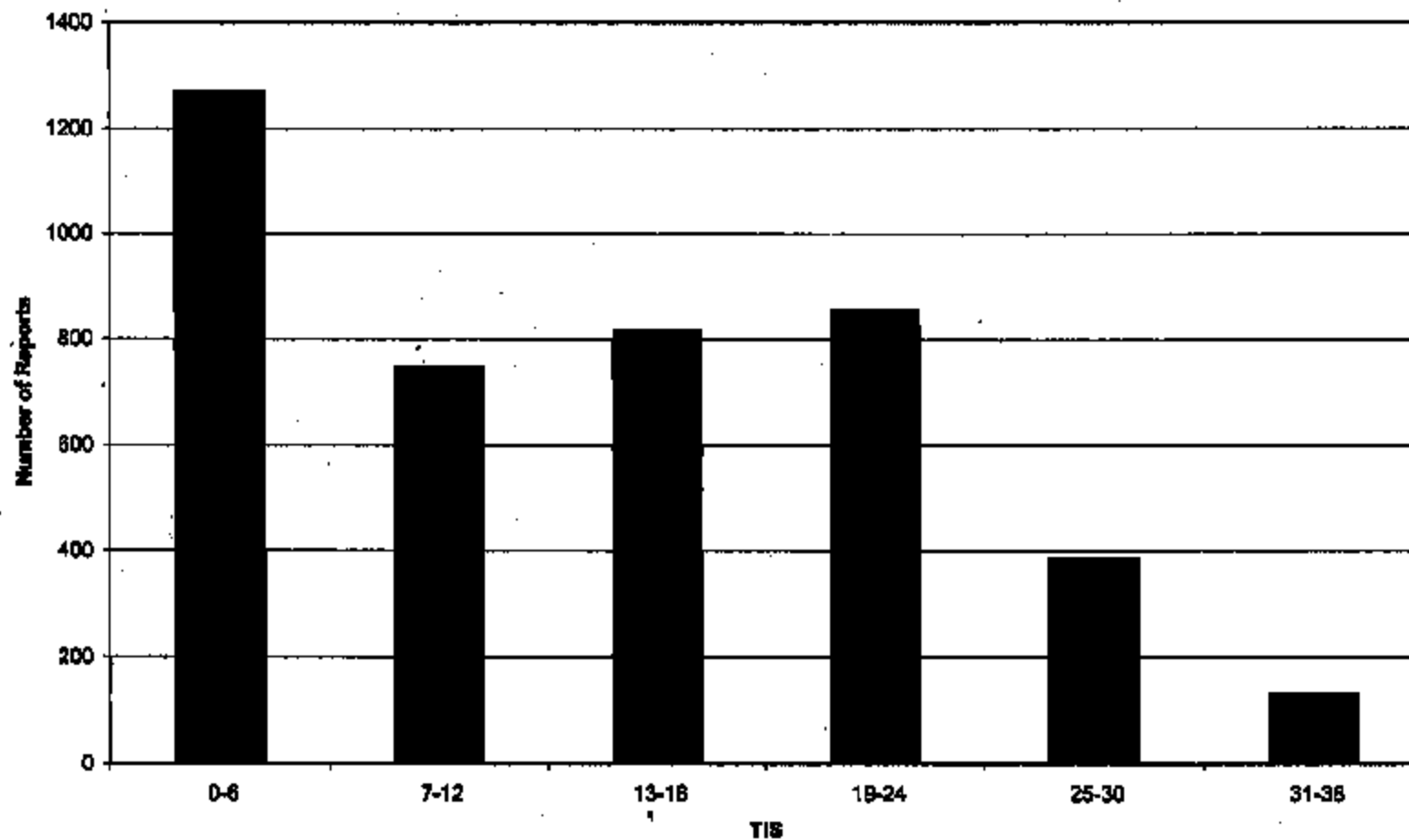
PERC-644 27206

Mileage Econoline (AWS data)



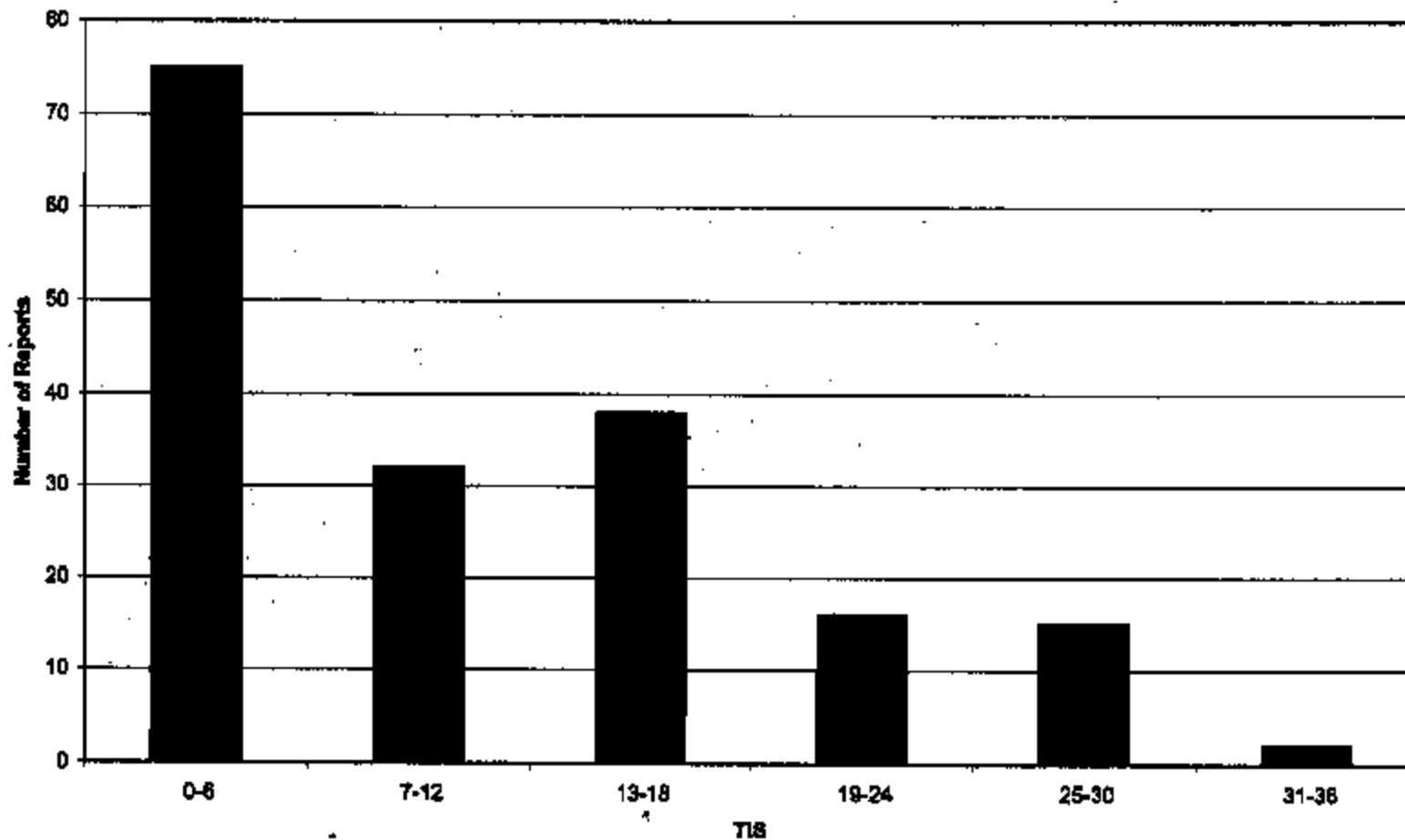
PE03-044 27287

TIS Superduty-Excursion (AWS data)



FD-302 (Rev. 11-27-83)

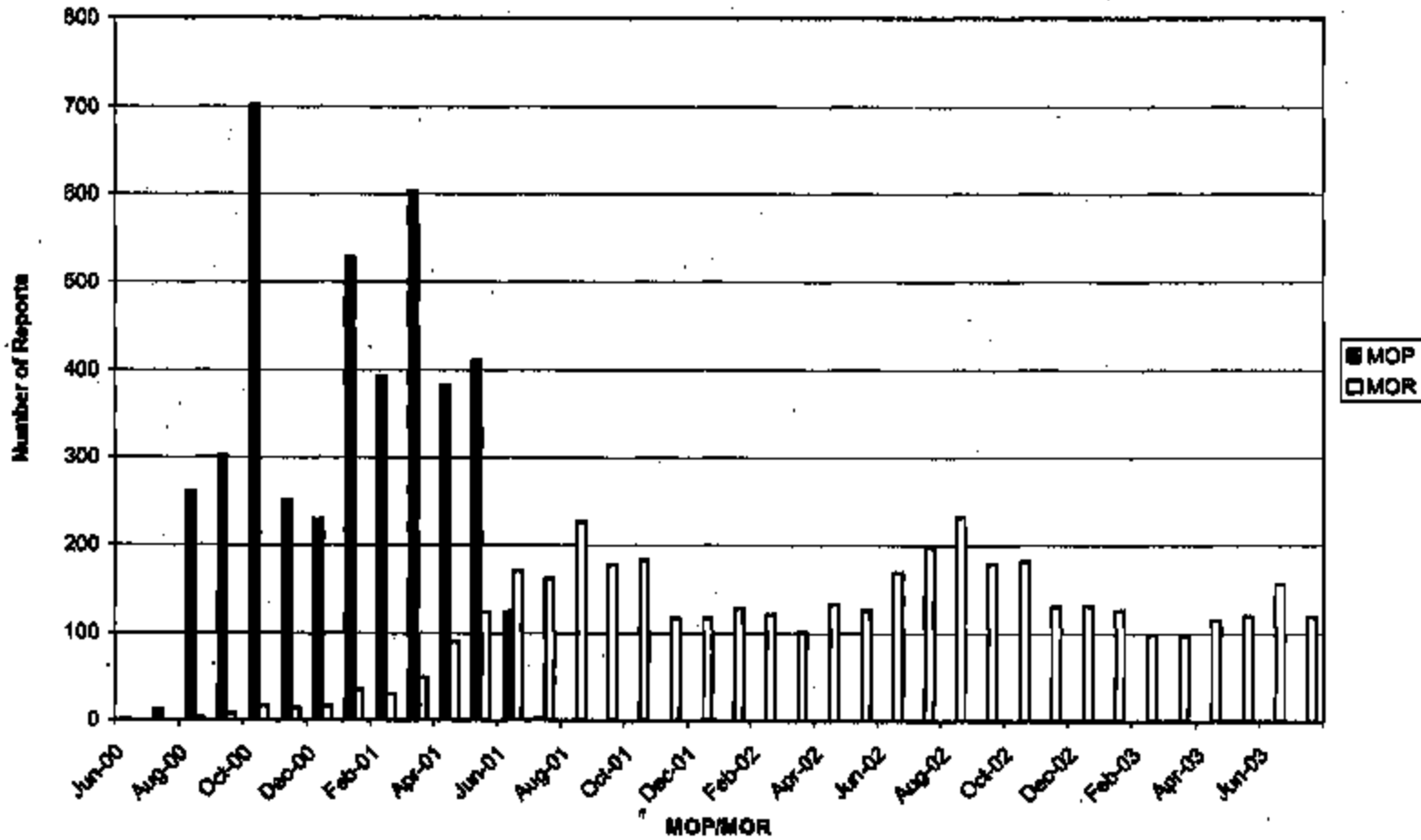
TIS Econoline (AWS data)



