

in tolfdif temp9baa tolares tolcomp

AUTO variables used for compensation

1 THI S42
2 BDE S44

S E N S I T I V I T Y A N A L Y S I S
RMS angular resolution (arc sec)

Zoom	Field	NOMINAL VALUE OF RMS angular resolution (arc sec)
1	1	0.060848
	2	0.062866
	3	0.064203
2	1	0.111457
	2	0.110537
	3	0.111753
3	1	0.350153
	2	0.347329
	3	0.337767

CHANGE IN PERFORMANCE = A*T**2 + B*T
(T = SCALE FACTOR FOR CHANGE)

MANUFACTURING ERROR TYPE CHANGE		CHANGES IN RMS angular resolution (arc sec) FOR PLUS AND MINUS MANUFACTURING ERRORS		COMPENSATORS THI S42 BDE S44	A	B
1 DLF S2	0.2000000			0.003444 -0.001369		
		1	1		0.000144	-0.000224
			2		0.000137	-0.000161
			3		0.000130	-0.000034
		2	1		0.000053	0.001407
			2		0.000058	0.001084
			3		0.000058	0.000873
		3	1		0.000000	-0.002158
			2		0.000000	-0.002147
			3		0.000011	-0.002094
2 DLF S4 2 DLF S39	4.0000000 C 4.0000000			0.022717 0.000042		
		1	1		0.000178	-0.000466
			2		0.000168	-0.000278
			3		0.000156	-0.000085
		2	1		0.000032	0.001798
			2		0.000021	0.001766
			3		0.000026	0.001698
		3	1		0.000005	0.001624
			2		0.000005	0.001571
			3		0.000011	0.001460
3 DLF S5 3 DLF S38	4.0000000 C 4.0000000			-0.022268 -0.000121		
		1	1		0.000164	0.000454
			2		0.000154	0.000277
			3		0.000143	0.000100
		2	1		0.000026	-0.001856
			2		0.000021	-0.001830
			3		0.000021	-0.001766
		3	1		0.000005	-0.001719
			2		0.000005	-0.001655
			3		0.000016	-0.001539
4 DLF S6 4 DLF S37	2.0000000 C 2.0000000			0.016027 -0.002212		
		1	1		0.000177	-0.000636
			2		0.000169	-0.000299
			3		0.000154	0.000155
		2	1		0.000048	0.001782
			2		0.000042	0.001682
			3		0.000037	0.001645
		3	1		0.000016	0.001507
			2		0.000016	0.001592
			3		0.000021	0.001661
5 DLF S7 5 DLF S36	2.0000000 C 2.0000000			-0.016887 0.002478		
		1	1		0.000118	0.000481
			2		0.000111	0.000274
			3		0.000102	0.000030
		2	1		0.000026	-0.001528
			2		0.000016	-0.001486
			3		0.000021	-0.001449
		3	1		0.000005	-0.001391
			2		0.000005	-0.001391
			3		0.000011	-0.001354
6 DLF S8 6 DLF S35	2.0000000 C 2.0000000			0.022191 -0.001216		
		1	1		0.000324	-0.001125
			2		0.000310	-0.000651

		3	0.000291	0.000274	0.000282	0.000008
	2	1	0.002644	-0.002517	0.000063	0.002581
		2	0.002517	-0.002401	0.000058	0.002459
		3	0.002454	-0.002348	0.000053	0.002401
	3	1	0.002380	-0.002338	0.000021	0.002359
		2	0.002465	-0.002422	0.000021	0.002443
		3	0.002528	-0.002465	0.000032	0.002496
7 DLF S9	2.0000000	C				
7 DLF S34	2.0000000				-0.022495	
					0.001135	
	1	1	0.001606	-0.000868	0.000369	0.001237
		2	0.001074	-0.000367	0.000353	0.000720
		3	0.000311	0.000332	0.000322	-0.000011
	2	1	-0.002644	0.002793	0.000074	-0.002718
		2	-0.002517	0.002644	0.000063	-0.002581
		3	-0.002465	0.002592	0.000063	-0.002528
	3	1	-0.002443	0.002507	0.000032	-0.002475
		2	-0.002549	0.002602	0.000026	-0.002576
		3	-0.002623	0.002687	0.000032	-0.002655
8 DLF S10	2.0000000	C				
8 DLF S33	2.0000000				0.024400	
					-0.004707	
	1	1	-0.000308	0.000729	0.000210	-0.000518
		2	-0.000136	0.000532	0.000198	-0.000334
		3	0.000013	0.000354	0.000184	-0.000171
	2	1	0.001999	-0.001925	0.000037	0.001962
		2	0.001989	-0.001925	0.000032	0.001957
		3	0.001936	-0.001872	0.000032	0.001904
	3	1	0.001893	-0.001883	0.000005	0.001888
		2	0.001830	-0.001819	0.000005	0.001825
		3	0.001714	-0.001671	0.000021	0.001692
9 DLF S11	2.0000000	C				
9 DLF S32	2.0000000				-0.023360	
					0.005020	
	1	1	0.001404	-0.000371	0.000516	0.000887
		2	0.000794	0.000196	0.000495	0.000299
		3	-0.000057	0.000954	0.000448	-0.000506
	2	1	-0.002740	0.003099	0.000180	-0.002919
		2	-0.002560	0.002877	0.000159	-0.002718
		3	-0.002528	0.002814	0.000143	-0.002671
	3	1	-0.002041	0.002158	0.000058	-0.002100
		2	-0.002274	0.002391	0.000058	-0.002332
		3	-0.002496	0.002613	0.000058	-0.002555
10 DLF S12	2.0000000	C				
10 DLF S31	2.0000000				0.016695	
					-0.004595	
	1	1	-0.000391	0.001004	0.000306	-0.000698
		2	0.000053	0.000534	0.000294	-0.000241
		3	0.000658	-0.000127	0.000265	0.000392
	2	1	0.002338	-0.002116	0.000111	0.002227
		2	0.002168	-0.001967	0.000100	0.002068
		3	0.002137	-0.001957	0.000090	0.002047
	3	1	0.001618	-0.001544	0.000037	0.001581
		2	0.001809	-0.001745	0.000032	0.001777
		3	0.002010	-0.001925	0.000042	0.001967
11 DLF S13	2.0000000	C				
11 DLF S30	2.0000000				-0.016899	
					0.004308	
	1	1	0.002302	-0.001239	0.000532	0.001770
		2	0.001631	-0.000601	0.000515	0.001116
		3	0.000590	0.000344	0.000467	0.000123
	2	1	-0.002803	0.003142	0.000169	-0.002972
		2	-0.002623	0.002919	0.000148	-0.002771
		3	-0.002623	0.002877	0.000127	-0.002750
	3	1	-0.002486	0.002623	0.000069	-0.002555
		2	-0.002750	0.002877	0.000063	-0.002814
		3	-0.002993	0.003131	0.000069	-0.003062
12 DLF S14	2.0000000	C				
12 DLF S29	2.0000000				0.023469	
					-0.004700	
	1	1	-0.001279	0.002940	0.000830	-0.002109
		2	-0.000496	0.002104	0.000804	-0.001300
		3	0.000644	0.000814	0.000729	-0.000085
	2	1	0.004030	-0.003512	0.000259	0.003771
		2	0.003755	-0.003290	0.000233	0.003522
		3	0.003681	-0.003290	0.000196	0.003485
	3	1	0.003364	-0.003152	0.000106	0.003258
		2	0.003660	-0.003459	0.000100	0.003559
		3	0.003956	-0.003755	0.000100	0.003856
13 DLF S15	2.0000000	C				
13 DLF S28	2.0000000				-0.025351	
					0.005321	
	1	1	0.000824	-0.000370	0.000227	0.000597
		2	0.000610	-0.000184	0.000213	0.000397
		3	0.000411	-0.000016	0.000198	0.000214
	2	1	-0.002052	0.002126	0.000037	-0.002089
		2	-0.002052	0.002116	0.000032	-0.002084
		3	-0.001999	0.002073	0.000037	-0.002036
	3	1	-0.002094	0.002116	0.000011	-0.002105
		2	-0.002031	0.002052	0.000011	-0.002041
		3	-0.001893	0.001925	0.000016	-0.001909
14 DLF S17	2.0000000	C				

14 DLF S26	2.0000000				0.025450		
					-0.005209		
		1	1	0.000032	0.002833	0.001432	-0.001400
			2	0.000072	0.002688	0.001380	-0.001308
			3	0.000235	0.002412	0.001323	-0.001088
		2	1	0.005109	-0.004157	0.000476	0.004633
			2	0.004876	-0.003945	0.000465	0.004411
			3	0.004665	-0.003755	0.000455	0.004210
		3	1	-0.005098	0.005194	0.000048	-0.005146
			2	-0.005098	0.005183	0.000042	-0.005141
			3	-0.005088	0.005183	0.000048	-0.005135
15 DLF S18	2.0000000 C						
15 DLF S25	2.0000000				-0.026459		
					0.006473		
		1	1	0.003075	0.000100	0.001588	0.001487
			2	0.002899	0.000157	0.001528	0.001371
			3	0.002603	0.000324	0.001463	0.001140
		2	1	-0.004400	0.005458	0.000529	-0.004929
			2	-0.004178	0.005215	0.000518	-0.004696
			3	-0.003977	0.004993	0.000508	-0.004485
		3	1	0.005543	-0.005458	0.000042	0.005500
			2	0.005522	-0.005426	0.000048	0.005474
			3	0.005479	-0.005384	0.000048	0.005432
16 DLF S22	2.0000000				-0.020913		
					0.007298		
		1	1	0.005772	0.011277	0.008525	-0.002752
			2	0.005359	0.011139	0.008249	-0.002890
			3	0.005516	0.010385	0.007951	-0.002434
		2	1	0.014439	-0.002803	0.005818	0.008621
			2	0.013476	-0.001893	0.005791	0.007685
			3	0.012683	-0.001608	0.005537	0.007145
		3	1	-0.031194	0.033616	0.001211	-0.032405
			2	-0.030474	0.032960	0.001243	-0.031717
			3	-0.029237	0.031849	0.001306	-0.030543
17 DLF S41	6.0000000				-0.000077		
					0.000967		
		1	1	-0.000017	0.000018	0.000001	-0.000017
			2	-0.000051	0.000051	0.000000	-0.000051
			3	-0.000084	0.000085	0.000001	-0.000084
		2	1	-0.000169	0.000180	0.000005	-0.000175
			2	-0.000190	0.000190	0.000000	-0.000190
			3	-0.000190	0.000201	0.000005	-0.000196
		3	1	-0.000190	0.000180	-0.000005	-0.000185
			2	-0.000201	0.000190	-0.000005	-0.000196
			3	-0.000201	0.000212	0.000005	-0.000206
18 DLF S42	6.0000000				0.000030		
					-0.000638		
		1	1	0.000011	-0.000010	0.000001	0.000010
			2	0.000033	-0.000033	0.000000	0.000033
			3	0.000055	-0.000055	0.000000	0.000055
		2	1	0.000116	-0.000116	0.000000	0.000116
			2	0.000127	-0.000127	0.000000	0.000127
			3	0.000138	-0.000127	0.000005	0.000132
		3	1	0.000042	-0.000053	-0.000005	0.000048
			2	0.000042	-0.000053	-0.000005	0.000048
			3	0.000063	-0.000053	0.000005	0.000058
19 DLR S4	0.0200000 C						
19 DLR S39	0.0200000				-0.008687		
					-0.000015		
		1	1	0.000204	-0.000152	0.000026	0.000178
			2	0.000131	-0.000083	0.000024	0.000107
			3	0.000056	-0.000010	0.000023	0.000033
		2	1	-0.000688	0.000698	0.000005	-0.000693
			2	-0.000677	0.000677	0.000000	-0.000677
			3	-0.000645	0.000656	0.000005	-0.000651
		3	1	-0.000624	0.000614	-0.000005	-0.000619
			2	-0.000603	0.000592	-0.000005	-0.000598
			3	-0.000550	0.000561	0.000005	-0.000555
20 DLR S5	0.0200000 C						
20 DLR S38	0.0200000				0.040973		
					0.000225		
		1	1	-0.000276	0.001385	0.000554	-0.000830
			2	0.000014	0.001029	0.000521	-0.000508
			3	0.000301	0.000667	0.000484	-0.000183
		2	1	0.003491	-0.003321	0.000085	0.003406
			2	0.003438	-0.003300	0.000069	0.003369
			3	0.003321	-0.003173	0.000074	0.003247
		3	1	0.003194	-0.003142	0.000026	0.003168
			2	0.003078	-0.003025	0.000026	0.003052
			3	0.002877	-0.002803	0.000037	0.002840
21 DLR S6	0.0200000 C						
21 DLR S37	0.0200000				-0.048132		
					0.006642		
		1	1	0.003450	-0.000286	0.001582	0.001868
			2	0.002393	0.000631	0.001512	0.000881
			3	0.000917	0.001833	0.001375	-0.000458
		2	1	-0.004897	0.005775	0.000439	-0.005336
			2	-0.004644	0.005426	0.000391	-0.005035
			3	-0.004580	0.005268	0.000344	-0.004924
		3	1	-0.004369	0.004675	0.000153	-0.004522
			2	-0.004633	0.004929	0.000148	-0.004781
			3	-0.004845	0.005130	0.000143	-0.004987