PERC-044 27289

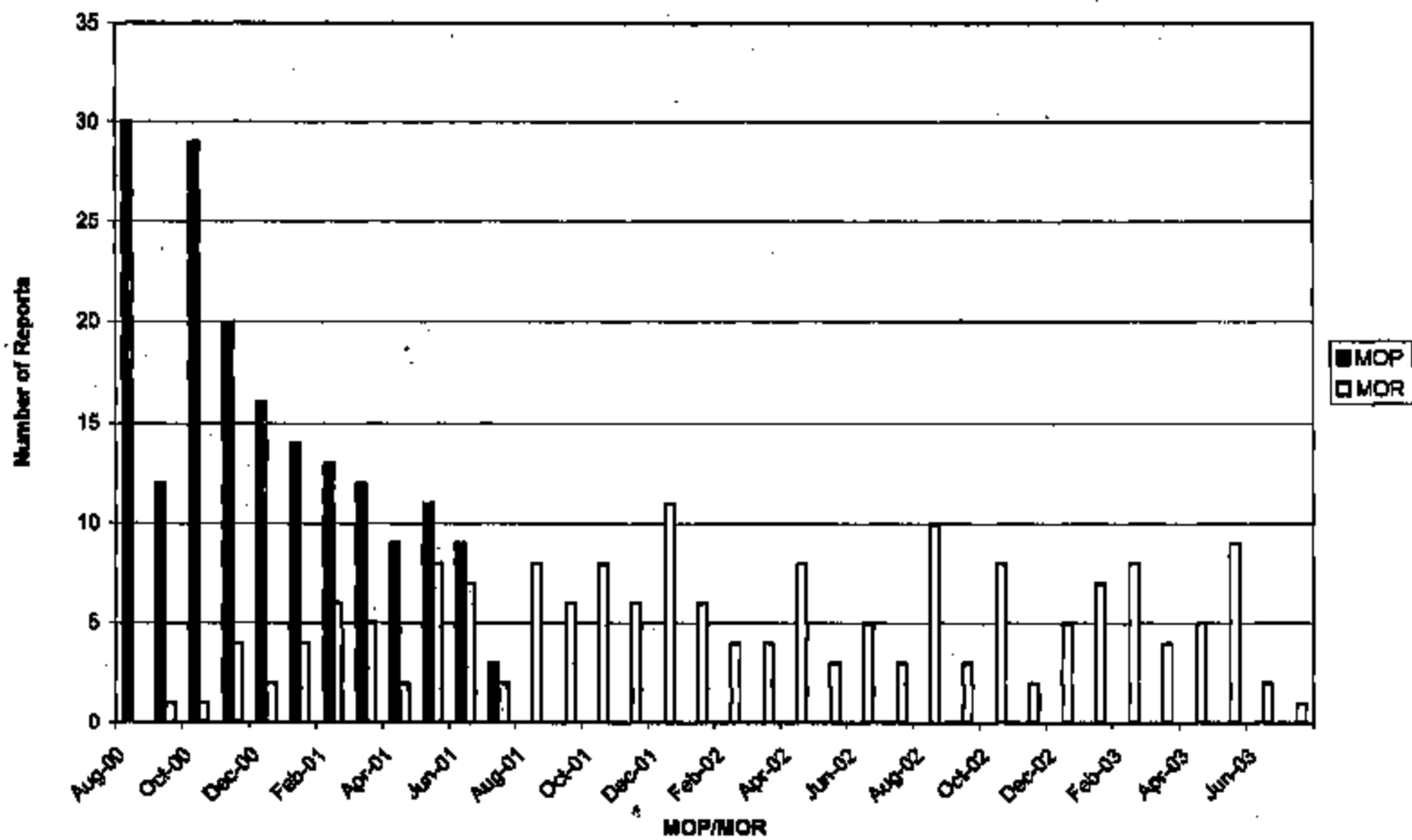


MOP/MOR Superduty-Excursion (AWS data)



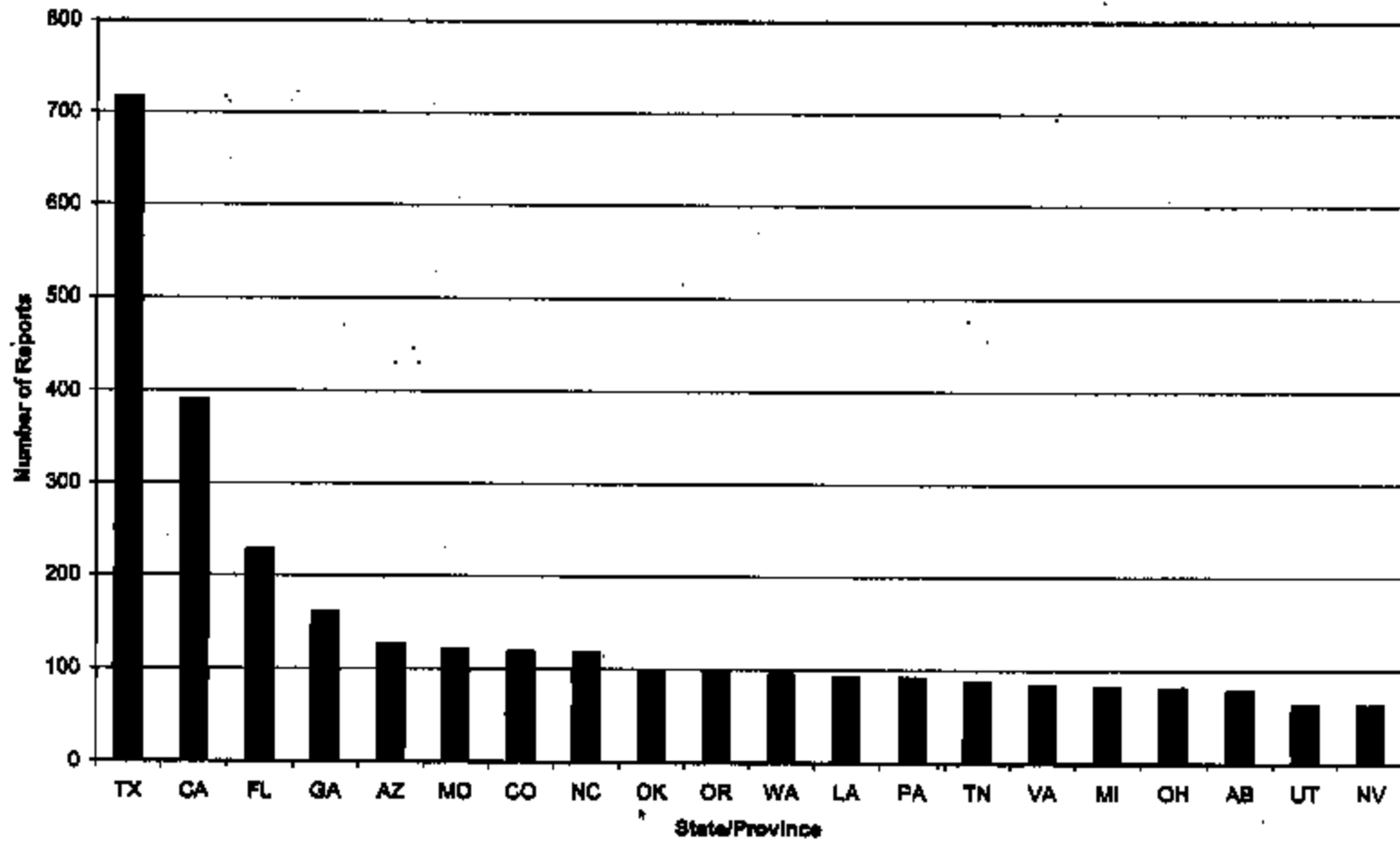
PERC-044 2728

MOP/MOR Econoline (AWS data)



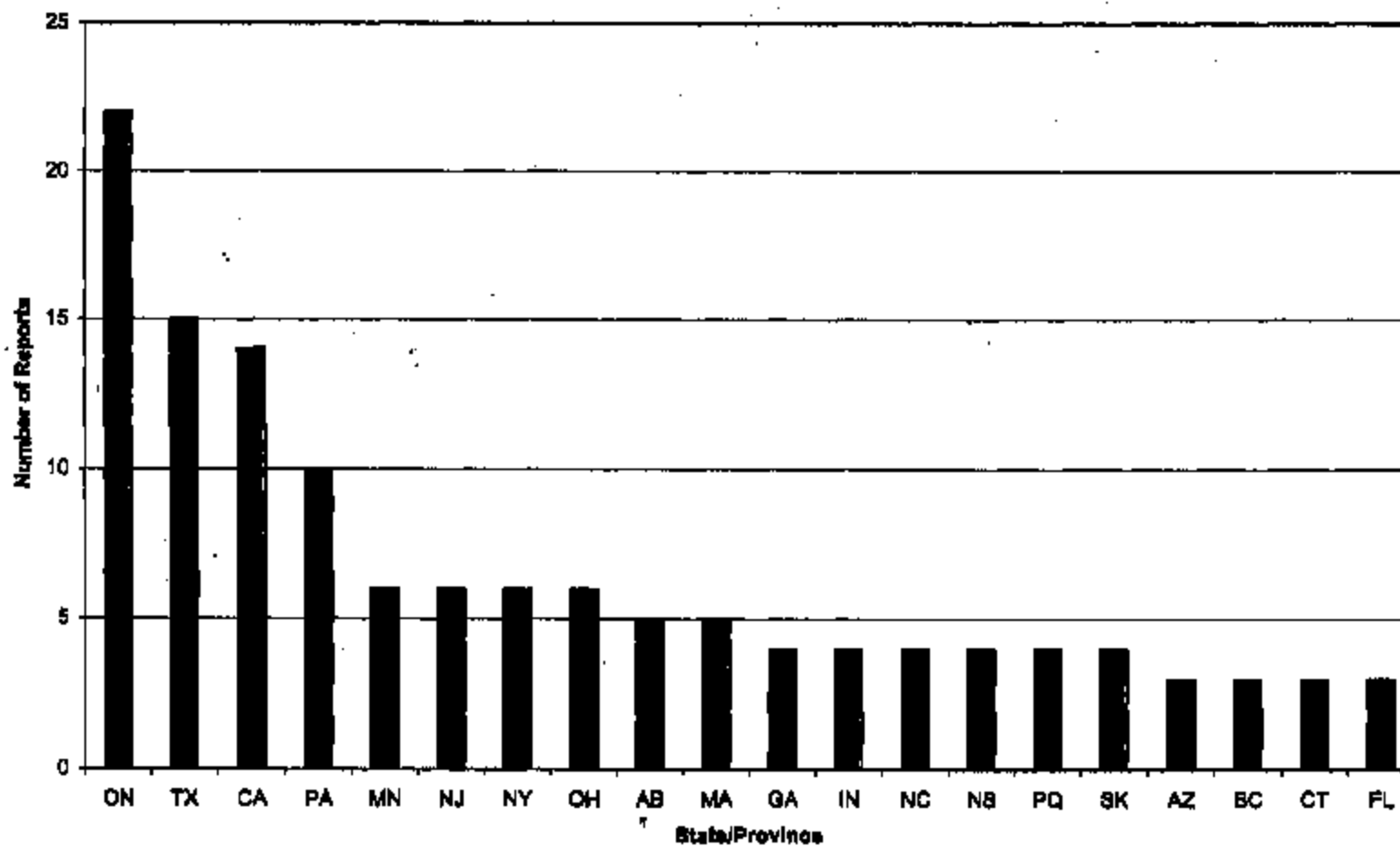
PER3-044 27291

State/Province Top 20 Superduty-Excursion (AWS data)