22 DLR S8	0.0200000	C					
22 DLR S35	0.0200000				-0.080165		
					0.004393		
	1	1	0.007937	0.000289		0.004113	0.003824
		2	0.006160	0.001716		0.003938	0.002222
		3	0.003562	0.003620		0.003591	-0.000029
	2	1	-0.008430	0.010102		0.000836	-0.009266
		2	-0.008075	0.009583		0.000754	-0.008829
		3	-0.007976	0.009298		0.000661	-0.008637
	3	1	-0.008145	0.008885		0.000370	-0.008515
		2	-0.008473	0.009181		0.000354	-0.008827
		3	-0.008684	0.009361		0.000338	-0.009023
23 DLR S9	0.0200000	C					
23 DLR S34	0.0200000				0.093903		
					-0.004733		
	1	1	0.001447	0.010882		0.006165	-0.004718
		2	0.003150	0.008676		0.005913	-0.002763
		3	0.005428	0.005351		0.005390	0.000039
	2	1	0.012545	-0.009920		0.001313	0.011232
		2	0.011868	-0.009486		0.001191	0.010677
		3	0.011487	-0.009422		0.001033	0.010454
	3	1	0.010906	-0.009721		0.000592	0.010313
		2	0.011308	-0.010186		0.000561	0.010747
		3	0.011593	-0.010535		0.000529	0.011064
24 DLR S11	0.0200000	C					
24 DLR S32	0.0200000				0.131639		
					-0.028289		
	1	1	0.010699	0.018799		0.014749	-0.004050
		2	0.012821	0.015579		0.014200	-0.001379
		3	0.015402	0.010616		0.013009	0.002393
	2	1	0.021399	-0.009974		0.005712	0.015686
		2	0.019812	-0.009485		0.005163	0.014649
		3	0.018934	-0.010087		0.004424	0.014510
	3	1	0.013814	-0.009753		0.002031	0.011784
		2	0.014967	-0.011191		0.001888	0.013079
		3	0.016057	-0.012619		0.001719	0.014338
25 DLR S12	0.0200000	C					
25 DLR S31	0.0200000				-0.094103		
					0.025895		
	1	1	0.012533	0.005655		0.009094	0.003439
		2	0.009941	0.007550		0.008746	0.001195
		3	0.005992	0.009938		0.007965	-0.001973
	2	1	-0.008603	0.015761		0.003579	-0.012182
		2	-0.008124	0.014565		0.003221	-0.011345
		3	-0.008512	0.013994		0.002741	-0.011253
	3	1	-0.007595	0.010165		0.001285	-0.008880
		2	-0.008779	0.011170		0.001195	-0.009975
		3	-0.009985	0.012143		0.001079	-0.011064
26 DLR S13	0.0200000	C					
26 DLR S30	0.0200000				0.146195		
					-0.037287		
	1	1	0.022362	0.042486		0.032424	-0.010062
		2	0.024842	0.037818		0.031330	-0.006488
		3	0.027942	0.029411		0.028677	-0.000735
	2	1	0.035700	-0.010590		0.012555	0.023145
		2	0.033002	-0.010601		0.011201	0.021802
		3	0.031426	-0.012518		0.009454	0.021972
	3	1	0.027259	-0.016247		0.005506	0.021753
		2	0.029142	-0.018839		0.005151	0.023990
		3	0.030855	-0.021483		0.004686	0.026169
27 DLR S14	0.0200000	C					
27 DLR S29	0.0200000				-0.203112		
					0.040648		
	1	1	0.056987	0.036155		0.046571	0.010416
		2	0.051637	0.038477		0.045057	0.006580
		3	0.041891	0.041075		0.041483	0.000408
	2	1	-0.008979	0.046986		0.019003	-0.027983
		2	-0.009444	0.043517		0.017036	-0.026480
		3	-0.012251	0.041274		0.014512	-0.026763
	3	1	-0.019315	0.035837		0.008261	-0.027576
		2	-0.022446	0.037932		0.007743	-0.030189
		3	-0.025619	0.039772		0.007076	-0.032696
28 DLR S15	0.0200000	C					
28 DLR S28	0.0200000				0.027187		
					-0.005706		
	1	1	-0.000379	0.000901		0.000261	-0.000640
		2	-0.000180	0.000672		0.000246	-0.000426
		3	-0.000001	0.000456		0.000227	-0.000228
	2	1	0.002285	-0.002200		0.000042	0.002242
		2	0.002274	-0.002200		0.000037	0.002237
		3	0.002221	-0.002147		0.000037	0.002184
	3	1	0.002274	-0.002253		0.000011	0.002264
		2	0.002200	-0.002179		0.000011	0.002190
		3	0.002073	-0.002031		0.000021	0.002052
29 DLR S41	0.1000000				0.000047		
					-0.000595		
	1	1	0.000011	-0.000011		0.000000	0.000011
		2	0.000031	-0.000032		0.000000	0.000031
		3	0.000052	-0.000052		0.000000	0.000052
	2	1	0.000106	-0.000106		0.000000	0.000106
		2	0.000116	-0.000116		0.000000	0.000116

		3	0.000127	-0.000116		0.000005	0.000122
		3	0.000106	-0.000116		-0.000005	0.000111
		2	0.000116	-0.000127		-0.000005	0.000122
		3	0.000138	-0.000127		0.000005	0.000132
30 DLT S10	-0.0400000	C					
30 DLT S32	0.0400000				-0.004750		
					-0.003367		
		1	0.001197	-0.000899		0.000149	0.001048
		2	0.000841	-0.000551		0.000145	0.000696
		3	0.000245	0.000020		0.000133	0.000113
		2	-0.001206	0.001269		0.000032	-0.001238
		2	-0.001100	0.001153		0.000026	-0.001127
		3	-0.001079	0.001132		0.000026	-0.001105
		3	-0.001439	0.001460		0.000011	-0.001449
		2	-0.001544	0.001565		0.000011	-0.001555
		3	-0.001650	0.001682		0.000016	-0.001666
31 DLT S11	-0.0200000	C					
31 DLT S31	0.0200000				-0.058427		
					0.016848		
		1	0.005430	0.002448		0.003939	0.001491
		2	0.003800	0.003829		0.003814	-0.000015
		3	0.001397	0.005583		0.003490	-0.002093
		2	-0.006106	0.009467		0.001680	-0.007787
		2	-0.005645	0.008663		0.001509	-0.007154
		3	-0.005786	0.008367		0.001290	-0.007076
		3	-0.003194	0.004231		0.000518	-0.003713
		2	-0.004041	0.005003		0.000481	-0.004522
		3	-0.004940	0.005797		0.000428	-0.005368
32 DLT S12	-0.3000000	C					
32 DLT S30	0.3000000				-0.009539		
					0.008163		
		1	0.002260	-0.001538		0.000361	0.001899
		2	0.002546	-0.001811		0.000368	0.002178
		3	0.002959	-0.002240		0.000359	0.002599
		2	-0.000487	0.001216		0.000365	-0.000852
		2	-0.000878	0.001565		0.000344	-0.001222
		3	-0.000941	0.001587		0.000323	-0.001264
		3	-0.003998	0.004115		0.000058	-0.004057
		2	-0.003554	0.003660		0.000053	-0.003607
		3	-0.002909	0.003025		0.000058	-0.002967
33 DLT S13	-0.0200000	C					
33 DLT S29	0.0200000				-0.063899		
					-0.001427		
		1	0.040248	0.014737		0.027492	0.012756
		2	0.035886	0.017279		0.026582	0.009304
		3	0.027410	0.020905		0.024157	0.003253
		2	-0.010223	0.026804		0.008290	-0.018514
		2	-0.009770	0.024551		0.007391	-0.017160
		3	-0.011026	0.023451		0.006212	-0.017238
		3	-0.013899	0.021864		0.003982	-0.017882
		2	-0.016152	0.023683		0.003766	-0.019918
		3	-0.018511	0.025482		0.003485	-0.021996
34 DLT S14	-0.0200000	C					
34 DLT S28	0.0200000				-0.010604		
					0.001168		
		1	0.000289	-0.000208		0.000040	0.000249
		2	0.000197	-0.000122		0.000038	0.000159
		3	0.000106	-0.000035		0.000035	0.000070
		2	-0.000836	0.000857		0.000011	-0.000846
		2	-0.000836	0.000836		0.000000	-0.000836
		3	-0.000804	0.000814		0.000005	-0.000809
		3	-0.000804	0.000804		0.000000	-0.000804
		2	-0.000783	0.000783		0.000000	-0.000783
		3	-0.000719	0.000740		0.000011	-0.000730
35 DLT S15	-0.2000000	C					
35 DLT S27	0.2000000				-0.000034		
					-0.000105		
		1	0.000057	-0.000057		0.000000	0.000057
		2	0.000050	-0.000050		0.000000	0.000050
		3	0.000036	-0.000036		0.000000	0.000036
		2	0.000000	0.000000		0.000000	0.000000
		2	0.000000	0.000000		0.000000	0.000000
		3	0.000000	0.000011		0.000005	-0.000005
		3	0.000053	-0.000063		-0.000005	0.000058
		2	0.000053	-0.000063		-0.000005	0.000058
		3	0.000063	-0.000053		0.000005	0.000058
36 DLT S17	-0.2000000	C					
36 DLT S25	0.2000000				-0.000020		
					-0.000063		
		1	0.000032	-0.000032		0.000000	0.000032
		2	0.000028	-0.000029		0.000000	0.000028
		3	0.000021	-0.000021		0.000000	0.000021
		2	0.000000	0.000000		0.000000	0.000000
		2	0.000000	0.000000		0.000000	0.000000
		3	0.000000	0.000000		0.000000	0.000000
		3	0.000032	-0.000042		-0.000005	0.000037
		2	0.000032	-0.000042		-0.000005	0.000037
		3	0.000042	-0.000032		0.000005	0.000037
37 DLT S18	0.2000000						
					0.000073		
					0.000102		
		1	-0.000042	0.000056		0.000007	-0.000049

		2	-0.000061	0.000061		0.000000	-0.000061
		3	-0.000053	0.000054		0.000001	-0.000053
	2	1	0.000011	0.000000		0.000005	0.000005
		2	-0.000011	0.000011		0.000000	-0.000011
		3	-0.000011	0.000021		0.000005	-0.000016
	3	1	-0.000021	0.000011		-0.000005	-0.000016
		2	-0.000021	0.000011		-0.000005	-0.000016
		3	-0.000011	0.000021		0.000005	-0.000016
38 DLT S39	0.1000000				-0.104055		
					0.001447		
	1	1	0.000385	-0.000331		0.000027	0.000358
		2	0.000262	-0.000213		0.000025	0.000237
		3	0.000090	-0.000043		0.000023	0.000067
	2	1	-0.000624	0.000645		0.000011	-0.000635
		2	-0.000709	0.000719		0.000005	-0.000714
		3	-0.000740	0.000762		0.000011	-0.000751
	3	1	-0.002380	0.002391		0.000005	-0.002385
		2	-0.002380	0.002391		0.000005	-0.002385
		3	-0.002369	0.002401		0.000016	-0.002385
39 CYD S2	0.2000000				0.001722		
					-0.000681		
	1	1	-0.000372	0.000335		-0.000019	-0.000354
		2	-0.001820	-0.001186		-0.001503	-0.000317
		3	-0.000852	-0.000319		-0.000585	-0.000266
	2	1	-0.004030	-0.008819		-0.006424	0.002394
		2	-0.004062	-0.008675		-0.006368	0.002306
		3	-0.006865	-0.011656		-0.009260	0.002395
	3	1	-0.015200	-0.013307		-0.014253	-0.000947
		2	-0.011276	-0.009107		-0.010192	-0.001084
		3	-0.011202	-0.008748		-0.009975	-0.001227
40 CYD S4	0.5000000 C				0.002140		
40 CYD S39	0.5000000				0.000094		
	1	1	-0.000113	0.000187		0.000037	-0.000150
		2	-0.000039	0.000110		0.000035	-0.000075
		3	0.000008	0.000060		0.000034	-0.000026
	2	1	0.000963	-0.000931		0.000016	0.000947
		2	0.000941	-0.000920		0.000011	0.000931
		3	0.000920	-0.000889		0.000016	0.000904
	3	1	0.000053	-0.000053		0.000000	0.000053
		2	-0.000011	0.000011		0.000000	-0.000011
		3	-0.000095	0.000116		0.000011	-0.000106
41 CYD S5	0.5000000 C				-0.002098		
41 CYD S38	0.5000000				-0.000102		
	1	1	0.000177	-0.000108		0.000034	0.000142
		2	0.000102	-0.000036		0.000033	0.000069
		3	0.000054	0.000010		0.000032	0.000022
	2	1	-0.000910	0.000941		0.000016	-0.000926
		2	-0.000910	0.000931		0.000011	-0.000920
		3	-0.000867	0.000910		0.000021	-0.000889
	3	1	-0.000074	0.000074		0.000000	-0.000074
		2	-0.000011	0.000011		0.000000	-0.000011
		3	0.000095	-0.000074		0.000011	0.000085
42 CYD S6	0.5000000 C				0.003017		
42 CYD S37	0.5000000				-0.000273		
	1	1	-0.000205	0.000364		0.000079	-0.000285
		2	-0.000073	0.000225		0.000076	-0.000149
		3	0.000049	0.000096		0.000072	-0.000024
	2	1	0.001481	-0.001407		0.000037	0.001444
		2	0.001439	-0.001386		0.000026	0.001412
		3	0.001396	-0.001333		0.000032	0.001365
	3	1	0.000148	-0.000127		0.000011	0.000138
		2	0.000074	-0.000053		0.000011	0.000063
		3	-0.000042	0.000074		0.000016	-0.000058
43 CYD S7	0.5000000 C				-0.003182		
43 CYD S36	0.5000000				0.000318		
	1	1	0.000342	-0.000171		0.000085	0.000257
		2	0.000217	-0.000053		0.000082	0.000135
		3	0.000122	0.000035		0.000078	0.000043
	2	1	-0.001449	0.001523		0.000037	-0.001486
		2	-0.001428	0.001491		0.000032	-0.001460
		3	-0.001386	0.001449		0.000032	-0.001417
	3	1	-0.000095	0.000116		0.000011	-0.000106
		2	-0.000011	0.000021		0.000005	-0.000016
		3	0.000148	-0.000116		0.000016	0.000132
44 CYD S8	0.5000000 C				0.004182		
44 CYD S35	0.5000000				-0.000035		
	1	1	-0.000316	0.000607		0.000145	-0.000462
		2	-0.000130	0.000409		0.000140	-0.000270
		3	0.000048	0.000219		0.000133	-0.000086
	2	1	0.002031	-0.001915		0.000058	0.001973
		2	0.001989	-0.001872		0.000058	0.001930
		3	0.001925	-0.001809		0.000058	0.001867
	3	1	0.000275	-0.000243		0.000016	0.000259
		2	0.000180	-0.000138		0.000021	0.000159
		3	0.000011	0.000042		0.000026	-0.000016
45 CYD S9	0.5000000 C						
45 CYD S34	0.5000000						