PE03-044 27282

State/Province Top 20 Econoline (AWS data)



PER-044 27293

Year	Month	Day	City	State	County	Population	Area	Notes
1950	Jan	1	NY	NY	NY	117	117	
1950	Feb	2	CA	CA	CA	120	120	
1950	Mar	3	IL	IL	IL	125	125	
1950	Apr	4	PA	PA	PA	130	130	
1950	May	5	TX	TX	TX	135	135	
1950	Jun	6	MD	MD	MD	140	140	
1950	Jul	7	CO	CO	CO	145	145	
1950	Aug	8	NY	NY	NY	150	150	
1950	Sep	9	NC	NC	NC	155	155	
1950	Oct	10	OK	OK	OK	160	160	
1950	Nov	11	OR	OR	OR	165	165	
1950	Dec	12	MA	MA	MA	170	170	
1951	Jan	13	WA	WA	WA	175	175	
1951	Feb	14	LA	LA	LA	180	180	
1951	Mar	15	PA	PA	PA	185	185	
1951	Apr	16	IN	IN	IN	190	190	
1951	May	17	VA	VA	VA	195	195	
1951	Jun	18	TX	TX	TX	200	200	
1951	Jul	19	MO	MO	MO	205	205	
1951	Aug	20	MI	MI	MI	210	210	
1951	Sep	21	OH	OH	OH	215	215	
1951	Oct	22	AR	AR	AR	220	220	
1951	Nov	23	WV	WV	WV	225	225	
1951	Dec	24	MT	MT	MT	230	230	
1952	Jan	25	UT	UT	UT	235	235	
1952	Feb	26	ND	ND	ND	240	240	
1952	Mar	27	WY	WY	WY	245	245	
1952	Apr	28	NE	NE	NE	250	250	
1952	May	29	KS	KS	KS	255	255	
1952	Jun	30	OK	OK	OK	260	260	
1953	Jul	1	IA	IA	IA	265	265	
1953	Aug	2	MO	MO	MO	270	270	
1953	Sep	3	SC	SC	SC	275	275	
1953	Oct	4	VA	VA	VA	280	280	
1953	Nov	5	NC	NC	NC	285	285	
1953	Dec	6	AK	AK	AK	290	290	
1954	Jan	7	LA	LA	LA	295	295	
1954	Feb	8	TX	TX	TX	300	300	
1954	Mar	9	OK	OK	OK	305	305	
1954	Apr	10	OR	OR	OR	310	310	
1954	May	11	UT	UT	UT	315	315	
1954	Jun	12	ND	ND	ND	320	320	
1954	Jul	13	WV	WV	WV	325	325	
1954	Aug	14	MT	MT	MT	330	330	
1954	Sep	15	WY	WY	WY	335	335	
1954	Oct	16	NE	NE	NE	340	340	
1954	Nov	17	KS	KS	KS	345	345	
1954	Dec	18	IA	IA	IA	350	350	
1955	Jan	19	MO	MO	MO	355	355	
1955	Feb	20	SC	SC	SC	360	360	
1955	Mar	21	VA	VA	VA	365	365	
1955	Apr	22	NC	NC	NC	370	370	
1955	May	23	AK	AK	AK	375	375	
1955	Jun	24	LA	LA	LA	380	380	
1955	Jul	25	TX	TX	TX	385	385	
1955	Aug	26	OK	OK	OK	390	390	
1955	Sep	27	OR	OR	OR	395	395	
1955	Oct	28	UT	UT	UT	400	400	
1955	Nov	29	ND	ND	ND	405	405	
1955	Dec	30	WV	WV	WV	410	410	
1956	Jan	31	MT	MT	MT	415	415	
1956	Feb	1	WY	WY	WY	420	420	
1956	Mar	2	NE	NE	NE	425	425	
1956	Apr	3	KS	KS	KS	430	430	
1956	May	4	IA	IA	IA	435	435	
1956	Jun	5	MO	MO	MO	440	440	
1956	Jul	6	SC	SC	SC	445	445	
1956	Aug	7	VA	VA	VA	450	450	
1956	Sep	8	NC	NC	NC	455	455	
1956	Oct	9	AK	AK	AK	460	460	
1956	Nov	10	LA	LA	LA	465	465	
1956	Dec	11	TX	TX	TX	470	470	
1957	Jan	12	OK	OK	OK	475	475	
1957	Feb	13	OR	OR	OR	480	480	
1957	Mar	14	UT	UT	UT	485	485	
1957	Apr	15	ND	ND	ND	490	490	
1957	May	16	WV	WV	WV	495	495	
1957	Jun	17	MT	MT	MT	500	500	
1957	Jul	18	WY	WY	WY	505	505	
1957	Aug	19	NE	NE	NE	510	510	
1957	Sep	20	KS	KS	KS	515	515	
1957	Oct	21	IA	IA	IA	520	520	
1957	Nov	22	MO	MO	MO	525	525	
1957	Dec	23	SC	SC	SC	530	530	
1958	Jan	24	VA	VA	VA	535	535	
1958	Feb	25	NC	NC	NC	540	540	
1958	Mar	26	AK	AK	AK	545	545	
1958	Apr	27	LA	LA	LA	550	550	
1958	May	28	TX	TX	TX	555	555	
1958	Jun	29	OK	OK	OK	560	560	
1958	Jul	30	OR	OR	OR	565	565	
1958	Aug	31	UT	UT	UT	570	570	
1959	Jan	1	ND	ND	ND	575	575	
1959	Feb	2	WV	WV	WV	580	580	
1959	Mar	3	MT	MT	MT	585	585	
1959	Apr	4	WY	WY	WY	590	590	
1959	May	5	NE	NE	NE	595	595	
1959	Jun	6	KS	KS	KS	600	600	
1959	Jul	7	IA	IA	IA	605	605	
1959	Aug	8	MO	MO	MO	610	610	
1959	Sep	9	SC	SC	SC	615	615	
1959	Oct	10	VA	VA	VA	620	620	
1959	Nov	11	NC	NC	NC	625	625	
1959	Dec	12	AK	AK	AK	630	630	
1960	Jan	13	LA	LA	LA	635	635	
1960	Feb	14	TX	TX	TX	640	640	
1960	Mar	15	OK	OK	OK	645	645	
1960	Apr	16	OR	OR	OR	650	650	
1960	May	17	UT	UT	UT	655	655	
1960	Jun	18	ND	ND	ND	660	660	
1960	Jul	19	WV	WV	WV	665	665	
1960	Aug	20	MT	MT	MT	670	670	
1960	Sep	21	WY	WY	WY	675	675	
1960	Oct	22	NE	NE	NE	680	680	
1960	Nov	23	KS	KS	KS	685	685	
1960	Dec	24	IA	IA	IA	690	690	
1961	Jan	25	MO	MO	MO	695	695	
1961	Feb	26	SC	SC	SC	700	700	
1961	Mar	27	VA	VA	VA	705	705	
1961	Apr	28	NC	NC	NC	710	710	
1961	May	29	AK	AK	AK	715	715	
1961	Jun	30	LA	LA	LA	720	720	
1962	Jul	1	TX	TX	TX	725	725	
1962	Aug	2	OK	OK	OK	730	730	
1962	Sep	3	OR	OR	OR	735	735	
1962	Oct	4	UT	UT	UT	740	740	
1962	Nov	5	ND	ND	ND	745	745	
1962	Dec	6	WV	WV	WV	750	750	
1963	Jan	7	MT	MT	MT	755	755	
1963	Feb	8	WY	WY	WY	760	760	
1963	Mar	9	NE	NE	NE	765	765	
1963	Apr	10	KS	KS	KS	770	770	
1963	May	11	IA	IA	IA	775	775	
1963	Jun	12	MO	MO	MO	780	780	
1963	Jul	13	SC	SC	SC	785	785	
1963	Aug	14	VA	VA	VA	790	790	
1963	Sep	15	NC	NC	NC	795	795	
1963	Oct	16	AK	AK	AK	800	800	
1963	Nov	17	LA	LA	LA	805	805	
1963	Dec	18	TX	TX	TX	810	810	
1964	Jan	19	OK	OK	OK	815	815	
1964	Feb	20	OR	OR	OR	820	820	
1964	Mar	21	UT	UT	UT	825	825	
1964	Apr	22	ND	ND	ND	830	830	
1964	May	23	WV	WV	WV	835	835	
1964	Jun	24	MT	MT	MT	840	840	
1964	Jul	25	WY	WY	WY	845	845	
1964	Aug	26	NE	NE	NE	850	850	
1964	Sep	27	KS	KS	KS	855	855	
1964	Oct	28	IA	IA	IA	860	860	
1964	Nov	29	MO	MO	MO	865	865	
1964	Dec	30	SC	SC	SC	870	870	
1965	Jan	31	VA	VA	VA	875	875	
1965	Feb	1	NC	NC	NC	880	880	
1965	Mar	2	AK	AK	AK	885	885	
1965	Apr	3	LA	LA	LA	890	890	
1965	May	4	TX	TX	TX	895	895	
1965	Jun	5	OK	OK	OK	900	900	
1965	Jul	6	OR	OR	OR	905	905	
1965	Aug	7	UT	UT	UT	910	910	
1965	Sep	8	ND	ND	ND	915	915	
1965	Oct	9	WV	WV	WV	920	920	
1965	Nov	10	MT	MT	MT	925	925	
1965	Dec	11	WY	WY	WY	930	930	
1966	Jan	12	NE	NE	NE	935	935	
1966	Feb	13	KS	KS	KS	940	940	
1966	Mar	14	IA	IA	IA	945	945	
1966	Apr	15	MO	MO	MO	950	950	
1966	May	16	SC	SC	SC	955	955	
1966	Jun	17	VA	VA	VA	960	960	
1966	Jul	18	NC	NC	NC	965	965	
1966	Aug	19	AK	AK	AK	970	970	
1966	Sep	20	LA	LA	LA	975	975	
1966	Oct	21	TX	TX	TX	980	980	
1966	Nov	22	OK	OK	OK	985	985	
1966	Dec	23	OR	OR	OR	990	990	
1967	Jan	24	UT	UT	UT	995	995	
1967	Feb	25	ND	ND	ND	1000	1000	
1967	Mar	26	WV	WV	WV	1005	1005	
1967	Apr	27	MT	MT	MT	1010	1010	
1967	May	28	WY	WY	WY	1015	1015	
1967	Jun	29	NE	NE	NE	1020	1020	
1967	Jul	30	KS	KS	KS	1025	1025	
1967	Aug	31	IA	IA	IA	1030	1030	
1968	Jan	1	MO	MO	MO	1035	1035	
1968	Feb	2	SC	SC	SC	1040	1040	
1968	Mar	3	VA	VA	VA	1045	1045	
1968	Apr	4	NC	NC	NC	1050	1050	
1968	May	5						



MDL_VR	VIN_CD	MSR_COST	VEH_LINE_CD	MKT_DS	DEMOD_CAU	ST_VSR	ISSUES	DRIVE	CD	ENQ_CD	TRANS_CD	PLANT_CD	PRODN_CT	WRKY	STAR	T_DT	NAME	DOC_NUM
2001	1FTWV21F4	26.80 TFF		TF	TBC	TBD	TBE	TDE	TDF	TDE	A1		24-Mar-01	21-Jul-01	AMEZRA	EAGLE PASS FORD MERCURY	2004001	
2001	1FTWV22F4	195.32 TFF		TF	TBD	TBD	TBE	TDE	TDF	TDE	A1		18-Dec-00	3-Jan-01	PENDLETON	FORD LINCOLN MERCURY	0409989	
2001	1FTWV23F4	88.31 TFF		TF	TBC	TBD	TBE	TDE	TDF	TDE	A1		14-Jan-01	8-May-01	ANDERSON	FORD-MERCURY	101820A	
2001	1F0AF37F21	84 TFF		TF	TBB	TBD	TBE	TDE	TDF	TDE	A1		17-Apr-01	18-Apr-01	DUKE POWER COMPANY-CHARLOTTE		12086001	
2001	1F0BF34F61	84 TFF		TF	TBB	TBD	TBE	TDE	TDF	TDE	A1		19-Apr-01	19-Apr-01	TROPLE J FORD		4031801	
2001	1FTW21F01	53.30 TFF		TF	TBD	TBD	TBE	TDE	TDF	TDF	A1		30-May-01	18-Jun-01	RAMEY FORD	LINCOLN MERCURY	2708201	
2001	1FTW221F01	21.35 TFF		TF	TBD	TBD	TBE	TDE	TDF	TDE	A1		12-Oct-00	6-Nov-00	RAMEY FORD	LINCOLN MERCURY	2743001	
2001	1FTWV33F3	36.04 TFF		TF	TBC	TBD	TBE	TDE	TDF	TDE	A1		18-Sep-00	30-Oct-00	S. L. FORD	SALES LTD.	2827501	
2001	1FTW032F7	8.57 TFF		TF	TBD	TBD	TBE	TDE	TDF	TDF	A1		8-Aug-00	12-Oct-00	ZARDWAY	MOTORS ST. PAUL LTD.	028280A	
2001	1F03N47F7	86.4 TFF		TF	TBC	TBD	TBE	TDE	TDF	TDF	A1		8-Jun-01	26-Jun-01	NORTH STAR	FORD SALES LIMITED	5417401	
2001	1F0AF47F01	102.17 TFF		TF	TBD	TBD	TBE	TDE	TDF	TDF	A1		7-Jun-01	22-Feb-01	FREEDOM	FORD SALES LIMITED	21128001	
2001	1FTW21F01	85.22 TFF		TF	TBD	TBD	TBE	TDE	TDF	TDF	A1		9-Dec-00	8-Dec-00	MONAHAN	FORD SALES	044312A	
2001	1F03F47F01	81.32 TFF		TF	TBB	TBD	TBE	TDE	TDF	TDF	A1		6-Jun-01	15-Feb-01	UNIVERSAL	FORD LINCOLN SALES L.	048104A	
2001	1FTW31F01	85.09 TFF		TF	TBC	TBD	TBE	TDE	TDF	TDE	A1		12-Nov-00	27-Dec-00	DEWY ANDREWS	FORD SALES INC.	112846A	
2001	1F03N47F11	124.79 TFF		TF	TBD	TBD	TBE	TDE	TDF	TDF	A1		17-Feb-01	20-Mar-01	HEALY FORD	SALES LIMITED	13527402	
2001	1FTW21F01	62.04 TFF		TF	TBD	TBD	TBE	TDE	TDF	TDE	A1		5-Apr-01	30-Apr-01	ZENDER	FORD SALES LTD.	1846301	
2001	1FTW31F01	71.62 TFF		TF	TBC	TBD	TBE	TDE	TDF	TDE	A1		30-Mar-01	24-Jul-01	D.K. FORD	SALES LTD.	3881501	
2001	1FTW21F01	146.94 TFF		TF	TBC	TBD	TBE	TDE	TDF	TDE	A1		22-May-01	28-Jul-01	LACONNE	FORD SALES LTD	041087D	
2001	1F03N47F7	106.12 TFF		TF	TBC	TBD	TBE	TDE	TDF	TDF	A1		10-Feb-01	27-Feb-01	M G M FORD	LINCOLN SALES LTD.	7837901	
2001	1FTWV33F4	82.18 TFF		TF	TBC	TBD	TBE	TDE	TDF	TDE	A1		26-May-01	7-Jul-01	BRENTBRIDGE	FORD SALES LTD.	2022804	
2001	1F03F47F01	137.68 TFF		TF	TBB	TBD	TBE	TDE	TDF	TDF	A1		4-Jan-01	2-Feb-01	WOODRIDGE	FORD LINCOLN LTD	47362001	
2001	1FTW31F01	88.68 TFF		TF	TBC	TBD	TBE	TDE	TDF	TDE	A1		28-Mar-01	6-Jun-01	FESTIVAL	FORD SALES (1993) LTD	34153001	
2001	1F03F47F21	149.36 TFF		TF	TBB	TBD	TBE	TDE	TDF	TDF	A1		17-May-01	10-May-01	FREEDOM	FORD SALES LIMITED	23375001	
2001	1FTW31F01	86.23 TFF		TF	TBC	TBD	TBE	TDE	TDF	TDE	A1		26-Mar-01	23-Apr-01	TARTAN	SALES 1973 LTD	7544902	
2001	1F0AF37F1	89.81 TFF		TF	TBB	TBD	TBE	TDE	TDF	TDF	A1		8-Aug-00	30-Sep-00	PATRICIA FORD	SALES (1994)	1073702	
2001	1F03N47F7	30.34 TFF		TF	TBD	TBD	TBE	TDE	TDF	TDF	A1		19-Oct-00	22-Dec-00	TEAM	FORD SALES LIMITED	2841301	
2001	1FTW31F01	31.81 TFF		TF	TBC	TBD	TBE	TDE	TDF	TDE	A1		24-Nov-00	28-Nov-00	DUCHAMBLE	MOTORS LTD	20202201	
2001	1FTW21F11	42.38 TFF		TF	TBD	TBD	TBE	TDE	TDF	TDF	A1		10-Jan-01	28-Jan-01	JERRY FORD	SALES LTD	3520202	
2001	1F0AF37F41	8.47 TFF		TF	TBB	TBD	TBE	TDE	TDF	TDF	A1		27-Mar-01	23-Apr-01	LAMB	FORD SALES LTD	6417804	
2001	1FTW31F01	201.87 TFF		TF	TBC	TBD	TBE	TDE	TDF	TDE	A1		18-May-01	28-Jun-01	CROWNFOOT	FORD SALES LIMITED	080201B	
2001	1F0AF37F7	49.85 TFF		TF	TBB	TBD	TBE	TDE	TDF	TDE	A1		21-May-01	21-Sep-01	CAM CLARK	FORD SALES LTD.	074983A	
2001	1FTWV33F4	17.05 TFF		TF	TBC	TBD	TBE	TDE	TDF	TDE	A1		1-Nov-00	30-Apr-01	LAMBERT	MOTORS (1999) LTD.	71902	
2001	1F0AF37F01	209.01 TFF		TF	TBB	TBD	TBE	TDE	TDF	TDF	A1		25-Aug-00	20-Oct-00	FREEDOM	FORD SALES LIMITED	2314070B	
2001	1FTW31F01	69.58 TFF		TF	TBC	TBD	TBE	TDE	TDF	TDF	A1		28-Feb-01	28-Mar-01	WOODRIDGE	FORD LINCOLN LTD	48815801	
2001	1FTW21F11	192.05 TFF		TF	TBD	TBD	TBE	TDE	TDF	TDE	A1		4-Mar-01	15-Aug-01	CAM CLARK	FORD (OLD) LTD.	008982A	
2001	1FTW21F01	122.23 TFF		TF	TBD	TBD	TBE	TDE	TDF	TDE	A1		18-Oct-00	24-Jan-01	M G M FORD	LINCOLN SALES LTD.	5543301	
2001	1FTW21F31	14.05 TFF		TF	TBD	TBD	TBE	TDE	TDF	TDE	A1		19-Jan-01	25-Feb-01	SUNSHINE	FORD SALES (1997) LTD	565001	
2001	1FTWV33F4	132.72 TFF		TF	TBD	TBD	TBE	TDE	TDF	TDF	A1		19-Oct-00	22-Nov-00	WOODRIDGE	FORD LINCOLN LTD	17504401	
2001	1FTW23F01	72.12 TFF		TF	TBD	TBD	TBE	TDE	TDF	TDE	A1		27-Apr-01	18-Jul-01	METRO	FORD SALES LIMITED	2734820B	
2001	1FTN21F31	46.27 TFF		TF	TBB	TBD	TBE	TDE	TDF	TDE	A1		31-Mar-01	4-May-01	WINDSOR	MOTORS 1979 LTD.	3802401	
2001	1F0AF37F01	142.7 TFF		TF	TBB	TBD	TBE	TDE	TDF	TDF	A1		28-Aug-00	20-Oct-00	FREEDOM	FORD SALES LIMITED	27750202	
2001	1F03F47F11	43.14 TFF		TF	TBB	TBD	TBE	TDE	TDF	TDF	A1		18-Feb-01	28-Mar-01	CITY	FORD SALES LTD.	308448D	
2001	1FTWV33F4	38.08 TFF		TF	TBC	TBD	TBE	TDE	TDF	TDE	A1		14-Mar-01	3-Apr-01	FONCHA	FORD SALES LTD.	2752804	
2001	1F0AF37F01	46.86 TFF		TF	TBB	TBD	TBE	TDE	TDF	TDE	A1		18-Mar-01	3-Apr-01	TEAM	FORD SALES LIMITED	406701	
2001	1F0AF37F11	46.86 TFF		TF	TBB	TBD	TBE	TDE	TDF	TDE	A1		18-Jan-01	20-Mar-01	SUNSHINE	FORD SALES (1997) LTD	6464901	
2001	1F0AF37F21	229.26 TFF		TF	TBB	TBD	TBE	TDE	TDF	TDF	A1		19-Apr-01	13-Jun-01	NORTH STAR	FORD SALES LIMITED	5911901	
2001	1FTW31F01	109.8 TFF		TF	TBC	TBD	TBE	TDE	TDF	TDE	A1		13-Apr-00	27-Dec-00	DEWY ANDREWS	FORD SALES INC.	130298P	
2001	1FTW31F01	87.47 TFF		TF	TBC	TBD	TBE	TDE	TDF	TDE	A1		11-Jan-01	20-Mar-01	ZENDER	FORD SALES LTD.	10112303	
2001	1FTW31F11	18.86 TFF		TF	TBD	TBD	TBE	TDE	TDF	TDE	A1		17-Aug-00	3-Aug-01	GEO C WEBB & SONS	1980 LTD	582301	
2001	1FTW21F11	44.78 TFF		TF	TBD	TBD	TBE	TDE	TDF	TDE	A1		12-Oct-00	4-Dec-00	WINDSOR	MOTORS 1976 LTD.	3049401	
2001	1F0AF37F01	113.18 TFF		TF	TBB	TBD	TBE	TDE	TDF	TDF	A1		17-May-01	16-Jul-01	SPRUGLAND	FORD SALES LTD.	9323401	
2001	1F0AF37F01	24.28 TFF		TF	TBB	TBD	TBE	TDE	TDF	TDE	A1		25-May-00	27-Jun-01	RAYMOND	MOTORS (1998) CO. LTD.	2744201	
2001	1FTW31F01	82.88 TFF		TF	TBC	TBD	TBE	TDE	TDF	TDE	A1		16-Jan-01	4-May-01	CAM CLARK	FORD SALES LTD.	027496A	
2001	1F0AF37F01	80 TFF		TF	TBB	TBD	TBE	TDE	TDF	TDE	A1		25-Feb-01	27-Jun-01	MACLIN	FORD SALES	5335901	
2001	1FTW31F01	23.87 TFF		TF	TBD	TBD	TBE	TDE	TDF	TDF	A1		29-Nov-00	19-Nov-01	LAMB	FORD SALES LTD	7202701	
2001	1FTW21F01	78.82 TFF		TF	TBC	TBD	TBE	TDE	TDF	TDE	A1		4-Jun-01	31-Oct-01	CROWNFOOT	FORD SALES LIMITED	104355A	
2001	1FTW21F11	22.19 TFF		TF	TBD	TBD	TBE	TDE	TDF	TDF	A1		31-Oct-00	1-Jan-01	HARWOOD	FORD SALES LTD	4428201	
2001	1F03N47F01	74.68 TFF		TF	TBC	TBD	TBE	TDE	TDF	TDF	A1		23-Aug-00	28-Nov-00	WOODRIDGE	FORD LINCOLN LTD	80222907	
2001	1FTWV33F4	80.83 TFF		TF	TBC	TBD	TBE	TDE	TDF	TDE	A1		21-Jul-01	26-Jul-01	LACONNE	FORD SALES LTD	062112C	
2001	1FTW33F01	25.28 TFF		TF	TBB	TBD	TBE	TDE	TDF	TDE	A1		25-Mar-01	8-Nov-01	HARWOOD	FORD SALES LTD	4481701	
2001	1F0AF37F41	39.14 TFF		TF	TBD	TBD	TBE	TDE	TDF	TDF	A1		8-Apr-01	30-Apr-01	PEACE RIVER	FORD SALES INC.	2278201	
2001	1FTW31F01	14.82 TFF		TF	TBD	TBD	TBE	TDE	TDF	TDE	A1		23-Feb-01	3-Apr-01	JERRY FORD	SALES LTD	4018401	
2001	1F03F47F11	83.34 TFF		TF	TBB	TBD	TBE	TDE	TDF	TDF	A1		13-Feb-01	5-Apr-01	JERRY FORD	SALES LTD	4537701	
2001	1FTWV33F4	79.59 TFF		TF	TBC	TBD	TBE	TDE	TDF	TDE	A1		27-Mar-01	18-Apr-01	HARWOOD	FORD SALES LTD	4867204	
2001	1F0AF37F01	75.59 TFF		TF	TBB	TBD	TBE	TDE	TDF	TDF	A1		14-Sep-00	17-Jan-01	NORRIS BROTHERS	FORD SALES LTD	017241D	