					-0.004239		
					0.000015		
	1	1	0.000642	-0.000342		0.000150	0.000492
		2	0.000436	-0.000147		0.000144	0.000291
		3	0.000230	0.000044		0.000137	0.000093
	2	1	-0.001957	0.002073		0.000058	-0.002015
		2	-0.001915	0.002020		0.000053	-0.001967
		3	-0.001841	0.001957		0.000058	-0.001899
	3	1	-0.000264	0.000296		0.000016	-0.000280
		2	-0.000159	0.000201		0.000021	-0.000180
		3	0.000011	0.000042		0.000026	-0.000016
46 CYD S10			0.5000000	C			
46 CYD S33			0.5000000				
					0.004595		
					-0.000670		
	1	1	-0.000147	0.000505		0.000179	-0.000326
		2	0.000005	0.000338		0.000172	-0.000167
		3	0.000094	0.000234		0.000164	-0.000070
	2	1	0.002200	-0.002052		0.000074	0.002126
		2	0.002179	-0.002041		0.000069	0.002110
		3	0.002126	-0.001978		0.000074	0.002052
	3	1	0.000159	-0.000106		0.000026	0.000132
		2	0.000011	0.000042		0.000026	-0.000016
		3	-0.000212	0.000286		0.000037	-0.000249
47 CYD S11			0.5000000	C			
47 CYD S32			0.5000000				
					-0.004390		
					0.000718		
	1	1	0.000571	-0.000216		0.000178	0.000393
		2	0.000354	-0.000013		0.000171	0.000184
		3	0.000142	0.000181		0.000161	-0.000020
	2	1	-0.002105	0.002264		0.000079	-0.002184
		2	-0.002052	0.002190		0.000069	-0.002121
		3	-0.001978	0.002126		0.000074	-0.002052
	3	1	-0.000148	0.000201		0.000026	-0.000175
		2	-0.000053	0.000106		0.000026	-0.000079
		3	0.000127	-0.000053		0.000037	0.000090
48 CYD S12			0.5000000	C			
48 CYD S31			0.5000000				
					0.003138		
					-0.000696		
	1	1	-0.000204	0.000390		0.000093	-0.000297
		2	-0.000053	0.000231		0.000089	-0.000142
		3	0.000098	0.000070		0.000084	0.000014
	2	1	0.001640	-0.001555		0.000042	0.001597
		2	0.001587	-0.001513		0.000037	0.001550
		3	0.001544	-0.001460		0.000042	0.001502
	3	1	0.000148	-0.000127		0.000011	0.000138
		2	0.000085	-0.000063		0.000011	0.000074
		3	-0.000032	0.000074		0.000021	-0.000053
49 CYD S13			0.5000000	C			
49 CYD S30			0.5000000				
					-0.003183		
					0.000635		
	1	1	0.000672	-0.000476		0.000098	0.000574
		2	0.000474	-0.000285		0.000095	0.000379
		3	0.000231	-0.000053		0.000089	0.000142
	2	1	-0.001661	0.001756		0.000048	-0.001708
		2	-0.001608	0.001682		0.000037	-0.001645
		3	-0.001544	0.001629		0.000042	-0.001587
	3	1	-0.000317	0.000349		0.000016	-0.000333
		2	-0.000275	0.000296		0.000011	-0.000286
		3	-0.000148	0.000190		0.000021	-0.000169
50 CYD S14			0.5000000	C			
50 CYD S29			0.5000000				
					0.004418		
					-0.000650		
	1	1	-0.000529	0.000892		0.000181	-0.000710
		2	-0.000282	0.000633		0.000175	-0.000457
		3	0.000004	0.000325		0.000164	-0.000160
	2	1	0.002369	-0.002221		0.000074	0.002295
		2	0.002285	-0.002137		0.000074	0.002211
		3	0.002211	-0.002063		0.000074	0.002137
	3	1	0.000434	-0.000381		0.000026	0.000407
		2	0.000360	-0.000307		0.000026	0.000333
		3	0.000212	-0.000138		0.000037	0.000175
51 CYD S15			0.5000000	C			
51 CYD S28			0.5000000				
					-0.004772		
					0.000774		
	1	1	0.000546	-0.000163		0.000191	0.000354
		2	0.000372	-0.000003		0.000185	0.000188
		3	0.000260	0.000092		0.000176	0.000084
	2	1	-0.002137	0.002295		0.000079	-0.002216
		2	-0.002126	0.002285		0.000079	-0.002205
		3	-0.002052	0.002211		0.000079	-0.002131
	3	1	-0.000138	0.000190		0.000026	-0.000164
		2	0.000021	0.000032		0.000026	-0.000005
		3	0.000264	-0.000190		0.000037	0.000227
52 CYD S17			0.5000000	C			
52 CYD S26			0.5000000				
					0.004645		
					-0.000621		
	1	1	0.000224	-0.000165		0.000030	0.000195
		2	0.000222	-0.000167		0.000028	0.000195
		3	0.000184	-0.000129		0.000028	0.000157
	2	1	-0.000539	0.000592		0.000026	-0.000566
		2	-0.000476	0.000518		0.000021	-0.000497
		3	-0.000423	0.000476		0.000026	-0.000450
	3	1	0.002168	-0.002168		0.000000	0.002168

		2	0.002126	-0.002116		0.000005	0.002121
		3	0.002041	-0.002020		0.000011	0.002031
53 CYD S18	0.5000000	C					
53 CYD S25	0.5000000						
					-0.004719		
					0.000966		
		1	-0.000184	0.000271		0.000043	-0.000227
		2	-0.000190	0.000272		0.000041	-0.000231
		3	-0.000149	0.000227		0.000039	-0.000188
		2	0.000677	-0.000614		0.000032	0.000645
		2	0.000592	-0.000539		0.000026	0.000566
		3	0.000550	-0.000487		0.000032	0.000518
		3	-0.002369	0.002369		0.000000	-0.002369
		2	-0.002317	0.002317		0.000000	-0.002317
		3	-0.002211	0.002232		0.000011	-0.002221
54 CYD S41	3.0000000						
					-0.000022		
					0.000064		
		1	0.000005	-0.000005		0.000000	0.000005
		2	0.000001	-0.000001		0.000000	0.000001
		3	-0.000003	0.000003		0.000000	-0.000003
		2	-0.000042	0.000053		0.000005	-0.000048
		2	-0.000053	0.000042		-0.000005	-0.000048
		3	-0.000042	0.000053		0.000005	-0.000048
		3	-0.000011	0.000000		-0.000005	-0.000005
		2	-0.000011	0.000000		-0.000005	-0.000005
		3	0.000000	0.000011		0.000005	-0.000005
55 CYD S42	3.0000000						
					0.000010		
					-0.000033		
		1	-0.000003	0.000003		0.000000	-0.000003
		2	-0.000001	0.000001		0.000000	-0.000001
		3	0.000001	-0.000001		0.000000	0.000001
		2	0.000021	-0.000021		0.000000	0.000021
		2	0.000021	-0.000021		0.000000	0.000021
		3	0.000021	-0.000021		0.000000	0.000021
		3	-0.000011	0.000000		-0.000005	-0.000005
		2	-0.000011	0.000000		-0.000005	-0.000005
		3	0.000000	0.000011		0.000005	-0.000005
56 CYN S2	0.2000000						
					0.001175		
					-0.000426		
		1	0.000278	-0.000141		0.000069	0.000209
		2	0.000301	-0.000165		0.000068	0.000233
		3	0.000286	-0.000150		0.000068	0.000218
		2	-0.000740	0.000825		0.000042	-0.000783
		2	-0.000719	0.000793		0.000037	-0.000756
		3	-0.000709	0.000793		0.000042	-0.000751
		3	0.002613	-0.002602		0.000005	0.002607
		2	0.002602	-0.002592		0.000005	0.002597
		3	0.002549	-0.002528		0.000011	0.002539
57 CYN S4	0.5000000	C					
57 CYN S39	0.5000000						
					0.002138		
					0.000094		
		1	0.000188	-0.000139		0.000025	0.000163
		2	0.000199	-0.000151		0.000024	0.000175
		3	0.000180	-0.000134		0.000023	0.000157
		2	-0.000434	0.000465		0.000016	-0.000450
		2	-0.000391	0.000423		0.000016	-0.000407
		3	-0.000360	0.000402		0.000021	-0.000381
		3	0.001460	-0.001460		0.000000	0.001460
		2	0.001428	-0.001428		0.000000	0.001428
		3	0.001386	-0.001375		0.000005	0.001380
58 CYN S5	0.5000000	C					
58 CYN S38	0.5000000						
					-0.002095		
					-0.000102		
		1	-0.000134	0.000180		0.000023	-0.000157
		2	-0.000146	0.000189		0.000022	-0.000168
		3	-0.000128	0.000169		0.000021	-0.000149
		2	0.000444	-0.000413		0.000016	0.000428
		2	0.000391	-0.000370		0.000011	0.000381
		3	0.000370	-0.000338		0.000016	0.000354
		3	-0.001439	0.001439		0.000000	-0.001439
		2	-0.001407	0.001407		0.000000	-0.001407
		3	-0.001354	0.001365		0.000005	-0.001359
59 CYN S6	0.5000000	C					
59 CYN S37	0.5000000						
					0.003013		
					-0.000277		
		1	0.000257	-0.000153		0.000052	0.000205
		2	0.000310	-0.000210		0.000050	0.000260
		3	0.000335	-0.000238		0.000049	0.000287
		2	-0.000624	0.000688		0.000032	-0.000656
		2	-0.000592	0.000645		0.000026	-0.000619
		3	-0.000550	0.000614		0.000032	-0.000582
		3	0.002264	-0.002264		0.000000	0.002264
		2	0.002242	-0.002242		0.000000	0.002242
		3	0.002200	-0.002190		0.000005	0.002195
60 CYN S7	0.5000000	C					
60 CYN S36	0.5000000						
					-0.003181		
					0.000316		
		1	-0.000181	0.000294		0.000057	-0.000237
		2	-0.000214	0.000322		0.000054	-0.000268
		3	-0.000204	0.000310		0.000053	-0.000257
		2	0.000730	-0.000666		0.000032	0.000698
		2	0.000666	-0.000614		0.000026	0.000640

	3		0.000635	-0.000561		0.000037	0.000598
	3	1	-0.002348	0.002359		0.000005	-0.002354
		2	-0.002317	0.002317		0.000000	-0.002317
		3	-0.002232	0.002264		0.000016	-0.002248
61 CYN S8	0.5000000	C					
61 CYN S35	0.5000000				0.004171		
					-0.000045		
	1	1	0.000324	-0.000132		0.000096	0.000228
		2	0.000400	-0.000214		0.000093	0.000307
		3	0.000441	-0.000260		0.000090	0.000351
	2	1	-0.000793	0.000899		0.000053	-0.000846
		2	-0.000751	0.000846		0.000048	-0.000799
		3	-0.000698	0.000814		0.000058	-0.000756
	3	1	0.003089	-0.003089		0.000000	0.003089
		2	0.003068	-0.003057		0.000005	0.003062
		3	0.003004	-0.002972		0.000016	0.002988
62 CYN S9	0.5000000	C					
62 CYN S34	0.5000000				-0.004227		
					0.000028		
	1	1	-0.000116	0.000313		0.000098	-0.000215
		2	-0.000206	0.000398		0.000096	-0.000302
		3	-0.000263	0.000451		0.000094	-0.000357
	2	1	0.000910	-0.000793		0.000058	0.000852
		2	0.000857	-0.000762		0.000048	0.000809
		3	0.000825	-0.000709		0.000058	0.000767
	3	1	-0.003142	0.003142		0.000000	-0.003142
		2	-0.003110	0.003120		0.000005	-0.003115
		3	-0.003036	0.003068		0.000016	-0.003052
63 CYN S10	0.5000000	C					
63 CYN S33	0.5000000				0.004597		
					-0.000660		
	1	1	0.000483	-0.000245		0.000119	0.000364
		2	0.000500	-0.000271		0.000115	0.000386
		3	0.000448	-0.000227		0.000111	0.000338
	2	1	-0.000963	0.001100		0.000069	-0.001031
		2	-0.000857	0.000994		0.000069	-0.000926
		3	-0.000793	0.000931		0.000069	-0.000862
	3	1	0.003448	-0.003427		0.000011	0.003438
		2	0.003385	-0.003364		0.000011	0.003374
		3	0.003279	-0.003237		0.000021	0.003258
64 CYN S11	0.5000000	C					
64 CYN S32	0.5000000				-0.004385		
					0.000725		
	1	1	-0.000207	0.000440		0.000116	-0.000324
		2	-0.000309	0.000533		0.000112	-0.000421
		3	-0.000372	0.000589		0.000108	-0.000481
	2	1	0.001037	-0.000899		0.000069	0.000968
		2	0.000984	-0.000857		0.000063	0.000920
		3	0.000931	-0.000793		0.000069	0.000862
	3	1	-0.003374	0.003395		0.000011	-0.003385
		2	-0.003364	0.003374		0.000005	-0.003369
		3	-0.003300	0.003332		0.000016	-0.003316
65 CYN S12	0.5000000	C					
65 CYN S31	0.5000000				0.003134		
					-0.000703		
	1	1	0.000287	-0.000165		0.000061	0.000226
		2	0.000361	-0.000243		0.000059	0.000302
		3	0.000411	-0.000297		0.000057	0.000354
	2	1	-0.000656	0.000730		0.000037	-0.000693
		2	-0.000635	0.000698		0.000032	-0.000666
		3	-0.000592	0.000666		0.000037	-0.000629
	3	1	0.002486	-0.002486		0.000000	0.002486
		2	0.002486	-0.002475		0.000005	0.002480
		3	0.002454	-0.002433		0.000011	0.002443
66 CYN S13	0.5000000	C					
66 CYN S30	0.5000000				-0.003171		
					0.000654		
	1	1	0.000050	0.000085		0.000067	-0.000017
		2	-0.000076	0.000206		0.000065	-0.000141
		3	-0.000201	0.000327		0.000063	-0.000264
	2	1	0.000677	-0.000603		0.000037	0.000640
		2	0.000677	-0.000614		0.000032	0.000645
		3	0.000645	-0.000571		0.000037	0.000608
	3	1	-0.002687	0.002687		0.000000	-0.002687
		2	-0.002687	0.002697		0.000005	-0.002692
		3	-0.002655	0.002687		0.000016	-0.002671
67 CYN S14	0.5000000	C					
67 CYN S29	0.5000000				0.004402		
					-0.000672		
	1	1	0.000205	0.000039		0.000122	0.000083
		2	0.000352	-0.000114		0.000119	0.000233
		3	0.000489	-0.000257		0.000116	0.000373
	2	1	-0.000825	0.000963		0.000069	-0.000894
		2	-0.000825	0.000952		0.000063	-0.000889
		3	-0.000772	0.000910		0.000069	-0.000841
	3	1	0.003607	-0.003596		0.000005	0.003602
		2	0.003618	-0.003596		0.000011	0.003607
		3	0.003586	-0.003544		0.000021	0.003565
68 CYN S15	0.5000000	C					
68 CYN S28	0.5000000				-0.004772		
					0.000766		

	1	1	-0.000239	0.000494	0.000127	-0.000367
		2	-0.000267	0.000512	0.000123	-0.000389
		3	-0.000221	0.000459	0.000119	-0.000340
	2	1	0.001153	-0.000994	0.000079	0.001074
		2	0.001037	-0.000899	0.000069	0.000968
		3	0.000973	-0.000825	0.000074	0.000899
	3	1	-0.003607	0.003628	0.000011	-0.003618
		2	-0.003544	0.003565	0.000011	-0.003554
		3	-0.003417	0.003459	0.000021	-0.003438
69 CYN S17	0.5000000	C				
69 CYN S26	0.5000000					
				0.004645		
				-0.000621		
	1	1	0.000224	-0.000165	0.000030	0.000195
		2	0.000222	-0.000167	0.000028	0.000195
		3	0.000184	-0.000129	0.000028	0.000157
	2	1	-0.000539	0.000592	0.000026	-0.000566
		2	-0.000476	0.000518	0.000021	-0.000497
		3	-0.000423	0.000476	0.000026	-0.000450
	3	1	0.002168	-0.002168	0.000000	0.002168
		2	0.002126	-0.002116	0.000005	0.002121
		3	0.002041	-0.002020	0.000011	0.002031
70 CYN S18	0.5000000	C				
70 CYN S25	0.5000000					
				-0.004719		
				0.000966		
	1	1	-0.000184	0.000271	0.000043	-0.000227
		2	-0.000190	0.000272	0.000041	-0.000231
		3	-0.000149	0.000227	0.000039	-0.000188
	2	1	0.000677	-0.000614	0.000032	0.000645
		2	0.000592	-0.000539	0.000026	0.000566
		3	0.000550	-0.000487	0.000032	0.000518
	3	1	-0.002369	0.002369	0.000000	-0.002369
		2	-0.002317	0.002317	0.000000	-0.002317
		3	-0.002211	0.002232	0.000011	-0.002221
71 CYN S41	3.0000000					
				-0.000014		
				0.000347		
	1	1	-0.000012	0.000012	0.000000	-0.000012
		2	-0.000025	0.000024	0.000000	-0.000025
		3	-0.000038	0.000038	0.000000	-0.000038
	2	1	-0.000042	0.000042	0.000000	-0.000042
		2	-0.000053	0.000042	-0.000005	-0.000048
		3	-0.000042	0.000053	0.000005	-0.000048
	3	1	-0.000169	0.000159	-0.000005	-0.000164
		2	-0.000169	0.000159	-0.000005	-0.000164
		3	-0.000159	0.000169	0.000005	-0.000164
72 CYN S42	3.0000000					
				0.000003		
				-0.000239		
	1	1	0.000005	-0.000005	0.000000	0.000005
		2	0.000015	-0.000015	0.000000	0.000015
		3	0.000024	-0.000024	0.000000	0.000024
	2	1	0.000032	-0.000032	0.000000	0.000032
		2	0.000032	-0.000042	-0.000005	0.000037
		3	0.000042	-0.000032	0.000005	0.000037
	3	1	0.000032	-0.000042	-0.000005	0.000037
		2	0.000032	-0.000042	-0.000005	0.000037
		3	0.000042	-0.000032	0.000005	0.000037
73 TRY S4	0.0250000	C				
73 TRY S39	0.0250000					
				0.000108		
				-0.000159		
	1	1	0.003611	-0.002952	0.000329	0.003282
		2	0.003460	-0.002762	0.000349	0.003111
		3	0.002956	-0.002228	0.000364	0.002592
	2	1	0.000772	-0.000391	0.000190	0.000582
		2	0.000582	-0.000212	0.000185	0.000397
		3	0.000455	-0.000074	0.000190	0.000264
	3	1	0.000910	-0.000814	0.000048	0.000862
		2	0.000899	-0.000804	0.000048	0.000852
		3	0.000846	-0.000740	0.000053	0.000793
74 TRX S4	0.0250000	C				
74 TRX S39	0.0250000					
				0.000712		
				-0.001496		
	1	1	0.000802	0.000175	0.000488	0.000314
		2	0.000713	0.000234	0.000473	0.000240
		3	0.000362	0.000556	0.000459	-0.000097
	2	1	-0.001238	0.001671	0.000217	-0.001454
		2	-0.002200	0.002570	0.000185	-0.002385
		3	-0.002644	0.002972	0.000164	-0.002808
	3	1	-0.003226	0.003364	0.000069	-0.003295
		2	-0.002919	0.003057	0.000069	-0.002988
		3	-0.002486	0.002644	0.000079	-0.002565
75 BTY S4..5	0.0003000	C				
75 BTY S38..39	0.0003000	R				
				-0.000083		
				-0.000769		
	1	1	0.005413	-0.004040	0.000686	0.004726
		2	0.005196	-0.003803	0.000697	0.004499
		3	0.004479	-0.003032	0.000724	0.003755
	2	1	0.001206	-0.000360	0.000423	0.000783
		2	0.000931	-0.000085	0.000423	0.000508
		3	0.000719	0.000106	0.000413	0.000307
	3	1	0.003110	-0.002941	0.000085	0.003025
		2	0.003099	-0.002930	0.000085	0.003015
		3	0.003036	-0.002845	0.000095	0.002941
76 BTX S4..5	0.0003000	C				

76	BTX S38..39	R	0.0003000			-0.000209			
						-0.001618			
		1	1	0.001239	0.000741		0.000990	0.000249	
			2	0.001057	0.000844		0.000950	0.000106	
			3	0.000542	0.001280		0.000911	-0.000369	
		2	1	-0.001819	0.002814		0.000497	-0.002317	
			2	-0.003269	0.004115		0.000423	-0.003692	
			3	-0.003935	0.004686		0.000376	-0.004310	
		3	1	-0.003670	0.003967		0.000148	-0.003819	
			2	-0.003300	0.003596		0.000148	-0.003448	
			3	-0.002814	0.003120		0.000153	-0.002967	
77	DSY S4..5		0.0800000	C					
77	DSY S38..39	R	0.0800000			-0.000306			
						-0.000830			
		1	1	0.001625	-0.001395		0.000115	0.001510	
			2	0.001530	-0.001333		0.000098	0.001431	
			3	0.001299	-0.001104		0.000097	0.001202	
		2	1	0.000233	-0.000127		0.000053	0.000180	
			2	0.000127	-0.000032		0.000048	0.000079	
			3	-0.000042	-0.000053		-0.000048	0.000005	
		3	1	0.002909	-0.002888		0.000011	0.002898	
			2	0.002919	-0.002898		0.000011	0.002909	
			3	0.002909	-0.002867		0.000021	0.002888	
78	DSX S4..5		0.0800000	C					
78	DSX S38..39	R	0.0800000			0.001447			
						-0.000103			
		1	1	0.000269	0.000012		0.000140	0.000129	
			2	0.000789	-0.000115		0.000337	0.000452	
			3	0.000481	-0.000265		0.000108	0.000373	
		2	1	0.001026	-0.000889		0.000069	0.000957	
			2	0.001481	-0.001365		0.000058	0.001423	
			3	0.001470	-0.001576		-0.000053	0.001523	
		3	1	0.000159	-0.000116		0.000021	0.000138	
			2	0.000127	-0.000085		0.000021	0.000106	
			3	0.000127	-0.000063		0.000032	0.000095	
79	TRY S6		0.0250000	C					
79	TRY S37		0.0250000			-0.005965			
						-0.027780			
		1	1	0.043415	0.003804		0.023609	0.019806	
			2	0.042489	0.003953		0.023221	0.019268	
			3	0.039288	0.006870		0.023079	0.016209	
		2	1	0.019706	0.010112		0.014909	0.004797	
			2	0.018342	0.011678		0.015010	0.003332	
			3	0.016924	0.012217		0.014571	0.002354	
		3	1	0.036271	-0.029734		0.003269	0.033002	
			2	0.036387	-0.029818		0.003284	0.033103	
			3	0.035985	-0.029385		0.003300	0.032685	
80	TRX S6		0.0250000	C					
80	TRX S37		0.0250000			0.002701			
						0.004946			
		1	1	0.029104	0.027617		0.028361	0.000744	
			2	0.027716	0.027692		0.027704	0.000012	
			3	0.024676	0.028602		0.026639	-0.001963	
		2	1	0.004919	0.031490		0.018204	-0.013286	
			2	-0.005157	0.037276		0.016060	-0.021216	
			3	-0.011136	0.039010		0.013937	-0.025073	
		3	1	-0.012736	0.024434		0.005849	-0.018585	
			2	-0.011286	0.022626		0.005670	-0.016956	
			3	-0.009456	0.020542		0.005543	-0.014999	
81	BTY S6..7		0.0002000	C					
81	BTY S36..37	R	0.0002000			-0.008906			
						-0.041960			
		1	1	0.069554	0.023199		0.046376	0.023177	
			2	0.068434	0.023037		0.045736	0.022699	
			3	0.064400	0.025909		0.045155	0.019246	
		2	1	0.037879	0.025090		0.031484	0.006394	
			2	0.036144	0.027206		0.031675	0.004469	
			3	0.034007	0.027629		0.030818	0.003189	
		3	1	0.055089	-0.039825		0.007632	0.047457	
			2	0.055247	-0.039920		0.007664	0.047584	
			3	0.054644	-0.039264		0.007690	0.046954	
82	BTX S6..7		0.0002000	C					
82	BTX S36..37	R	0.0002000			0.002697			
						0.007874			
		1	1	0.053560	0.051857		0.052709	0.000852	
			2	0.051743	0.051722		0.051732	0.000011	
			3	0.047730	0.052363		0.050046	-0.002317	
		2	1	0.020827	0.055395		0.038111	-0.017284	
			2	0.006664	0.062197		0.034430	-0.027766	
			3	-0.002666	0.063720		0.030527	-0.033193	
		3	1	-0.014661	0.041126		0.013233	-0.027893	
			2	-0.012577	0.038207		0.012815	-0.025392	
			3	-0.009816	0.034853		0.012519	-0.022335	
83	DSY S6..7		0.0200000	C					
83	DSY S36..37	R	0.0200000			0.003655			
						0.016964			
		1	1	-0.005303	0.023852		0.009275	-0.014577	
			2	-0.004946	0.023212		0.009133	-0.014079	
			3	-0.002589	0.020970		0.009190	-0.011780	
		2	1	0.002623	0.008938		0.005781	-0.003157	
			2	0.003628	0.008028		0.005828	-0.002200	
			3	0.004104	0.007203		0.005654	-0.001550	