PERS-044 27296

PH_NUM	WDS_CD	PART_NUM_C	PART_NUM_C	PART_NUM_C	CUST_CONG	COND_CD	RPR_DT	TIS_YR	CLM_YR	MISC	MTRL_COST	TOT_COST_G	LBA_YR	DLR_CD	DLR_SUB_CD	REGION_CD
PH_NUM	WDS_CD	AUG_PRRF	AUG_BASE	AUG_SUPT	CD	COND_CD	RPR_DT	TIS_YR	CLM_YR	MISC	MTRL_COST	RD68	LBA_YR	DLR_CD	DLR_SUB_CD	REGION_CD
7878700	ST01	1C32	9F330	BA	D80	1	17-Apr-01	8	1218008	8	78.00	103.56	8.5	4373		NA
5785191	ST01	1C32	9F330	BA	D80	42	20-Jul-01	7	2480730	11008	78.00	247.18	3.1	7283		NA
8022811	ST01	1C32	9F330	BA	D80	42	28-Sep-01	8	4884230	10049	78.00	137.17	1	7482		NA
5701	ST01	1C32	9F330	BA	D80	42	28-Feb-02	11	7907816	9540	68.28	183.20	2	43278		NA
5701	ST01	1C32	9F330	BA	D80	42	17-Sep-02	17	11031718	3884	65.81	188.07	1.1	80378		WTD
2867400	ST01	1C32	9F330	BA	D80	42	28-Oct-02	17	11838004	32372	61.32	134.85	1	9021		NA
2867400	ST01	1C32	9F330	BA	A28	42	2-Nov-02	28	11808488	37014	61.32	102.83	0.4	9021		NA
8494418	ST01	PH12	9F330	AB	D80	42	21-Oct-00	9	288288	6	60.00	124.23	0.9	88254		NA
8484460	ST01	PH12	9F330	AB	D80	42	16-Jan-01	6	828044	8778	60.00	84.84	0.2	88032		NA
7917911	ST01	1C32	9F330	BA	A90	42	6-Feb-01	1	748241	703	66.4	187.03	1.7	58281		NA
4828411	ST01	1C32	9F330	BA	D80	42	9-Feb-01	0	823887	12	66.4	280.7	2.2	80270		NA
8234288	ST01	1C32	9F330	BA	D80	42	4-Apr-01	4	1214888	6867	66.4	182.59	1.9	88234		NA
8012800	ST01	1C32	9F330	BA	D80	42	9-Apr-01	3	1472432	711	66.4	188.88	2.4	80240		NA
4888888	ST01	1C32	9F330	BA	D80	42	4-May-01	5	1488177	6884	66.4	190.30	1.3	88280		NA
8828000	ST01	1C32	9F330	BA	D80	42	8-May-01	3	1888214	4281	66.4	224.81	2.8	88248		NA
8828000	ST01	1C32	9F330	BA	D80	42	18-May-01	1	1888882	1218	66.4	187.78	1.4	88280		NA
8828000	ST01	1C32	9F330	BA	D80	42	4-Jun-01	0	2878787	8	66.4	187.0	1.6	88249		NA
7828811	ST01	1C32	9F330	BA	D21	42	8-Jun-01	0	2148721	6	66.4	248.17	3.7	88277		NA
3488881	ST01	1C32	9F330	BA	D21	42	8-Jun-01	4	1828448	11883	66.4	288.45	4.2	88723		NA
3828048	ST01	1C32	9F330	BA	D28	42	10-Jul-01	1	2821781	368	63.4	180	2.3	88021		NA
2828211	ST01	1C32	9F330	BA	D38	42	10-Jul-01	5	2815088	6285	66.4	238.06	3.4	88080		NA
3428873	ST01	1C32	9F330	BA	D13	42	28-Jul-01	2	2278881	7412	66.4	147.71	1.2	88804		NA
4888411	ST01	1C32	9F330	BA	D38	42	19-Aug-01	4	2813441	8	66.4	248.44	3.1	88270		NA
8842841	ST01	1C32	9F330	BA	D38	42	19-Aug-01	4	2813441	8	66.4	248.44	3.1	88270		NA
8888887	ST01	PH12	9F330	AB	D80	28	21-Aug-01	11	3171887	27887	63.4	183.44	1.6	88234		NA
4888880	ST01	1C32	9F330	BA	D38	42	27-Aug-01	9	3273885	54278	66.4	118.82	0.7	88210		NA
8888278	ST01	1C32	9F330	BA	D80	28	5-Sep-01	10	3708883	18888	66.4	126.41	0.7	88827		NA
7284441	ST01	1C32	9F330	BA	D80	42	13-Sep-01	8	3187270	11240	63.4	134.56	1	88887		NA
8728411	ST01	1C32	9F330	BA	D20	1	17-Sep-01	3	3488377	8278	63.4	150.43	0.2	88847		NA
2881118	ST01	1C32	9F330	BA	D60	42	24-Sep-01	2	3881818	3875	66.4	307.45	4.1	88280		NA
8488880	ST01	1C32	9F330	BA	D80	42	28-Sep-01	1	4018887	88	66.4	151.07	2	88248		NA
8872834	ST01	1C32	9F330	BA	D81	42	14-Oct-01	7	5734400	28888	108.18	151.87	0.4	88288		NA
4888411	ST01	PH12	9F330	AB	D80	42	28-Oct-01	14	5883888	50187	494.18	782.35	4.8	88270		NA
2882211	ST01	1C32	9F330	BA	D38	42	13-Dec-01	0	5766743	10618	64.3	227.83	1.6	88880		NA
8701	ST01	1C32	9F330	BA	D38	42	28-Dec-01	8	6038888	10887	66.4	268.87	4.8	88887		NA
3488881	ST01	1C32	9F330	BA	D80	42	12-Jan-02	12	6348888	48880	66.4	225.41	3	88782		NA
8428438	ST01	1C32	9F330	BA	D11	42	23-Jan-02	11	6388743	24008	66.4	906.42	6.3	88280		NA
3838211	ST01	1C32	9F330	BA	D60	42	28-Jan-02	16	8488888	18200	67.46	238.3	2.8	88880		NA
2884838	ST01	1C32	9F330	BA	D80	48	12-Feb-02	8	7883221	8708	67.68	170.68	1.8	88880		NA
5288880	ST01	1C32	9F330	BA	D21	42	25-Feb-02	10	7888773	4480	67.68	148.4	1.1	88888		NA
4888411	ST01	PH12	9F330	AB	D80	42	28-Feb-02	17	7887881	38148	66.4	244.67	3	88270		NA
4842800	ST01	1C32	9F330	BA	D21	42	7-Mar-02	12	7288884	18417	67.68	138.84	1	88220		NA
7888881	ST01	1C32	9F330	BA	D41	42	10-Apr-02	13	6888882	38833	67.68	134.28	1	88257		NA
4888300	ST01	1C32	9F330	BA	D41	42	12-Apr-02	13	8218888	60803	67.68	158.5	1.4	88210		NA
8424438	ST01	1C32	9F330	BA	D41	42	23-Apr-02	14	8188888	11831	67.68	143.82	1	88223		NA
7917911	ST01	1C32	9F330	BA	A68	42	28-Apr-02	10	8348828	16311	67.68	288.44	3.8	88281		NA
4888880	ST01	1C32	9F330	BA	D41	42	1-May-02	17	8811888	19843	67.68	288.88	3.8	88280		NA
8828000	ST01	1C32	9F330	BA	D21	42	3-May-02	18	8448800	73828	67.68	122.48	0.6	88280		NA
8828411	ST01	PH12	9F330	AB	D41	42	4-Jun-02	11	8888888	24883	66.4	108.12	0.3	88830		NA
8828880	ST01	1C32	9F330	BA	D80	42	4-Jun-02	12	8888888	28888	67.68	141.91	1	88830		NA
7784777	ST01	1C32	9F330	BA	D43	42	12-Jun-02	12	8813487	42123	67.68	210.32	2.8	88234		NA
7828284	ST01	1C32	9F330	BA	D10	42	14-Jun-02	15	8838882	7738	67.68	158.82	1	88278		NA
8488880	ST01	1C32	9F330	BA	D80	42	18-Jun-02	14	8813482	37182	67.68	128.84	0.7	88248		NA
2828101	ST01	1C32	9F330	BA	D21	42	25-Jun-02	13	8424104	27177	67.68	188.88	1.8	88880		NA
8728411	ST01	1C32	9F330	BA	D28	42	27-Jun-02	8	8824023	6888	67.68	128.88	0.8	88247		NA
2881118	ST01	1C32	9F330	BA	D50	42	2-Jul-02	8	8827183	14825	67.68	128.88	1.8	88880		NA
3828880	ST01	1C32	9F330	AA	D80	42	19-Jul-02	18	8888882	48888	68.24	111.37	0.8	88280		NA
2838211	ST01	PH12	9F330	AB	D80	42	23-Jul-02	21	8882790	38841	66.4	171.48	1.8	88880		NA
7888881	ST01	1C32	9F330	BA	D38	42	6-Aug-02	13	8828888	18888	66.4	188.88	1.8	88277		NA
3828880	ST01	1C32	9F330	BA	D28	42	18-Aug-02	18	8827168	13308	66.4	181.88	1.2	88228		NA
8248480	ST01	1C32	9F330	BA	D80	42	28-Aug-02	17	8888887	88888	66.4	182.01	1	88288		NA
7284441	ST01	1C32	9F330	BA	D88	42	30-Aug-02	18	1088888	27280	66.4	110.23	0.3	88887		NA
7284441	ST01	1C32	9F330	BA	D13	42	18-Sep-02	18	8827487	28803	66.4	167.81	1.2	88887		NA
3828880	ST01	1C32	9F330	BA	D28	42	28-Sep-02	18	1084288	47368	66.4	173.81	1.8	88228		NA
8424430	ST01	1C32	9F330	BA	D88	42	27-Sep-02	21	11873878	48840	66.4	171.12	1.7	88283		NA



ST_PROV_CD	CPRO_CD_4	TECH_TKT1	TRDI_TKT2	QUBT_TXT	AREA_CD	COUNTRY_CD	SALE_DUR_CD	TRN_CD	ENTRY_SOLD	CRY_CD	VPO_CD	MAN_VL_CD	VRT_CD	TRN_FLAG
*		31801 NEED TO		C @ WILL NOT	880 *		123480		1 USA		V44	F7	811	
*		31801 RUN		CUSTOMER	841 *		174888		1 USA		V44	F7	811	
*		31801 INSPECT CEL		C @ SERVICE	281 *		123782		1 USA		V44	F7	811	
*		31801 DOWN FAST		ENGINE			121404		2 USA		V41	F7	811	
*		31801 DRAB		GAS PEDAL	QUAN		128817 884		1 USA		V44	F7	811	
*		31801 CODES P0122		CUSTOMER	304 *		147484 884		1 USA		V44	F7	811	
*		31801 FUEL PEDAL		C @ VEHICLE	304 *		147412 872		1 USA		V41	F7	811	
AS		31801 DIAGNOSE		ENGINE RUNS	780 CAN		488284		2 CAN		V44	F7	811	
AS		31801 REPLACED		FOOR	780 CAN		488282		2 CAN		V44	F7	811	
AS		31801 DO DIESEL		REPAIR FOR	780 CAN		488288		2 CAN		V88	F7	800	
AS		31801 INSPECT,		VEHICLE CUT	780 CAN		488270		1 CAN		V43	F7	811	
AS		31801 142H 1,4HR	SENSE R	REPAIR FOR	780 CAN		488284		1 CAN		V44	F7	811	
AS		31801 ENG PERF		CHECK	403 CAN		488282		2 CAN		V44	F7	811	
AS		31801 142D 8EC	CM 788	REPAIR WHN	780 CAN		448128		2 CAN		V44	F7	811	
AS		31801 PERFORMED	ST	WHEN FOOT	780 CAN		488246		1 CAN		V88	F7	808	
AS		31801 INSPECT FOR		INSPECT FOR	780 CAN		488280		1 CAN		V44	F7	811	
AS		31801 ELECTRICAL		REPAIR LACK	780 CAN		488248		1 CAN		V41	F7	811	
AS		31801 CHECK FOR		CHECK FOR	403 CAN		488277		1 CAN		V42	F7	811	
AS		31801 MAL Y RL CUT	L	STOP ON GAS	403 CAN		488277		2 CAN		V42	F7	811	
AS		31801 QT, PINPOINT		CHECK	780 CAN		448221		2 CAN		V44	F7	811	
AS		31801 CHECK FOR		WHEN UNDER	403 CAN		488248		2 CAN		V41	F7	811	
AS		31801 PERF. TESTS		CHECK	403 CAN		488288		2 CAN		V40	F7	811	
AS		31801 INSPECT FOR	ITS ON AP	ENG REPAIR	780 CAN		488270		1 CAN		V41	F7	811	
AS		31801 CHECK DIAG		GOES INTO	780 CAN		888128	824	CAN		V44	F7	811	
AS		31801 VEHICLE		CHECK	780 CAN		888284	824	CAN		V44	F7	811	
AS		31801 CHECK AND		PLEASE	780 CAN		488210	872	CAN		V41	F7	811	
AS		31801 DIAG FOUND		REPAIR FOOT	780 CAN		488281	824	CAN		V44	F7	811	
AS		31801 CHECK FOR		NO	780 CAN		488281		2 CAN		V44	F7	811	
AS		31801 REPLACE THE		BRAKE PEDAL	780 CAN		488247		2 CAN		V28	F7	810	
AS		31801 8748 WDS		GARBISH	403 CAN		488280		1 CAN		V44	F7	811	
AS		31801 SUSPECTED		REPAIR FOR	403 CAN		488248		2 CAN		V44	F7	811	
AS		31801 R/R		ACCELERATO	780 CAN		488288	834	CAN		V71	F7	808	
AS		31801 INSPECT FOR	SYSTEM OK	INSPECT AND	780 CAN		484788	834	CAN		V44	F7	811	
AS		31801 SCC TEST		REPAIR FOR	403 CAN		448240		2 CAN		V84	F7	811	
AS		31801 CID	K	DIAG AND	CAN		488287		1 CAN		V41	F7	811	
AS		31801 ENGINE		REPAIR FOR	403 CAN		488218	872	CAN		V44	F7	811	
AS		31801 CHECK AND		CHECK	780 CAN		488248	824	CAN		V40	F7	811	
AS		31801 DIAGNOSE		CHECK FOR	403 CAN		488245	824	CAN		V44	F7	811	
AS		31801 DRAB,	OK	CHECK	403 CAN		488288		2 CAN		V44	F7	811	
AS		31801 ROAD		BOGG OUT ON	780 CAN		488284		2 CAN		V42	F7	811	
AS		31801 CHANGE	AT THE IDLE	INSPECT ADN	780 CAN		484786	824	CAN		V44	F7	811	
AS		31801 3888 8F8H		REPAIR FOR	780 CAN		488270	824	CAN		V42	F7	811	
AS		31801 VERIFY		DIAGNOSE	403 CAN		488287	824	CAN		V41	F7	811	
AS		31801 ACCELER	BARRED	CHECK AND	780 CAN		488270	872	CAN		V41	F7	811	
AS		31801 DIAGNOSTIC		HESITATES	780 CAN		488180	824	CAN		V41	F7	811	
AS		31801 DRAB	SEC FARE	REPAIR FOR	780 CAN		488242	824	CAN		V17	F7	808	
AS		31801 3084E		ADD OP IK	780 CAN		448128	824	CAN		V40	F7	811	
AS		31801 REPAIR FOR		INSPECT FOR	780 CAN		488280	872	CAN		V42	F7	811	
AS		31801 REPLACED		REPAIR	780 CAN		488288	824	CAN		V41	F7	811	
AS		31801 TESTED AND		LOCSSE	780 CAN		448782	824	CAN		V44	F7	811	
AS		31801 FOUND		DIAGNOSE	780 CAN		488288	872	CAN		V41	F7	811	
AS		31801 HOOD UP		NO	403 CAN		488278	824	CAN		V40	F7	811	
AS		31801 VERIFIED		DO CHECK	403 CAN		488228	824	CAN		V44	F7	811	
AS		31801 80 THROUGH		VECH IS	403 CAN		488280	824	CAN		V42	F7	811	
AS		31801 SEC CHECK		CHECK	780 CAN		488247		2 CAN		V44	F7	811	
AS		31801 24012 OPEN		CHECK AND	403 CAN		488288	824	CAN		V44	F7	811	
AS		31801 VERIFY		CHECK	403 CAN		488277	872	CAN		V44	F7	811	
AS		31801 CHECK FOR	OR PEDAL	REPAIR FOR	403 CAN		448240	824	CAN		V47	F7	811	
AS		31801 DIAG SYSTEM		CHECK FOR	403 CAN		488277	824	CAN		V41	F7	811	
AS		31801 VERIFY		INSPECT FOR	403 CAN		488228	824	CAN		V44	F7	811	
AS		31801 DIAGNOSE		DIAGNOSE	780 CAN		888288	872	CAN		V44	F7	811	
AS		31801 VERIFY		ACCEL PEDAL	780 CAN		448218	824	CAN		V44	F7	811	
AS		31801 ROAD TEST	TEGRITY,	RUNS ROUGH	780 CAN		488288	872	CAN		V40	F7	811	
AS		31801 VERIFY		RED LIGHT	403 CAN		488280	872	CAN		V44	F7	811	
AS		31801 CHECKED AP		ENGINE	780 CAN		488210	872	CAN		V44	F7	811	