		3	1	-0.019072	0.021494	0.001211	-0.020283
			2	-0.019124	0.021568	0.001222	-0.020346
			3	-0.018860	0.021325	0.001232	-0.020092
84 DSX S6..7		0.0200000	C				
84 DSX S36..37	R	0.0200000					
					0.001650		
					0.003035		
		1	1	0.012451	0.011335	0.011893	0.000558
			2	0.011567	0.011551	0.011559	0.000008
			3	0.009602	0.012502	0.011052	-0.001450
		2	1	-0.001809	0.015951	0.007071	-0.008880
			2	-0.007943	0.020193	0.006125	-0.014068
			3	-0.011213	0.021705	0.005246	-0.016459
		3	1	-0.009287	0.013666	0.002190	-0.011477
			2	-0.008346	0.012587	0.002121	-0.010467
			3	-0.007172	0.011339	0.002084	-0.009255
85 TRY S8		0.0250000	C				
85 TRY S35		0.0250000					
					-0.011514		
					-0.052040		
		1	1	0.049953	0.008407	0.029180	0.020773
			2	0.048802	0.008061	0.028432	0.020371
			3	0.045128	0.010974	0.028051	0.017077
		2	1	0.021145	0.010578	0.015861	0.005284
			2	0.019812	0.012133	0.015972	0.003840
			3	0.018405	0.012556	0.015480	0.002925
		3	1	0.042596	-0.036112	0.003242	0.039354
			2	0.042850	-0.036387	0.003231	0.039619
			3	0.042565	-0.036091	0.003237	0.039328
86 TRX S8		0.0250000	C				
86 TRX S35		0.0250000					
					0.007201		
					0.021161		
		1	1	0.036148	0.035965	0.036057	0.000091
			2	0.034709	0.035767	0.035238	-0.000529
			3	0.031406	0.035928	0.033667	-0.002261
		2	1	0.005913	0.034695	0.020304	-0.014391
			2	-0.005102	0.040703	0.017801	-0.022902
			3	-0.011699	0.042353	0.015327	-0.027026
		3	1	-0.010377	0.023197	0.006410	-0.016787
			2	-0.009255	0.021674	0.006209	-0.015465
			3	-0.007976	0.020076	0.006050	-0.014026
87 BTY S8..9		0.0002000	C				
87 BTY S34..35	R	0.0002000					
					0.002135		
					0.009251		
		1	1	-0.005387	0.008150	0.001381	-0.006769
			2	-0.005072	0.007803	0.001366	-0.006438
			3	-0.003857	0.006653	0.001398	-0.005255
		2	1	-0.000381	0.001766	0.000693	-0.001074
			2	-0.000021	0.001386	0.000682	-0.000703
			3	0.000190	0.001132	0.000661	-0.000471
		3	1	-0.007849	0.008124	0.000138	-0.007986
			2	-0.007923	0.008187	0.000132	-0.008055
			3	-0.007859	0.008145	0.000143	-0.008002
88 BTX S8..9		0.0002000	C				
88 BTX S34..35	R	0.0002000					
					-0.000922		
					-0.003588		
		1	1	0.002720	0.001727	0.002223	0.000496
			2	0.002660	0.001598	0.002129	0.000531
			3	0.002865	0.001091	0.001978	0.000887
		2	1	0.004517	-0.002613	0.000952	0.003565
			2	0.006399	-0.004813	0.000793	0.005606
			3	0.007108	-0.005786	0.000661	0.006447
		3	1	0.003766	-0.003216	0.000275	0.003491
			2	0.003480	-0.002941	0.000270	0.003210
			3	0.003205	-0.002666	0.000270	0.002935
89 DSY S8..9		0.0200000	C				
89 DSY S34..35	R	0.0200000					
					0.001700		
					0.007545		
		1	1	-0.004149	0.005692	0.000772	-0.004920
			2	-0.003944	0.005462	0.000759	-0.004703
			3	-0.003096	0.004646	0.000775	-0.003871
		2	1	-0.000476	0.001280	0.000402	-0.000878
			2	-0.000212	0.001005	0.000397	-0.000608
			3	-0.000053	0.000836	0.000391	-0.000444
		3	1	-0.006019	0.006156	0.000069	-0.006087
			2	-0.006061	0.006209	0.000074	-0.006135
			3	-0.006008	0.006177	0.000085	-0.006093
90 DSX S8..9		0.0200000	C				
90 DSX S34..35	R	0.0200000					
					0.000919		
					0.003010		
		1	1	0.001015	0.001353	0.001184	-0.000169
			2	0.000879	0.001397	0.001138	-0.000259
			3	0.000466	0.001663	0.001065	-0.000598
		2	1	-0.002126	0.003184	0.000529	-0.002655
			2	-0.003723	0.004612	0.000444	-0.004168
			3	-0.004432	0.005183	0.000376	-0.004808
		3	1	-0.002486	0.002793	0.000153	-0.002639
			2	-0.002285	0.002581	0.000148	-0.002433
			3	-0.002063	0.002359	0.000148	-0.002211
91 TRY S10		0.0250000	C				
91 TRY S33		0.0250000					
					-0.001039		
					-0.004847		
		1	1	0.005087	-0.003565	0.000761	0.004326

		2	0.004928	-0.003435		0.000747	0.004181
		3	0.004265	-0.002763		0.000751	0.003514
	2	1	0.001386	-0.000518		0.000434	0.000952
		2	0.001121	-0.000254		0.000434	0.000688
		3	0.000920	-0.000063		0.000428	0.000492
	3	1	0.007151	-0.006981		0.000085	0.007066
		2	0.007161	-0.006992		0.000085	0.007076
		3	0.007098	-0.006907		0.000095	0.007002
92 TRX S10	0.0250000	C					
92 TRX S33	0.0250000				0.001590		
					0.000594		
	1	1	0.001414	0.000630		0.001022	0.000392
		2	0.001133	0.000857		0.000995	0.000138
		3	0.000565	0.001332		0.000948	-0.000383
	2	1	-0.001978	0.003036		0.000529	-0.002507
		2	-0.003512	0.004411		0.000450	-0.003961
		3	-0.004231	0.004993		0.000381	-0.004612
	3	1	-0.002676	0.003004		0.000164	-0.002840
		2	-0.002475	0.002803		0.000164	-0.002639
		3	-0.002264	0.002592		0.000164	-0.002428
93 TRY S12	0.0250000	C					
93 TRY S31	0.0250000				-0.009704		
					-0.045743		
	1	1	0.095384	0.045214		0.070299	0.025085
		2	0.094265	0.045079		0.069672	0.024593
		3	0.089543	0.047761		0.068652	0.020891
	2	1	0.058124	0.043770		0.050947	0.007177
		2	0.055861	0.046309		0.051085	0.004776
		3	0.052846	0.046404		0.049625	0.003221
	3	1	0.075313	-0.047853		0.013730	0.061583
		2	0.075482	-0.047949		0.013767	0.061715
		3	0.074520	-0.047081		0.013719	0.060801
94 TRX S12	0.0250000	C					
94 TRX S31	0.0250000				0.002871		
					0.003714		
	1	1	0.079190	0.077846		0.078518	0.000672
		2	0.077394	0.077542		0.077468	-0.000074
		3	0.072831	0.077865		0.075348	-0.002517
	2	1	0.042596	0.082157		0.062377	-0.019780
		2	0.024741	0.089223		0.056982	-0.032241
		3	0.012312	0.090016		0.051164	-0.038852
	3	1	-0.013941	0.061044		0.023551	-0.037493
		2	-0.011297	0.056728		0.022716	-0.034013
		3	-0.007711	0.051894		0.022091	-0.029803
95 TRY S14	0.0250000	C					
95 TRY S29	0.0250000				-0.028231		
					-0.127268		
	1	1	0.178673	0.122886		0.150780	0.027893
		2	0.176634	0.121809		0.149221	0.027412
		3	0.169331	0.123000		0.146166	0.023165
	2	1	0.114905	0.097473		0.106189	0.008716
		2	0.111848	0.100213		0.106031	0.005818
		3	0.106993	0.098838		0.102916	0.004078
	3	1	0.146871	-0.074467		0.036202	0.110669
		2	0.147580	-0.075228		0.036176	0.111404
		3	0.146226	-0.074425		0.035901	0.110325
96 TRX S14	0.0250000	C					
96 TRX S29	0.0250000				0.013772		
					0.043009		
	1	1	0.173691	0.176991		0.175341	-0.001650
		2	0.171239	0.174931		0.173085	-0.001846
		3	0.163703	0.170537		0.167120	-0.003417
	2	1	0.113435	0.161553		0.137494	-0.024059
		2	0.088652	0.167022		0.127837	-0.039185
		3	0.069760	0.164599		0.117180	-0.047420
	3	1	0.014417	0.111372		0.062895	-0.048478
		2	0.015993	0.105428		0.060711	-0.044717
		3	0.018215	0.099642		0.058928	-0.040713
97 DLA S22	0.0003000						
					-0.002169		
					-0.008367		
	1	1	0.001140	-0.001040		0.000050	0.001090
		2	0.000938	-0.000842		0.000048	0.000890
		3	0.000656	0.001121		0.000889	-0.000233
	2	1	-0.000349	0.000381		0.000016	-0.000365
		2	-0.000201	0.000212		0.000005	-0.000206
		3	-0.000042	0.000063		0.000011	-0.000053
	3	1	-0.007595	0.007785		0.000095	-0.007690
		2	-0.007584	0.007775		0.000095	-0.007679
		3	-0.007500	0.007711		0.000106	-0.007605
98 DLB S22	0.0003000						
					-0.002164		
					0.003781		
	1	1	-0.000560	0.000590		0.000015	-0.000575
		2	-0.000397	0.000424		0.000014	-0.000410
		3	-0.000198	0.000223		0.000013	-0.000210
	2	1	0.000116	-0.000095		0.000011	0.000106
		2	0.000275	-0.000264		0.000005	0.000270
		3	0.000338	-0.000317		0.000011	0.000328
	3	1	0.000338	-0.000317		0.000011	0.000328
		2	0.000391	-0.000370		0.000011	0.000381
		3	0.000539	-0.000497		0.000021	0.000518
99 TRY S41	0.0250000						
					0.002478		

					0.012294		
1	1	-0.000448	0.000479		0.000015	-0.000464	
	2	-0.000529	0.000549		0.000010	-0.000539	
	3	-0.000507	0.000521		0.000007	-0.000514	
2	1	-0.000571	0.000592		0.000011	-0.000582	
	2	-0.000645	0.000666		0.000011	-0.000656	
	3	-0.000698	0.000730		0.000016	-0.000714	
3	1	-0.001005	0.000994		-0.000005	-0.001000	
	2	-0.001047	0.001047		0.000000	-0.001047	
	3	-0.001079	0.001090		0.000005	-0.001084	
100 TRX S41	0.0250000						
					-0.001493		
					-0.007509		
1	1	0.000085	-0.000070		0.000007	0.000077	
	2	0.000104	-0.000090		0.000007	0.000097	
	3	0.000123	-0.000110		0.000006	0.000116	
2	1	0.000127	-0.000116		0.000005	0.000122	
	2	0.000222	-0.000222		0.000000	0.000222	
	3	0.000275	-0.000264		0.000005	0.000270	
3	1	0.000286	-0.000296		-0.000005	0.000291	
	2	0.000286	-0.000286		0.000000	0.000286	
	3	0.000296	-0.000286		0.000005	0.000291	
101 BTY S41..42 R	0.0010000						
					0.001757		
					0.008943		
1	1	-0.000349	0.000405		0.000028	-0.000377	
	2	-0.000424	0.000471		0.000023	-0.000447	
	3	-0.000420	0.000462		0.000021	-0.000441	
2	1	-0.000307	0.000328		0.000011	-0.000317	
	2	-0.000360	0.000370		0.000005	-0.000365	
	3	-0.000381	0.000413		0.000016	-0.000397	
3	1	-0.002909	0.002930		0.000011	-0.002919	
	2	-0.002951	0.002972		0.000011	-0.002962	
	3	-0.002972	0.003015		0.000021	-0.002993	
102 BTX S41..42 R	0.0010000						
					-0.001185		
					-0.005582		
1	1	0.000133	-0.000092		0.000021	0.000113	
	2	0.000185	-0.000147		0.000019	0.000166	
	3	0.000216	-0.000181		0.000017	0.000198	
2	1	0.000254	-0.000243		0.000005	0.000249	
	2	0.000349	-0.000349		0.000000	0.000349	
	3	0.000413	-0.000402		0.000005	0.000407	
3	1	-0.000106	0.000116		0.000005	-0.000111	
	2	-0.000042	0.000063		0.000011	-0.000053	
	3	0.000063	-0.000032		0.000016	0.000048	
103 DSY S41..42	0.0800000						
					-0.002241		
					-0.011093		
1	1	0.000431	-0.000406		0.000012	0.000418	
	2	0.000494	-0.000478		0.000008	0.000486	
	3	0.000470	-0.000458		0.000006	0.000464	
2	1	0.000539	-0.000518		0.000011	0.000529	
	2	0.000603	-0.000592		0.000005	0.000598	
	3	0.000656	-0.000635		0.000011	0.000645	
3	1	0.000899	-0.000910		-0.000005	0.000904	
	2	0.000941	-0.000952		-0.000005	0.000947	
	3	0.000984	-0.000973		0.000005	0.000978	
104 DSX S41..42	0.0800000						
					-0.001352		
					-0.006776		
1	1	0.000075	-0.000063		0.000006	0.000069	
	2	0.000093	-0.000083		0.000005	0.000088	
	3	0.000110	-0.000100		0.000005	0.000105	
2	1	0.000116	-0.000106		0.000005	0.000111	
	2	0.000201	-0.000201		0.000000	0.000201	
	3	0.000254	-0.000243		0.000005	0.000249	
3	1	0.000254	-0.000264		-0.000005	0.000259	
	2	0.000254	-0.000264		-0.000005	0.000259	
	3	0.000264	-0.000254		0.000005	0.000259	
105 DLX S2	0.0250000						
					0.000000		
					0.000000		
1	1	-0.000864	0.000260		-0.000302	-0.000562	
	2	0.000369	0.000000		0.000185	0.000185	
	3	0.000000	0.000000		0.000000	0.000000	
2	1	0.000000	0.001132		0.000566	-0.000566	
	2	0.000000	0.000000		0.000000	0.000000	
	3	-0.000349	0.000000		-0.000175	-0.000175	
3	1	0.000000	0.000000		0.000000	0.000000	
	2	0.002412	0.000000		0.001206	0.001206	
	3	0.000000	0.000000		0.000000	0.000000	
106 DLY S2	0.0250000						
					0.000000		
					0.000000		
1	1	0.000282	-0.000021		0.000131	0.000152	
	2	-0.000056	0.000000		-0.000028	-0.000028	
	3	0.000000	0.000000		0.000000	0.000000	
2	1	0.000000	0.000000		0.000000	0.000000	
	2	0.000000	0.000000		0.000000	0.000000	
	3	-0.000116	-0.000074		-0.000095	-0.000021	
3	1	0.000000	0.000000		0.000000	0.000000	
	2	0.000000	0.000000		0.000000	0.000000	
	3	0.000000	0.000000		0.000000	0.000000	
107 DLZ S2	0.0250000						
					-0.034987		
					0.011694		
1	1	0.002893	0.000548		0.001720	0.001173	
	2	0.002306	0.001195		0.001751	0.000555	