2001	1FTAW21F41E	23.18	TFF?	TF	TBC	TBC	TE	TDB	TDB	A1	24-Jun-01	34-Jun-01	HARRWOOD FORD SALES LTD	488801
2001	1FDWY37F91E	37.14	TFF?	TF	TBC	TCD	TE	TDB	TDB	A1	21-Aug-00	19-Sep-00	RAINBOW FORD SALES INC.	027344A
2001	1FTN021F21E	37.88	TFF?	TF	TBC	TBC	TE	TDB	TDB	A1	15-Nov-00	21-Jun-01	NORRIS BROTHERS FORD SALES LTD	087430B
2001	1FTW001F11E	113.28	TFF?	TF	TBC	TCD	TE	TDB	TDB	A1	18-Sep-00	28-Jun-01	CROWNFOOT FORD SALES LIMITED	110072A
2001	1FTBWA1F21E	81.87	TFF?	TF	TBC	TCD	TE	TDB	TDB	A1	8-Mar-01	8-Mar-01	BRIGHTSIDE FORD SALES LTD	8773401
2001	1FTBVA1F41E	89.17	TFF?	TF	TBC	TCD	TE	TDB	TDB	A1	17-Oct-00	9-Nov-00	RANDLAND FORD SALES INC.	897102
2001	1FTBWA1F11E	87.38	TFF?	TF	TBC	TCD	TE	TDB	TDB	A1	2-Mar-01	9-Oct-01	DUNLOP FORD SALES LTD	091990A
2001	1FTBQ21F61E	74.88	TFF?	TF	TBC	TBD	TE	TDB	TDB	A1	8-Nov-00	29-Mar-01	WOODBRIDGE FORD LINCOLN LTD	01288201
2001	1FDAP17F71E	36.12	TFF?	TF	TBC	TBE	TE	TDB	TAF	A1	4-May-01	4-Jun-01	CARSTAIRS FORD SALES LTD.	082315A
2001	1FDAP17F81E	24.88	TFF?	TF	TBC	TBE	TE	TDB	TAF	A1	29-Aug-00	20-Oct-00	FREEDOM FORD SALES LIMITED	28042705
2001	1FDQF46F31E	48.28	TFF?	TF	TBC	TBE	TE	TDB	TAF	A1	16-Feb-01	21-Mar-01	LADONIS FORD SALES LTD	038034A
2001	1FTN001FK1E	87.35	TFF?	TF	TBC	TBD	TE	TDB	TDB	A1	18-Jun-01	4-Jul-01	JIM HANSEN'S GATEWAY FORD LINC	072398A
2001	1FDAM17F71E	184.03	TFF?	TF	TBC	TBE	TE	TDB	TAF	A1	20-Apr-01	4-Jun-01	EUCHARNE MOTORS LTD	04478701
2001	1FDAP17F81E	46.48	TFF?	TF	TBC	TBE	TE	TDB	TAF	A1	23-Feb-01	28-Jul-01	JERRY FORD SALES LTD	430750E
2001	1FTN021F41E	27.08	TFF?	TF	TBC	TBD	TE	TDB	TDB	A1	3-Dec-00	29-Dec-00	SPURGLAND FORD SALES LTD.	12882101
2001	1FDQF47F11E	25.33	TFF?	TF	TBC	TBE	TE	TDB	TDB	A1	20-Oct-00	4-Dec-00	WINDSOR MOTORS 1878 LTD.	4070901
2001	1FTN021F31E	73.99	TFF?	TF	TBC	TBD	TE	TDB	TDB	A1	18-Mar-01	8-Apr-01	DUNLOP FORD SALES LTD	080804C
2001	1FTN020F41E	77.55	TFF?	TF	TBC	TBD	TE	TDB	TDB	A2	23-Apr-01	14-Jun-01	WOODBRIDGE FORD LINCOLN LTD	02722901
2001	1FTW002F31E	15.5	TFF?	TF	TBC	TCD	TE	TDB	TDB	A1	18-Jun-01	18-May-01	RAINBOW FORD SALES INC.	038088A
2001	1FTW021F21E	52.41	TFF?	TF	TBC	TBD	TE	TDB	TDB	A1	6-Oct-00	18-Oct-00	CROWNFOOT FORD SALES LIMITED	120140A
2001	1FTBUC1F81E	77.17	TFF?	TF	TBC	TCD	TE	TDB	TDB	A1	18-Sep-00	17-Aug-01	CAL WORTHINGTON FORD	14128301
2001	1FTW011F31E	55	TFF?	TF	TBC	TCD	TE	TDB	TDB	A1	24-Feb-01	8-Apr-01	SEKONS FLM INC	20380501
2001	1FTB021F81E	87.34	TFF?	TF	TBC	TCD	TE	TDB	TDB	A1	29-Feb-01	18-Apr-01	STEP P BROTHERS LINCOLN-MERCURY	30080402
2001	2FY0W01F41E	59.50	TFF?	TF	TBC	TCD	TE	TDB	TDB	A2	24-Jun-01	14-Jun-01	STEP P BROTHERS LINCOLN-MERCURY	30081901
2001	1FTW011F71E	114.43	TFF?	TF	TBC	TCD	TE	TDB	TDB	A1	24-Aug-00	18-Sep-00	SEKONS FORD LINCOLN-MERC INC	12888701
2001	1FTW002F41E	83.26	TFF?	TF	TBC	TCD	TE	TDB	TAF	A1	1-Nov-00	16-Feb-01	SEKONS FORD LINCOLN-MERC INC	13584901
2001	1FTN021F81E	70.8	TFF?	TF	TBC	TBD	TE	TDB	TDB	A1	25-May-01	11-May-01	CAL WORTHINGTON FORD	1857303
2001	1FD00047F41E	76.8	TFF?	TF	TBC	TBD	TE	TDB	TDB	A1	28-Oct-00	22-Dec-00	SEKONS FLM INC	01386901
2001	1FTW021F81E	76.8	TFF?	TF	TBC	TBD	TE	TDB	TDB	A1	7-Jan-01	5-Mar-01	SEKONS FLM INC	20544801
2001	1FD00047F41E	326.88	TFF?	TF	TBC	TBD	TE	TDB	TDB	A1	20-Feb-01	24-Apr-01	KARLSON MOTORS INC	8494
2001	1FDAM17F91E	89	TFF?	TF	TBC	TBE	TE	TDB	TDB	A1	6-Feb-01	18-Mar-01	SEKONS FLM INC	20582801
2001	1FTN021F81E	78	TFF?	TF	TBC	TBD	TE	TDB	TDB	A1	15-Feb-01	8-Apr-01	MYE FRONTIER FORD, INC.	0211801
2001	1FTN20F81E	78.4	TFF?	TF	TBC	TBD	TE	TDB	TDB	A1	19-Nov-00	9-Dec-00	FREEDOM FORD-MERCURY	050961
2001	1FTW02FX1E	48.41	TFF?	TF	TBC	TCD	TE	TDB	TAF	A1	26-Nov-00	7-Dec-00	TOWNSEND FORD INC	138270A
2001	1FTN021F81E	73.94	TFF?	TF	TBC	TBD	TE	TDB	TDB	A1	18-Sep-00	4-Oct-00	SALES FORD INC	3628001
2001	1FTN20FX1E	126.04	TFF?	TF	TBC	TBD	TE	TDB	TAF	A1	1-Sep-00	6-Jan-01	ECKENROD FORD LINCOLN MERCURY	1458101
2001	1FTN021F71E	107.1	TFF?	TF	TBC	TBD	TE	TDB	TDB	A1	9-Feb-01	20-May-01	COASTAL FORD	322431
2001	1FDXW08F01E	48.03	TFF?	TF	TBC	TDB	TE	TDB	TDB	A1	13-Feb-01	9-Mar-01	KING FORD LINCOLN MERCURY	11001301
2001	1FDW17F71E	81.81	TFF?	TF	TBC	TCD	TE	TDB	TAF	A1	26-Jan-01	27-Feb-01	MOORE-STEWART FORD	040884A
2001	1FDAM18F31E	230	TFF?	TF	TBC	TBE	TE	TDB	TAF	A1	14-Dec-00	30-Dec-00	JOHNSON FORD, INC.	273001
2001	1FTN021F21E	178.87	TFF?	TF	TBC	TBD	TE	TDB	TDB	A1	18-Dec-00	20-Dec-00	KING FORD LINCOLN MERCURY	11118801
2001	1FTW002F01E	45.41	TFF?	TF	TBC	TCD	TE	TDB	TDB	A1	27-Sep-00	26-Mar-01	TOWNSEND FORD INC	149611A
2001	1FTN021F11E	80.88	TFF?	TF	TBC	TBD	TE	TDB	TAF	A1	8-Oct-00	20-Nov-00	JOE BARTAN FORD INC.	17180201
2001	1FTW132F21E	83.84	TFF?	TF	TBC	TCD	TE	TDB	TDB	A1	8-Dec-00	21-Dec-00	WOODY ANDERSON FORD	7330831
2001	1FTN021F21E	83.61	TFF?	TF	TBC	TBD	TE	TDB	TDB	A1	17-Apr-01	16-Jun-01	BONDY B FORD, INC.	8477822
2001	1FTN031F21E	83.8	TFF?	TF	TBC	TBD	TE	TDB	TDB	A1	18-Apr-01	27-Aug-01	FAMILY FORD SALES, INC.	2810081
2001	1FTN021F01E	129.19	TFF?	TF	TBC	TBD	TE	TDB	TDB	A1	18-Oct-00	21-Oct-00	COASTAL FORD	1322781
2001	1FTW022F71E	227.82	TFF?	TF	TBC	TCD	TE	TDB	TDB	A1	13-Mar-01	26-May-01	COASTAL FORD	1410051
2001	1FDW009F31E	277.03	TFF?	TF	TBC	TCD	TE	TDB	TAF	A1	26-Jan-01	8-Feb-01	TREADHILL FORD	27437901
2001	1FDW037F21E	30.83	TFF?	TF	TBC	TCD	TE	TDB	TAF	A1	5-Feb-01	23-Feb-01	DAVID MOHNEY FORD INC	008811A
2001	1FDW18F41E	43.88	TFF?	TF	TBC	TCD	TE	TDB	TAF	A1	21-May-01	2-Oct-01	TOWH & COUNTRY FORD	281806A
2001	1FTN20F81E	49.8	TFF?	TF	TBC	TBD	TE	TDB	TAF	A1	2-Jan-01	8-Aug-01	RONNIE WATKINS FORD	082538A
2001	1FDQF46F10E	203.17	TFF?	TF	TBC	TDB	TE	TDB	TAF	A1	27-May-01	30-Oct-01	TREADWELL FORD	28088801
2001	1FDXW07F01E	248.34	TFF?	TF	TBC	TDB	TE	TDB	TAF	A1	13-Jan-01	28-Aug-01	LONG-LIBBY FORD	23776201
2001	1F8U18F81E	118.28	TLL?	TF	TBC	TBD	TE	TDB	TDB	A1	27-Aug-01	13-Jun-01	KING FORD LINCOLN MERCURY	18064001
2001	1FDAM18F11E	82	TFF?	TF	TBC	TBE	TE	TDB	TDB	A1	6-Dec-00	18-Dec-00	ALABAMA POWER CO - AMFORD	0728101
2001	1FTW022F41E	92	TFF?	TF	TBC	TCD	TE	TDB	TDB	A1	3-Jan-01	8-Jan-01	BARBER-FREEMAN AUTOMOTIVE, INC	2470901
2001	1FTW021F41E	48.3	TFF?	TF	TBC	TBD	TE	TDB	TDB	A1	23-Feb-01	20-Mar-01	JIM COOK FORD INC	792781
2001	1FDAP17F91E	89.89	TFF?	TF	TBC	TBE	TE	TDB	TAF	A1	27-Feb-01	27-Mar-01	WOODY ANDERSON FORD	9457851
2001	1FTN021F81E	297.83	TFF?	TF	TBC	TBD	TE	TDB	TDB	A1	20-Sep-00	2-Oct-00	BONDY'S FORD, INC.	1069751
2001	1FTW022F41E	82.84	TFF?	TF	TBC	TCD	TE	TDB	TAF	A1	20-Nov-00	14-Dec-00	WOODY ANDERSON FORD	0823782
2001	1FTW02FX1E	53.87	TFF?	TF	TBC	TCD	TE	TDB	TAF	A1	28-Nov-00	7-Dec-00	TOWNSEND FORD INC	1828781
2001	1FTN021F81E	245.27	TFF?	TF	TBC	TBD	TE	TDB	TDB	A1	5-Apr-01	23-Jun-01	LONG-LIBBY FORD OF THE SHOALS	18128801
2001	1FDAM17F21E	70.05	TFF?	TF	TBC	TBE	TE	TDB	TAF	A1	29-Jan-01	27-Jul-01	BREWST MCCARTY FORD INC	12249704
2001	1FTN021F41E	108	TFF?	TF	TBC	TBD	TE	TDB	TDB	A1	4-Oct-00	18-Oct-00	BONDY'S FORD, INC.	1363881
2001	1FTW022F71E	32.71	TFF?	TF	TBC	TCD	TE	TDB	TDB	A1	26-Jun-01	18-Mar-01	BARBER-FREEMAN AUTOMOTIVE, INC	2501802
2001	1FDW17F81E	100.58	TFF?	TF	TBC	TCD	TE	TDB	TDB	A1	23-Feb-01	13-Aug-01	COASTAL FORD	3403881
2001	1FDW17F91E	267.28	TFF?	TF	TBC	TCD	TE	TDB	TAF	A1	23-Feb-01	1-Mar-01	KING FORD LINCOLN MERCURY	12770821