		3	0.001864	0.002972		0.002418	-0.000554
	2	1	-0.004242	0.006770		0.001264	-0.005506
		2	-0.005257	0.005818		0.000280	-0.005537
		3	-0.005067	0.005289		0.000111	-0.005178
	3	1	-0.004580	0.004823		0.000122	-0.004702
		2	-0.004337	0.007024		0.001343	-0.005680
		3	-0.003882	0.004136		0.000127	-0.004009
108 DLA S2	0.0010000				0.000287		
					0.001017		
	1	1	-0.000069	0.000324		0.000127	-0.000196
		2	-0.000038	0.000410		0.000186	-0.000224
		3	0.000107	0.001618		0.000863	-0.000756
	2	1	-0.000804	0.001047		0.000122	-0.000926
		2	0.000074	-0.000063		0.000005	0.000069
		3	-0.000021	-0.000159		-0.000090	0.000069
	3	1	0.001333	-0.001333		0.000000	0.001333
		2	0.001343	-0.002634		-0.000645	0.001989
		3	0.001354	-0.001333		0.000011	0.001343
109 DLB S2	0.0010000				-0.000849		
					-0.001638		
	1	1	-0.000843	-0.000385		-0.000614	-0.000229
		2	0.000834	-0.000369		0.000232	0.000601
		3	0.001556	0.000731		0.001143	0.000413
	2	1	-0.000867	0.001671		0.000402	-0.001269
		2	-0.000444	0.000518		0.000037	-0.000481
		3	-0.000254	0.000286		0.000016	-0.000270
	3	1	-0.000793	0.000814		0.000011	-0.000804
		2	0.001724	-0.002232		-0.000254	0.001978
		3	-0.000698	-0.001989		-0.001343	0.000645
110 HOM S4	0.500E-05 C						
110 HOM S38	0.500E-05				0.000000		
					0.000000		
	1	1	0.000000	0.000000		0.000000	0.000000
		2	0.000000	0.000000		0.000000	0.000000
		3	0.000000	0.000000		0.000000	0.000000
	2	1	0.000000	0.000000		0.000000	0.000000
		2	0.000000	0.000000		0.000000	0.000000
		3	0.000000	0.000000		0.000000	0.000000
	3	1	0.000000	0.000000		0.000000	0.000000
		2	0.000000	0.000000		0.000000	0.000000
		3	0.000000	0.000000		0.000000	0.000000
111 HOM S6	0.500E-05 C						
111 HOM S36	0.500E-05				0.000000		
					0.000000		
	1	1	0.000000	0.000000		0.000000	0.000000
		2	0.000000	0.000000		0.000000	0.000000
		3	0.000000	0.000000		0.000000	0.000000
	2	1	0.000000	0.000000		0.000000	0.000000
		2	0.000000	0.000000		0.000000	0.000000
		3	0.000000	0.000000		0.000000	0.000000
	3	1	0.000000	0.000000		0.000000	0.000000
		2	0.000000	0.000000		0.000000	0.000000
		3	0.000000	0.000000		0.000000	0.000000
112 HOM S8	0.500E-05 C						
112 HOM S34	0.500E-05				0.000000		
					0.000000		
	1	1	0.000000	0.000000		0.000000	0.000000
		2	0.000000	0.000000		0.000000	0.000000
		3	0.000000	0.000000		0.000000	0.000000
	2	1	0.000000	0.000000		0.000000	0.000000
		2	0.000000	0.000000		0.000000	0.000000
		3	0.000000	0.000000		0.000000	0.000000
	3	1	0.000000	0.000000		0.000000	0.000000
		2	0.000000	0.000000		0.000000	0.000000
		3	0.000000	0.000000		0.000000	0.000000
113 HOM S10	0.500E-05 C						
113 HOM S32	0.500E-05				0.000000		
					0.000000		
	1	1	0.000000	0.000000		0.000000	0.000000
		2	0.000000	0.000000		0.000000	0.000000
		3	0.000000	0.000000		0.000000	0.000000
	2	1	0.000000	0.000000		0.000000	0.000000
		2	0.000000	0.000000		0.000000	0.000000
		3	0.000000	0.000000		0.000000	0.000000
	3	1	0.000000	0.000000		0.000000	0.000000
		2	0.000000	0.000000		0.000000	0.000000
		3	0.000000	0.000000		0.000000	0.000000
114 HOM S12	0.500E-05 C						
114 HOM S30	0.500E-05				0.000000		
					0.000000		
	1	1	0.000000	0.000000		0.000000	0.000000
		2	0.000000	0.000000		0.000000	0.000000
		3	0.000000	0.000000		0.000000	0.000000
	2	1	0.000000	0.000000		0.000000	0.000000
		2	0.000000	0.000000		0.000000	0.000000
		3	0.000000	0.000000		0.000000	0.000000
	3	1	0.000000	0.000000		0.000000	0.000000
		2	0.000000	0.000000		0.000000	0.000000
		3	0.000000	0.000000		0.000000	0.000000
115 HOM S14	0.500E-05 C						
115 HOM S28	0.500E-05				0.000000		
					0.000000		

					0.000000		
	1	1	0.000000	0.000000		0.000000	0.000000
		2	0.000000	0.000000		0.000000	0.000000
		3	0.000000	0.000000		0.000000	0.000000
	2	1	0.000000	0.000000		0.000000	0.000000
		2	0.000000	0.000000		0.000000	0.000000
		3	0.000000	0.000000		0.000000	0.000000
	3	1	0.000000	0.000000		0.000000	0.000000
		2	0.000000	0.000000		0.000000	0.000000
		3	0.000000	0.000000		0.000000	0.000000
116 HOM S17			0.500E-05	C			
116 HOM S25			0.500E-05				
					0.000000		
					0.000000		
	1	1	0.000000	0.000000		0.000000	0.000000
		2	0.000000	0.000000		0.000000	0.000000
		3	0.000000	0.000000		0.000000	0.000000
	2	1	0.000000	0.000000		0.000000	0.000000
		2	0.000000	0.000000		0.000000	0.000000
		3	0.000000	0.000000		0.000000	0.000000
	3	1	0.000000	0.000000		0.000000	0.000000
		2	0.000000	0.000000		0.000000	0.000000
		3	0.000000	0.000000		0.000000	0.000000
117 BTY S10..15			0.0003000	C			
117 BTY S28..33	R		0.0003000				
					0.002757		
					0.014942		
	1	1	-0.004883	0.020264		0.007691	-0.012573
		2	-0.004747	0.019864		0.007558	-0.012306
		3	-0.003002	0.018203		0.007601	-0.010603
	2	1	0.002359	0.009330		0.005844	-0.003485
		2	0.003279	0.008579		0.005929	-0.002650
		3	0.003776	0.007849		0.005812	-0.002036
	3	1	-0.016194	0.018966		0.001386	-0.017580
		2	-0.016163	0.018966		0.001402	-0.017564
		3	-0.015835	0.018670		0.001417	-0.017252
118 BTX S10..15			0.0003000	C			
118 BTX S28..33	R		0.0003000				
					-0.000378		
					-0.001544		
	1	1	0.006690	0.010341		0.008516	-0.001825
		2	0.007423	0.009241		0.008332	-0.000909
		3	0.009071	0.007153		0.008112	0.000959
	2	1	0.014735	-0.001735		0.006500	0.008235
		2	0.018712	-0.007201		0.005755	0.012957
		3	0.020288	-0.010248		0.005020	0.015268
	3	1	0.014840	-0.010514		0.002163	0.012677
		2	0.013561	-0.009351		0.002105	0.011456
		3	0.011900	-0.007764		0.002068	0.009832
119 DSY S10..15			0.0250000	C			
119 DSY S28..33			0.0250000				
					-0.006090		
					-0.027636		
	1	1	0.041289	0.002141		0.021715	0.019574
		2	0.040348	0.002382		0.021365	0.018983
		3	0.037150	0.005370		0.021260	0.015890
	2	1	0.017707	0.008748		0.013227	0.004480
		2	0.016374	0.010239		0.013307	0.003068
		3	0.015031	0.010768		0.012899	0.002131
	3	1	0.034007	-0.028232		0.002888	0.031120
		2	0.034145	-0.028348		0.002898	0.031246
		3	0.033785	-0.027978		0.002904	0.030882
120 DSX S10..15			0.0250000	C			
120 DSX S28..33			0.0250000				
					-0.002262		
					-0.006272		
	1	1	0.026332	0.027147		0.026739	-0.000407
		2	0.026288	0.025838		0.026063	0.000225
		3	0.027008	0.022931		0.024970	0.002038
	2	1	0.029332	0.003607		0.016469	0.012862
		2	0.034970	-0.006073		0.014449	0.020521
		3	0.036673	-0.011695		0.012489	0.024184
	3	1	0.022298	-0.012006		0.005146	0.017152
		2	0.020626	-0.010662		0.004982	0.015644
		3	0.018733	-0.008991		0.004871	0.013862
121 RLY S12..15			0.0250000	C			
121 RLY S28..31	R		0.0250000				
					-0.004387		
					-0.019026		
	1	1	0.026237	-0.005699		0.010269	0.015968
		2	0.025446	-0.005115		0.010165	0.015281
		3	0.022841	-0.002330		0.010256	0.012586
	2	1	0.008684	0.002888		0.005786	0.002898
		2	0.007679	0.003935		0.005807	0.001872
		3	0.006812	0.004390		0.005601	0.001211
	3	1	0.020954	-0.018490		0.001232	0.019722
		2	0.021081	-0.018606		0.001238	0.019844
		3	0.020880	-0.018416		0.001232	0.019648
122 RLX S12..15			0.0250000	C			
122 RLX S28..31	R		0.0250000				
					0.000594		
					0.005400		
	1	1	0.013717	0.014513		0.014115	-0.000398
		2	0.012964	0.014319		0.013642	-0.000678
		3	0.011064	0.014755		0.012910	-0.001845
	2	1	-0.001809	0.016924		0.007558	-0.009367
		2	-0.008366	0.021335		0.006485	-0.014851
		3	-0.011763	0.022805		0.005521	-0.017284
	3	1	-0.008843	0.013201		0.002179	-0.011022
		2	-0.007933	0.012143		0.002105	-0.010038

		3	-0.006854	0.010980		0.002063	-0.008917
123 RLX S14..15	0.0250000	C					
123 RLX S28..29	0.0250000	R					
					0.002062		
					0.004098		
	1	1	0.001049	0.000368		0.000709	0.000341
		2	0.000792	0.000590		0.000691	0.000101
		3	0.000337	0.000977		0.000657	-0.000320
	2	1	-0.001904	0.002687		0.000391	-0.002295
		2	-0.003216	0.003871		0.000328	-0.003544
		3	-0.003840	0.004400		0.000280	-0.004120
	3	1	-0.002158	0.002454		0.000148	-0.002306
		2	-0.002020	0.002306		0.000143	-0.002163
		3	-0.001872	0.002168		0.000148	-0.002020
124 RLY S14..15	0.0250000	C					
124 RLY S28..29	0.0250000	R					
					-0.001983		
					-0.009605		
	1	1	0.004049	-0.002964		0.000543	0.003507
		2	0.003965	-0.002933		0.000516	0.003449
		3	0.003454	-0.002428		0.000513	0.002941
	2	1	0.001375	-0.000719		0.000328	0.001047
		2	0.001185	-0.000529		0.000328	0.000857
		3	0.001058	-0.000402		0.000328	0.000730
	3	1	0.007013	-0.006897		0.000058	0.006955
		2	0.007055	-0.006939		0.000058	0.006997
		3	0.007024	-0.006886		0.000069	0.006955
125 DLZ S5	0.0250000	C					
125 DLZ S38	0.0250000						
					0.041925		
					-0.000989		
	1	1	-0.000272	0.001431		0.000580	-0.000852
		2	0.000012	0.001078		0.000545	-0.000533
		3	0.000287	0.000725		0.000506	-0.000219
	2	1	0.003575	-0.003395		0.000090	0.003485
		2	0.003522	-0.003374		0.000074	0.003448
		3	0.003406	-0.003247		0.000079	0.003327
	3	1	0.003311	-0.003258		0.000026	0.003284
		2	0.003194	-0.003131		0.000032	0.003163
		3	0.002972	-0.002898		0.000037	0.002935
126 DSZ S4..5	0.0250000	C					
126 DSZ S38..39	0.0250000						
					0.034647		
					-0.001182		
	1	1	-0.000333	0.001116		0.000391	-0.000725
		2	-0.000102	0.000838		0.000368	-0.000470
		3	0.000117	0.000565		0.000341	-0.000224
	2	1	0.002972	-0.002845		0.000063	0.002909
		2	0.002941	-0.002835		0.000053	0.002888
		3	0.002845	-0.002740		0.000053	0.002793
	3	1	0.002803	-0.002771		0.000016	0.002787
		2	0.002697	-0.002655		0.000021	0.002676
		3	0.002507	-0.002454		0.000026	0.002480
127 DLZ S6	0.0250000	C					
127 DLZ S37	0.0250000						
					0.014900		
					-0.008090		
	1	1	0.000136	0.000055		0.000096	0.000041
		2	0.000110	0.000072		0.000091	0.000019
		3	-0.000041	0.000214		0.000086	-0.000127
	2	1	0.000920	-0.000878		0.000021	0.000899
		2	0.000973	-0.000941		0.000016	0.000957
		3	0.000973	-0.000931		0.000021	0.000952
	3	1	0.000751	-0.000740		0.000005	0.000746
		2	0.000656	-0.000656		0.000000	0.000656
		3	0.000529	-0.000497		0.000016	0.000513
128 DSZ S6..7	0.0250000	C					
128 DSZ S36..37	0.0250000						
					0.014168		
					-0.008808		
	1	1	0.000343	-0.000124		0.000109	0.000233
		2	0.000257	-0.000048		0.000105	0.000152
		3	0.000005	0.000194		0.000099	-0.000094
	2	1	0.000719	-0.000666		0.000026	0.000693
		2	0.000793	-0.000751		0.000021	0.000772
		3	0.000793	-0.000751		0.000021	0.000772
	3	1	0.000465	-0.000455		0.000005	0.000460
		2	0.000370	-0.000360		0.000005	0.000365
		3	0.000222	-0.000190		0.000016	0.000206
129 DLZ S9	0.0250000	C					
129 DLZ S34	0.0250000						
					0.022619		
					-0.006183		
	1	1	0.000060	0.000372		0.000216	-0.000156
		2	0.000020	0.000391		0.000206	-0.000186
		3	-0.000178	0.000565		0.000194	-0.000371
	2	1	0.001449	-0.001343		0.000053	0.001396
		2	0.001544	-0.001449		0.000048	0.001497
		3	0.001502	-0.001407		0.000048	0.001454
	3	1	0.001407	-0.001375		0.000016	0.001391
		2	0.001227	-0.001195		0.000016	0.001211
		3	0.000973	-0.000931		0.000021	0.000952
130 DSZ S8..9	0.0250000	C					
130 DSZ S34..35	0.0250000						
					-0.002621		
					-0.001567		
	1	1	0.000526	-0.000452		0.000037	0.000489
		2	0.000343	-0.000270		0.000036	0.000306
		3	0.000043	0.000022		0.000033	0.000011

	2	1	-0.000624	0.000645	0.000011	-0.000635
		2	-0.000571	0.000582	0.000005	-0.000576
		3	-0.000550	0.000571	0.000011	-0.000561
	3	1	-0.000561	0.000550	-0.000005	-0.000555
		2	-0.000614	0.000614	-0.000000	-0.000614
		3	-0.000666	0.000688	0.000011	-0.000677

131 DSZ S10..15 0.0250000 C
 131 DSZ S28..33 0.0250000

0.004865
 0.003637

	1	1	-0.000915	0.001227	0.000156	-0.001071
		2	-0.000556	0.000861	0.000152	-0.000709
		3	0.000029	0.000250	0.000139	-0.000111
	2	1	0.001290	-0.001227	0.000032	0.001259
		2	0.001174	-0.001121	0.000026	0.001148
		3	0.001153	-0.001100	0.000026	0.001127
	3	1	0.001470	-0.001449	0.000011	0.001460
		2	0.001576	-0.001555	0.000011	0.001565
		3	0.001692	-0.001650	0.000021	0.001671

132 DLZ S41 0.0500000

-0.018481
 -0.000786

	1	1	0.000199	-0.000178	0.000011	0.000188
		2	0.000116	-0.000097	0.000010	0.000107
		3	-0.000003	0.000021	0.000009	-0.000012
	2	1	-0.000307	0.000317	0.000005	-0.000312
		2	-0.000307	0.000307	0.000000	-0.000307
		3	-0.000296	0.000307	0.000005	-0.000301
	3	1	-0.001058	0.001058	0.000000	-0.001058
		2	-0.001079	0.001068	-0.000005	-0.001074
		3	-0.001090	0.001100	0.000005	-0.001095

133 DSZ S41..42 0.0500000

-0.002054
 0.000683

	1	1	0.000186	-0.000172	0.000007	0.000179
		2	0.000126	-0.000113	0.000006	0.000120
		3	0.000040	-0.000029	0.000006	0.000034
	2	1	-0.000317	0.000317	0.000000	-0.000317
		2	-0.000360	0.000349	-0.000005	-0.000354
		3	-0.000370	0.000381	-0.000005	-0.000376
	3	1	-0.001195	0.001185	-0.000005	-0.001190
		2	-0.001195	0.001195	0.000000	-0.001195
		3	-0.001185	0.001195	0.000005	-0.001190

134 DLZ S17 0.0250000 C
 134 DLZ S26 0.0250000

0.000001
 -0.000009

	1	1	-0.000016	0.000015	0.000000	-0.000015
		2	-0.000011	0.000011	0.000000	-0.000011
		3	-0.000005	0.000005	0.000000	-0.000005
	2	1	0.000011	0.000000	0.000005	0.000005
		2	0.000011	-0.000011	0.000000	0.000011
		3	0.000021	-0.000011	0.000005	0.000016
	3	1	0.000000	0.000000	0.000000	0.000000
		2	0.000000	0.000000	0.000000	0.000000
		3	0.000000	0.000011	0.000005	-0.000005

135 DLZ S22 0.0500000

0.000020
 0.000226

	1	1	0.000122	-0.000107	0.000007	0.000114
		2	0.000104	-0.000103	0.000001	0.000103
		3	0.000069	-0.000068	0.000001	0.000068
	2	1	-0.000032	0.000042	0.000005	-0.000037
		2	-0.000032	0.000021	-0.000005	-0.000026
		3	-0.000021	0.000021	0.000000	-0.000021
	3	1	-0.000307	0.000296	-0.000005	-0.000301
		2	-0.000307	0.000307	0.000000	-0.000307
		3	-0.000307	0.000317	0.000005	-0.000312

PROBABLE CHANGE IN
 RMS angular resolution (arc sec)

	1	1	0.511820
		2	0.501839
		3	0.482308
	2	1	0.357007
		2	0.353308
		3	0.341684
	3	1	0.283969
		2	0.282170
		3	0.276024

PROBABLE CHANGE IN COMPENSATORS

THI S42 0.435290
 BDE S44 0.212502

CUMULATIVE PROBABILITY
 Change in RMS angular resolution (arc sec)

Zoom	Field	50.0%	84.1%	97.7%	99.9%
1	1	0.327218	0.419519	0.511820	0.604121
	2	0.321043	0.411441	0.501839	0.592238
	3	0.310700	0.396504	0.482308	0.568112
2	1	0.210142	0.283574	0.357007	0.430440
	2	0.198262	0.275785	0.353308	0.430830
	3	0.182521	0.262103	0.341684	0.421266
3	1	0.070030	0.177000	0.283969	0.390939
	2	0.069682	0.175926	0.282170	0.388415
	3	0.067560	0.171792	0.276024	0.380256

	Tolerance	Value
1	DLF S2	0.2000000
2	DLF S4	4.0000000 C
2	DLF S39	4.0000000
3	DLF S5	4.0000000 C
3	DLF S38	4.0000000
4	DLF S6	2.0000000 C
4	DLF S37	2.0000000
5	DLF S7	2.0000000 C
5	DLF S36	2.0000000
6	DLF S8	2.0000000 C
6	DLF S35	2.0000000
7	DLF S9	2.0000000 C
7	DLF S34	2.0000000
8	DLF S10	2.0000000 C
8	DLF S33	2.0000000
9	DLF S11	2.0000000 C
9	DLF S32	2.0000000
10	DLF S12	2.0000000 C
10	DLF S31	2.0000000
11	DLF S13	2.0000000 C
11	DLF S30	2.0000000
12	DLF S14	2.0000000 C
12	DLF S29	2.0000000
13	DLF S15	2.0000000 C
13	DLF S28	2.0000000
14	DLF S17	2.0000000 C
14	DLF S26	2.0000000
15	DLF S18	2.0000000 C
15	DLF S25	2.0000000
16	DLF S22	2.0000000
17	DLF S41	6.0000000
18	DLF S42	6.0000000
19	DLR S4	0.0200000 C
19	DLR S39	0.0200000
20	DLR S5	0.0200000 C
20	DLR S38	0.0200000
21	DLR S6	0.0200000 C
21	DLR S37	0.0200000
22	DLR S8	0.0200000 C
22	DLR S35	0.0200000
23	DLR S9	0.0200000 C
23	DLR S34	0.0200000
24	DLR S11	0.0200000 C
24	DLR S32	0.0200000
25	DLR S12	0.0200000 C
25	DLR S31	0.0200000
26	DLR S13	0.0200000 C
26	DLR S30	0.0200000
27	DLR S14	0.0200000 C
27	DLR S29	0.0200000
28	DLR S15	0.0200000 C
28	DLR S28	0.0200000
29	DLR S41	0.1000000
30	DLT S10	-0.0400000 C
30	DLT S32	0.0400000
31	DLT S11	-0.0200000 C
31	DLT S31	0.0200000
32	DLT S12	-0.3000000 C
32	DLT S30	0.3000000
33	DLT S13	-0.0200000 C
33	DLT S29	0.0200000
34	DLT S14	-0.0200000 C
34	DLT S28	0.0200000
35	DLT S15	-0.2000000 C
35	DLT S27	0.2000000
36	DLT S17	-0.2000000 C
36	DLT S25	0.2000000
37	DLT S18	0.2000000
38	DLT S39	0.1000000
39	CYD S2	0.2000000
40	CYD S4	0.5000000 C
40	CYD S39	0.5000000
41	CYD S5	0.5000000 C
41	CYD S38	0.5000000
42	CYD S6	0.5000000 C
42	CYD S37	0.5000000
43	CYD S7	0.5000000 C
43	CYD S36	0.5000000
44	CYD S8	0.5000000 C
44	CYD S35	0.5000000
45	CYD S9	0.5000000 C
45	CYD S34	0.5000000
46	CYD S10	0.5000000 C
46	CYD S33	0.5000000
47	CYD S11	0.5000000 C
47	CYD S32	0.5000000
48	CYD S12	0.5000000 C
48	CYD S31	0.5000000
49	CYD S13	0.5000000 C
49	CYD S30	0.5000000
50	CYD S14	0.5000000 C
50	CYD S29	0.5000000
51	CYD S15	0.5000000 C
51	CYD S28	0.5000000
52	CYD S17	0.5000000 C
52	CYD S26	0.5000000
53	CYD S18	0.5000000 C
53	CYD S25	0.5000000
54	CYD S41	3.0000000
55	CYD S42	3.0000000
56	CYN S2	0.2000000
57	CYN S4	0.5000000 C
57	CYN S39	0.5000000
58	CYN S5	0.5000000 C