3429000 ST01	1C3Z	SP328	BA	080	33	7-Oct-02	18	1189108	14821	88.4	118.24	0.5	86229	*	NA
3429073 ST01	PN1Z	SP328	AB	D80	42	8-Oct-02	25	11173259	37908	88.4	126.68	0.5	86198	*	NA
3429400 ST01	1C3Z	SP328	BA	D80	42	10-Oct-02	16	11841490	20017	88.4	138.62	1.3	86263	*	NA
3381118 ST01	PN1Z	SP328	AB	D80	42	15-Oct-02	45	11233841	34028	88.4	212.58	2.3	86200	*	NA
3429048 ST01	1C3Z	SP328	BA	D82	42	16-Oct-02	20	11880031	88934	88.4	188.01	1.5	86251	*	NA
8623134 ST01	1C3Z	SP328	BA	D36	42	26-Oct-02	24	11488787	88780	88.4	181.28	2.3	86244	*	NA
3388811 ST01	1C3Z	SP328	BA	D80	42	26-Oct-02	43	11434157	21785	88.4	188.65	3	86124	*	NA
3429211 ST01	1C3Z	SP328	BA	P84	42	2-Oct-02	21	11839001	86738	88.4	170.23	1.4	86280	*	NA
3373583 ST01	1C3Z	SP328	BA	D81	42	13-Jan-02	20	12435970	1382	88.4	188.78	1.3	86288	*	NA
4889411 ST01	PN1Z	SP328	AB	D39	42	21-Jan-02	28	12050537	55795	78.18	102.34	0.8	86276	*	NA
7828111 ST01	1C3Z	SP328	BA	D82	42	10-Feb-02	24	12017510	84544	88.4	138.62	1.1	86277	*	NA
5394344 ST01	1C3Z	SP328	BA	D80	42	24-Mar-02	21	12186657	88121	88.4	184.28	1.8	86210	*	NA
8693278 ST01	1C3Z	SP328	BA	D39	42	15-Mar-02	22	12653655	35523	164.05	275.34	2.1	86222	*	NA
7234441 ST01	1C3Z	SP328	BA	H82	42	23-Mar-02	21	12612782	26795	88.4	143.26	0.8	86087	*	NA
7784777 ST01	1C3Z	SP328	BA	D88	42	23-Apr-02	30	14038403	81438	88.4	119.11	0.8	86234	*	NA
5328690 ST01	1C3Z	SP328	BA	D81	42	24-Apr-02	32	14089737	25173	88.4	181.88	0.3	86028	*	NA
3088891 ST01	1C3Z	SP328	BA	D82	42	2-Jul-02	27	14005494	43933	88.4	172.8	1.7	86124	*	NA
8538211 ST01	1C3Z	SP328	BA	D39	42	13-Jun-02	38	18723805	18100	88.4	177.88	1.4	86220	*	NA
1453879 ST01	2C3Z	SP328	DE	D80	42	19-Jun-02	28	14848080	32688	88.4	74.45	0.4	86188	*	NA
3381118 ST01	1C3Z	SP328	BA	D80	42	28-Jul-02	34	18328188	51348	88.4	148.21	1	86280	*	NA
2786300 ST01	PN1Z	SP328	AB	D80	28	19-Jun-02	0	890000	735	78.88	158.03	1	8616	*	NA
5701	1C3Z	SP328	BA	D39	42	18-Apr-01	1	3021482	41	78.88	163.88	1	1811	*	NA
2578600 ST01	1C3Z	SP328	BA	D88	28	18-Aug-01	8	4812888	5137	78.88	148.7	0.8	13082	*	NA
2578600 ST01	1C3Z	SP328	BA	D80	28	26-Sep-01	4	4861481	3541	78.88	138.23	0.7	13082	*	NA
4584300 ST01	PN1Z	SP328	AB	D81	42	29-Feb-02	18	7147881	24705	78.88	188.28	1.4	8621	*	NA
4584300 ST01	1C3Z	SP328	BA	D82	42	2-Apr-02	16	7644884	30888	80.84	148.23	0.8	8621	*	NA
3784300 ST01	1C3Z	SP328	BA	D39	42	30-May-02	13	9178883	14484	80.84	160.84	1	8618	*	NA
5701	1C3Z	SP328	BA	D80	42	13-Jun-02	18	9427887	27787	80.84	187.34	0.8	1811	*	NA
5701	1C3Z	SP328	BA	D82	42	24-Aug-02	18	10548843	30043	81.82	188.22	0.8	1461	*	NA
3328632 ST01	1C3Z	SP328	BA	D82	28	25-Aug-02	17	10807814	11387	83.82	409.36	4.7	8628	*	NA
5701	1C3Z	SP328	BA	D82	42	25-Sep-02	18	11088834	88887	81.82	248.83	0.8	1481	*	NA
3784300 ST01	1C3Z	SP328	BA	D80	41	19-Oct-02	19	11335438	34378	81.82	154.82	0.8	8711	*	NA
6274854 ST01	1C3Z	SP328	BA	D80	42	4-Jan-01	2	888881	2847	78.88	148.28	1.4	390	*	NA
7828401 ST01	1C3Z	SP328	BA	D80	42	15-Jan-01	2	881888	2846	78.88	124.27	0.8	488	*	NA
5744841 ST01	PN1Z	SP328	AB	D88	42	10-Feb-01	8	888887	17991	181.82	238.98	1.6	347	*	NA
7343351 ST01	PN1Z	SP328	AB	D80	42	8-Mar-01	2	1084887	6737	78.88	234.9	2.3	3608	*	NA
3444000 ST01	1C3Z	SP328	BA	D82	42	21-Apr-01	0	1888787	38	78.88	165.88	1.8	3628	*	NA
7867311 ST01	1C3Z	SP328	BA	D39	42	21-Mar-01	1	1039880	2148	78.88	124.88	0.8	271	*	NA
8782388 ST01	1C3Z	SP328	BA	D81	28	8-Apr-01	2	1328880	3418	78.88	170.27	1.8	888	*	NA
3882128 ST01	1C3Z	SP328	BA	D85	41	9-Apr-01	4	1388878	2128	78.88	208.88	4.8	8412	*	NA
7867111 ST01	1C3Z	SP328	BA	D36	42	24-Apr-01	4	1344887	13438	78.88	347.83	2.3	871	*	NA
7828401 ST01	PN1Z	SP328	AB	D88	42	17-May-01	3	1818788	7888	78.88	124.27	0.8	488	*	NA
3882128 ST01	1C3Z	SP328	BA	D81	42	23-Jun-01	8	2184880	7788	78.88	188.82	1.8	8732	*	NA
8284411 ST01	1C3Z	SP328	BA	D80	42	5-Jul-01	7	2288833	9123	78.88	140.8	1	8882	*	NA
7828171 ST01	1C3Z	SP328	BA	D38	42	18-Jul-01	2	2484781	3188	78.88	181.87	1.8	488	*	NA
7843881 ST01	1C3Z	SP328	BA	D80	42	7-Aug-01	0	3387884	10	78.88	134.28	1	3085	*	NA
3444000 ST01	1C3Z	SP328	BA	D80	42	19-Aug-01	10	3881884	18072	78.88	208.05	2.1	2828	*	NA
3444000 ST01	1C3Z	SP328	BA	D80	48	29-Aug-01	8	3211880	17228	78.88	308.48	3.3	3408	*	NA
4783381 ST01	1C3Z	SP328	BA	D88	42	8-Sep-01	7	348478	8048	78.88	368.81	4.8	8528	*	NA
8822281 ST01	1C3Z	SP328	BA	D81	28	28-Sep-01	8	4133382	18228	78.88	188.28	1.8	428	*	NA
4818878 ST01	1C3Z	SP328	BA	D88	42	2-Oct-01	0	4188853	91	78.88	142.21	1	3288	*	NA
8428488 ST01	1C3Z	SP328	BA	D39	42	28-Oct-01	3	4841876	8188	78.88	128.88	0.8	818	*	NA
4783381 ST01	1C3Z	SP328	BA	D39	42	8-Nov-01	1	5132888	403	78.88	282.05	3.3	8828	*	NA
8883878 ST01	1C3Z	SP328	BA	D80	42	12-Nov-01	3	508131	8188	78.88	335.1	4.1	328	*	NA
7867111 ST01	1C3Z	SP328	BA	D82	26	2-Jan-02	7	8184848	28188	80.84	187.17	2.3	271	*	NA
5701	1C3Z	SP328	BA	D10	42	25-Jan-02	14	7011843	17822	88.28	181.28	2.3	4173	*	NA
4878478 ST01	1C3Z	SP328	BA	D88	42	13-Feb-02	2	8448881	2181	80.84	113.84	0.8	388	*	NA
8873130 ST01	1C3Z	SP328	BA	D86	42	11-Feb-02	12	7418888	23884	80.84	127.84	1.1	8821	*	NA
8388441 ST01	1C3Z	SP328	BA	D88	42	22-Mar-02	13	7714888	24798	80.84	173.8	1.8	8482	*	NA
7828171 ST01	PN1Z	SP328	AB	D82	60	19-Apr-02	18	4942880	30848	78.88	218.78	4.3	488	*	NA
8388441 ST01	1C3Z	SP328	BA	D80	42	15-May-02	16	8888888	50138	80.84	142.88	1	8821	*	NA
7828401 ST01	1C3Z	SP328	BA	D81	28	3-Jun-02	18	8888884	58872	80.84	124.81	0.8	428	*	NA
3883881 ST01	1C3Z	SP328	BA	D88	42	8-Jul-02	18	8881888	38888	80.84	238.11	4.2	1821	*	NA
8833831 ST01	1C3Z	SP328	BA	D80	42	7-Jun-02	11	8128188	18882	80.84	188.87	1.1	882	*	NA
7828171 ST01	1C3Z	SP328	BA	D81	42	10-Jun-02	21	8181716	48888	80.84	182.84	1.7	888	*	NA
478478 ST01	PN1Z	SP328	AB	D88	42	13-Jun-02	18	8184888	28182	78.88	111.87	0.8	3888	*	NA
3444000 ST01	1C3Z	SP328	BA	D88	28	21-Jun-02	11	8488882	38876	80.84	181.88	1.8	8828	*	NA
7867111 ST01	1C3Z	SP328	BA	D88	42	25-Jul-02	18	8877476	28848	121.77	288.83	4.8	271	*	NA