58	CYN	S38		0.5000000
59	CYN	S6		0.5000000 C
59	CYN	S37		0.5000000
60	CYN	S7		0.5000000 C
60	CYN	S36		0.5000000
61	CYN	S8		0.5000000 C
61	CYN	S35		0.5000000
62	CYN	S9		0.5000000 C
62	CYN	S34		0.5000000
63	CYN	S10		0.5000000 C
63	CYN	S33		0.5000000
64	CYN	S11		0.5000000 C
64	CYN	S32		0.5000000
65	CYN	S12		0.5000000 C
65	CYN	S31		0.5000000
66	CYN	S13		0.5000000 C
66	CYN	S30		0.5000000
67	CYN	S14		0.5000000 C
67	CYN	S29		0.5000000
68	CYN	S15		0.5000000 C
68	CYN	S28		0.5000000
69	CYN	S17		0.5000000 C
69	CYN	S26		0.5000000
70	CYN	S18		0.5000000 C
70	CYN	S25		0.5000000
71	CYN	S41		3.0000000
72	CYN	S42		3.0000000
73	TRY	S4		0.0250000 C
73	TRY	S39		0.0250000
74	TRX	S4		0.0250000 C
74	TRX	S39		0.0250000
75	BTY	S4..5		0.0003000 C
75	BTY	S38..39	R	0.0003000
76	BTX	S4..5		0.0003000 C
76	BTX	S38..39	R	0.0003000
77	DSY	S4..5		0.0800000 C
77	DSY	S38..39	R	0.0800000
78	DSX	S4..5		0.0800000 C
78	DSX	S38..39	R	0.0800000
79	TRY	S6		0.0250000 C
79	TRY	S37		0.0250000
80	TRX	S6		0.0250000 C
80	TRX	S37		0.0250000
81	BTY	S6..7		0.0002000 C
81	BTY	S36..37	R	0.0002000
82	BTX	S6..7		0.0002000 C
82	BTX	S36..37	R	0.0002000
83	DSY	S6..7		0.0200000 C
83	DSY	S36..37	R	0.0200000
84	DSX	S6..7		0.0200000 C
84	DSX	S36..37	R	0.0200000
85	TRY	S8		0.0250000 C
85	TRY	S35		0.0250000
86	TRX	S8		0.0250000 C
86	TRX	S35		0.0250000
87	BTY	S8..9		0.0002000 C
87	BTY	S34..35	R	0.0002000
88	BTX	S8..9		0.0002000 C
88	BTX	S34..35	R	0.0002000
89	DSY	S8..9		0.0200000 C
89	DSY	S34..35	R	0.0200000
90	DSX	S8..9		0.0200000 C
90	DSX	S34..35	R	0.0200000
91	TRY	S10		0.0250000 C
91	TRY	S33		0.0250000
92	TRX	S10		0.0250000 C
92	TRX	S33		0.0250000
93	TRY	S12		0.0250000 C
93	TRY	S31		0.0250000
94	TRX	S12		0.0250000 C
94	TRX	S31		0.0250000
95	TRY	S14		0.0250000 C
95	TRY	S29		0.0250000
96	TRX	S14		0.0250000 C
96	TRX	S29		0.0250000
97	DLA	S22		0.0003000
98	DLB	S22		0.0003000
99	TRY	S41		0.0250000
100	TRX	S41		0.0250000
101	BTY	S41..42	R	0.0010000
102	BTX	S41..42	R	0.0010000
103	DSY	S41..42		0.0800000
104	DSX	S41..42		0.0800000
105	DLX	S2		0.0250000
106	DLY	S2		0.0250000
107	DLZ	S2		0.0250000
108	DLA	S2		0.0010000
109	DLB	S2		0.0010000
110	HOM	S4		0.500E-05 C
110	HOM	S38		0.500E-05
111	HOM	S6		0.500E-05 C
111	HOM	S36		0.500E-05
112	HOM	S8		0.500E-05 C
112	HOM	S34		0.500E-05
113	HOM	S10		0.500E-05 C
113	HOM	S32		0.500E-05
114	HOM	S12		0.500E-05 C
114	HOM	S30		0.500E-05
115	HOM	S14		0.500E-05 C
115	HOM	S28		0.500E-05
116	HOM	S17		0.500E-05 C
116	HOM	S25		0.500E-05
117	BTY	S10..15		0.0003000 C
117	BTY	S28..33	R	0.0003000
118	BTX	S10..15		0.0003000 C
118	BTX	S28..33	R	0.0003000
119	DSY	S10..15		0.0250000 C

```

119 DSY S28..33          0.0250000
120 DSX S10..15         0.0250000 C
120 DSX S28..33         0.0250000
121 RLY S12..15         0.0250000 C
121 RLY S28..31        R 0.0250000
122 RLX S12..15         0.0250000 C
122 RLX S28..31        R 0.0250000
123 RLX S14..15         0.0250000 C
123 RLX S28..29        R 0.0250000
124 RLY S14..15         0.0250000 C
124 RLY S28..29        R 0.0250000
125 DLZ S5              0.0250000 C
125 DLZ S38            0.0250000
126 DSZ S4..5          0.0250000 C
126 DSZ S38..39        0.0250000
127 DLZ S6             0.0250000 C
127 DLZ S37            0.0250000
128 DSZ S6..7          0.0250000 C
128 DSZ S36..37        0.0250000
129 DLZ S9             0.0250000 C
129 DLZ S34            0.0250000
130 DSZ S8..9          0.0250000 C
130 DSZ S34..35        0.0250000
131 DSZ S10..15        0.0250000 C
131 DSZ S28..33        0.0250000
132 DLZ S41            0.0500000
133 DSZ S41..42        0.0500000
134 DLZ S17            0.0250000 C
134 DLZ S26            0.0250000
135 DLZ S22            0.0500000

```

Data for plotting saved in temp9baa.dat

```

res temp9baa.1
File temp9baa.1.len has been restored with tolerances
Lens title: "New Prism, grating, detector size, decenter & rotate fold"
Error function: 0.6295699E+01
res temp9baa.10
File temp9baa.10.len has been restored with tolerances
Lens title: "New Prism, grating, detector size, decenter & rotate fold"
Error function: 0.6295699E+01
res temp9baa.5
File temp9baa.5.len has been restored with tolerances
Lens title: "New Prism, grating, detector size, decenter & rotate fold"
Error function: 0.6295699E+01
res temp9baa.3
File temp9baa.3.len has been restored with tolerances
Lens title: "New Prism, grating, detector size, decenter & rotate fold"
Error function: 0.6295699E+01
res temp9baa.4
File temp9baa.4.len has been restored with tolerances
Lens title: "New Prism, grating, detector size, decenter & rotate fold"
Error function: 0.6295699E+01
sav
System saved in file temp9baa.len with tolerances
tli sa full

```

TOLERANCES
On Surfaces 0 to 44
(135 total)

TOL #	TYPE	VALUE
1	DLF S2	0.2000000
	DLF S4	4.0000000 C
2	DLF S39	4.0000000
	DLF S5	4.0000000 C
3	DLF S38	4.0000000
	DLF S6	2.0000000 C
4	DLF S37	2.0000000
	DLF S7	2.0000000 C
5	DLF S36	2.0000000
	DLF S8	2.0000000 C
6	DLF S35	2.0000000
	DLF S9	2.0000000 C
7	DLF S34	2.0000000
	DLF S10	2.0000000 C
8	DLF S33	2.0000000
	DLF S11	2.0000000 C
9	DLF S32	2.0000000
	DLF S12	2.0000000 C
10	DLF S31	2.0000000
	DLF S13	2.0000000 C
11	DLF S30	2.0000000
	DLF S14	2.0000000 C
12	DLF S29	2.0000000
	DLF S15	2.0000000 C
13	DLF S28	2.0000000
	DLF S17	2.0000000 C
14	DLF S26	2.0000000
	DLF S18	2.0000000 C
15	DLF S25	2.0000000
16	DLF S22	2.0000000
17	DLF S41	6.0000000
18	DLF S42	6.0000000
	DLR S4	0.0200000 C
19	DLR S39	0.0200000
	DLR S5	0.0200000 C
20	DLR S38	0.0200000
	DLR S6	0.0200000 C
21	DLR S37	0.0200000
	DLR S8	0.0200000 C
22	DLR S35	0.0200000
	DLR S9	0.0200000 C
23	DLR S34	0.0200000
	DLR S11	0.0200000 C
24	DLR S32	0.0200000
	DLR S12	0.0200000 C
25	DLR S31	0.0200000

	DLR S13	C	0.0200000
26	DLR S30		0.0200000
	DLR S14	C	0.0200000
27	DLR S29		0.0200000
	DLR S15	C	0.0200000
28	DLR S28		0.0200000
29	DLR S41		0.1000000
	DLT S10	C	-0.0400000
30	DLT S32		0.0400000
	DLT S11	C	-0.0200000
31	DLT S31		0.0200000
	DLT S12	C	-0.3000000
32	DLT S30		0.3000000
	DLT S13	C	-0.0200000
33	DLT S29		0.0200000
	DLT S14	C	-0.0200000
34	DLT S28		0.0200000
	DLT S15	C	-0.2000000
35	DLT S27		0.2000000
	DLT S17	C	-0.2000000
36	DLT S25		0.2000000
37	DLT S18		0.2000000
38	DLT S39		0.1000000
39	CYD S2		0.2000000
	CYD S4	C	0.5000000
40	CYD S39		0.5000000
	CYD S5	C	0.5000000
41	CYD S38		0.5000000
	CYD S6	C	0.5000000
42	CYD S37		0.5000000
	CYD S7	C	0.5000000
43	CYD S36		0.5000000
	CYD S8	C	0.5000000
44	CYD S35		0.5000000
	CYD S9	C	0.5000000
45	CYD S34		0.5000000
	CYD S10	C	0.5000000
46	CYD S33		0.5000000
	CYD S11	C	0.5000000
47	CYD S32		0.5000000
	CYD S12	C	0.5000000
48	CYD S31		0.5000000
	CYD S13	C	0.5000000
49	CYD S30		0.5000000
	CYD S14	C	0.5000000
50	CYD S29		0.5000000
	CYD S15	C	0.5000000
51	CYD S28		0.5000000
	CYD S17	C	0.5000000
52	CYD S26		0.5000000
	CYD S18	C	0.5000000
53	CYD S25		0.5000000
54	CYD S41		3.0000000
55	CYD S42		3.0000000
56	CYN S2		0.2000000
	CYN S4	C	0.5000000
57	CYN S39		0.5000000
	CYN S5	C	0.5000000
58	CYN S38		0.5000000
	CYN S6	C	0.5000000
59	CYN S37		0.5000000
	CYN S7	C	0.5000000
60	CYN S36		0.5000000
	CYN S8	C	0.5000000
61	CYN S35		0.5000000
	CYN S9	C	0.5000000
62	CYN S34		0.5000000
	CYN S10	C	0.5000000
63	CYN S33		0.5000000
	CYN S11	C	0.5000000
64	CYN S32		0.5000000
	CYN S12	C	0.5000000
65	CYN S31		0.5000000
	CYN S13	C	0.5000000
66	CYN S30		0.5000000
	CYN S14	C	0.5000000
67	CYN S29		0.5000000
	CYN S15	C	0.5000000
68	CYN S28		0.5000000
	CYN S17	C	0.5000000
69	CYN S26		0.5000000
	CYN S18	C	0.5000000
70	CYN S25		0.5000000
71	CYN S41		3.0000000
72	CYN S42		3.0000000
	TRY S4	C	0.0250000
73	TRY S39		0.0250000
	TRX S4	C	0.0250000
74	TRX S39		0.0250000
	BTY S4..5	C	0.0003000
75	BTY S38..39	R	0.0003000
	BTX S4..5	C	0.0003000
76	BTX S38..39	R	0.0003000
	DSY S4..5	C	0.0800000
77	DSY S38..39	R	0.0800000
	DSX S4..5	C	0.0800000
78	DSX S38..39	R	0.0800000
	TRY S6	C	0.0250000
79	TRY S37		0.0250000
	TRX S6	C	0.0250000
80	TRX S37		0.0250000
	BTY S6..7	C	0.0002000
81	BTY S36..37	R	0.0002000
	BTX S6..7	C	0.0002000
82	BTX S36..37	R	0.0002000
	DSY S6..7	C	0.0200000
83	DSY S36..37	R	0.0200000

DSX S6..7	C	0.0200000
84 DSX S36..37	R	0.0200000
TRY S8	C	0.0250000
85 TRY S35		0.0250000
TRX S8	C	0.0250000
86 TRX S35		0.0250000
BTY S8..9	C	0.0002000
87 BTY S34..35	R	0.0002000
BTX S8..9	C	0.0002000
88 BTX S34..35	R	0.0002000
DSY S8..9	C	0.0200000
89 DSY S34..35	R	0.0200000
DSX S8..9	C	0.0200000
90 DSX S34..35	R	0.0200000
TRY S10	C	0.0250000
91 TRY S33		0.0250000
TRX S10	C	0.0250000
92 TRX S33		0.0250000
TRY S12	C	0.0025000
93 TRY S31		0.0025000
TRX S12	C	0.0025000
94 TRX S31		0.0025000
TRY S14	C	0.0025000
95 TRY S29		0.0025000
TRX S14	C	0.0025000
96 TRX S29		0.0025000
97 DLA S22		0.0003000
98 DLB S22		0.0003000
99 TRY S41		0.0250000
100 TRX S41		0.0250000
101 BTY S41..42	R	0.0010000
102 BTX S41..42	R	0.0010000
103 DSY S41..42		0.0800000
104 DSX S41..42		0.0800000
105 DLX S2		0.0250000
106 DLY S2		0.0250000
107 DLZ S2		0.0250000
108 DLA S2		0.0010000
109 DLB S2		0.0010000
HOM S4	C	0.500E-05
110 HOM S38		0.500E-05
HOM S6	C	0.500E-05
111 HOM S36		0.500E-05
HOM S8	C	0.500E-05
112 HOM S34		0.500E-05
HOM S10	C	0.500E-05
113 HOM S32		0.500E-05
HOM S12	C	0.500E-05
114 HOM S30		0.500E-05
HOM S14	C	0.500E-05
115 HOM S28		0.500E-05
HOM S17	C	0.500E-05
116 HOM S25		0.500E-05
BTY S10..15	C	0.0003000
117 BTY S28..33	R	0.0003000
BTX S10..15	C	0.0003000
118 BTX S28..33	R	0.0003000
DSY S10..15	C	0.0250000
119 DSY S28..33		0.0250000
DSX S10..15	C	0.0250000
120 DSX S28..33		0.0250000
RLY S12..15	C	0.0250000
121 RLY S28..31	R	0.0250000
RLX S12..15	C	0.0250000
122 RLX S28..31	R	0.0250000
RLX S14..15	C	0.0250000
123 RLX S28..29	R	0.0250000
RLY S14..15	C	0.0250000
124 RLY S28..29	R	0.0250000
DLZ S5	C	0.0250000
125 DLZ S38		0.0250000
DSZ S4..5	C	0.0250000
126 DSZ S38..39		0.0250000
DLZ S6	C	0.0250000
127 DLZ S37		0.0250000
DSZ S6..7	C	0.0250000
128 DSZ S36..37		0.0250000
DLZ S9	C	0.0250000
129 DLZ S34		0.0250000
DSZ S8..9	C	0.0250000
130 DSZ S34..35		0.0250000
DSZ S10..15	C	0.0250000
131 DSZ S28..33		0.0250000
132 DLZ S41		0.0500000
133 DSZ S41..42		0.0500000
DLZ S17	C	0.0250000
134 DLZ S26		0.0250000
135 DLZ S22		0.0500000

COMPENSATORS
On Surfaces 0 to 44
(1 total)

TYPE	VALUE
1 DLZ S44	20.0000000 v