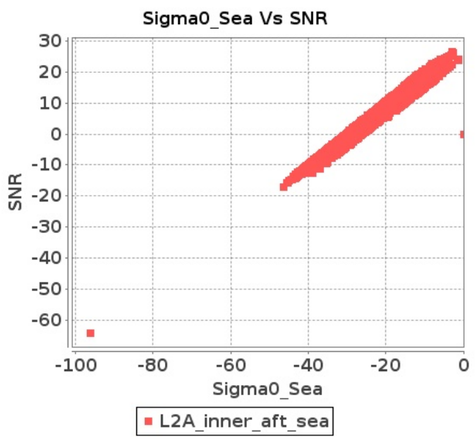
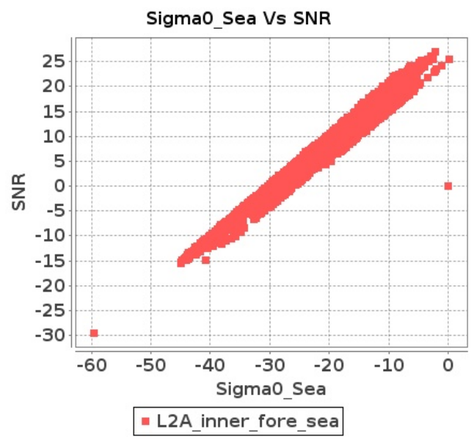
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 10-FEB-2017 To 11-FEB-2017

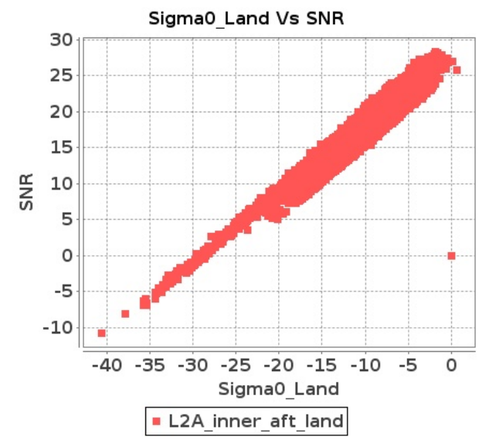
Inner Sea Aft Sigma0VsSNR



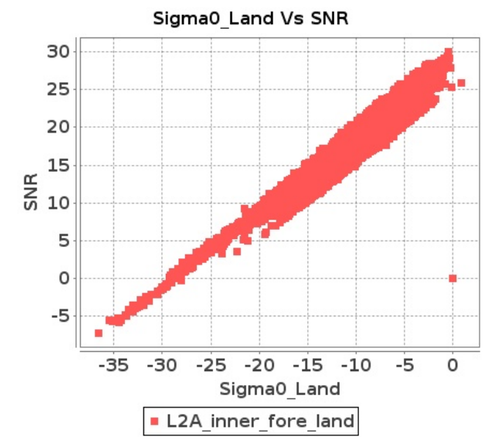
Inner Sea Fore Sigma0VsSNR



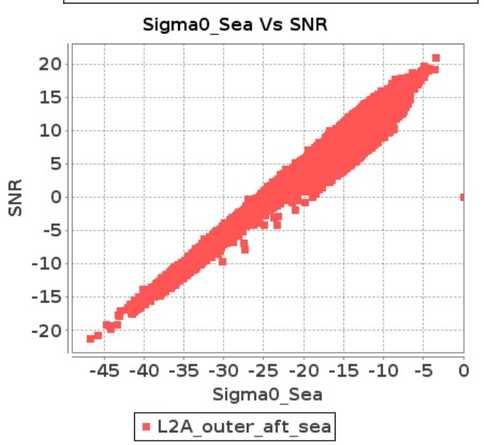
Inner Land Aft Sigma0VsSNR



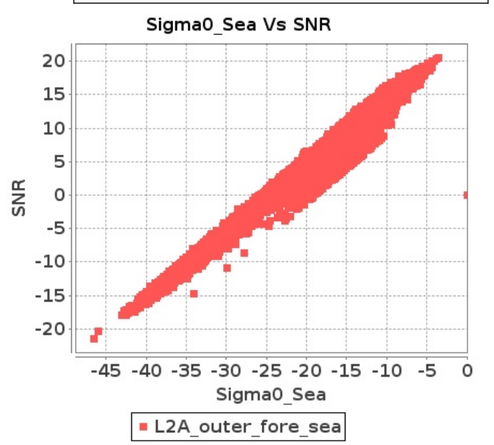
Inner Land Fore Sigma0VsSNR



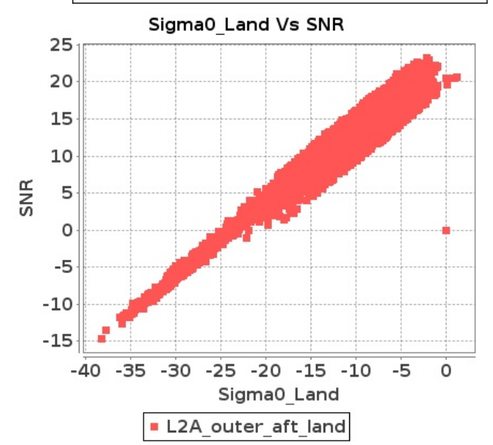
Outer Sea Aft Sigma0VsSNR



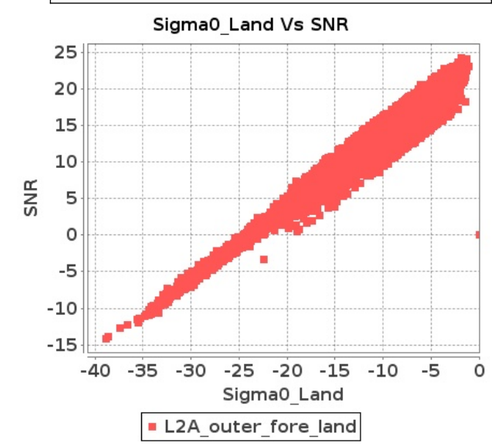
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 10-FEB-2017 To 11-FEB-2017

					SNR												Sigma0											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
Sr No	Start Orbit	End Orbit	Dir.	Ver.	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)
1	1984	1985	SN	1	0.0	48.075	3.373	0.0	52.238	6.621	0.0	45.496	3.452	0.0	48.778	6.912	0.0	48.972	2.942	0.0	49.812	5.496	0.0	40.884	3.09	0.0	45.427	4.948
2	1984	1985	SN	1	0.0	46.866	1.16	0.0	50.814	2.728	0.0	45.657	1.279	0.0	48.082	3.169	0.0	44.88	0.929	0.0	48.813	2.196	0.0	44.421	1.082	0.0	45.137	2.03
3	1984	1985	SN	1	0.0	48.075	3.373	0.0	52.238	6.621	0.0	45.496	3.452	0.0	48.778	6.912	0.0	48.972	2.942	0.0	49.812	5.496	0.0	40.884	3.09	0.0	45.427	4.948
4	1984	1985	SN	1	0.0	46.866	1.16	0.0	50.814	2.728	0.0	45.657	1.279	0.0	48.082	3.169	0.0	44.88	0.929	0.0	48.813	2.196	0.0	44.421	1.082	0.0	45.137	2.03
5	1985	1986	NS	1	0.0	51.761	0.852	0.0	49.442	1.21	0.0	39.238	0.616	0.0	45.374	1.422	0.0	50.548	0.74	0.0	49.423	0.848	0.0	39.715	0.519	0.0	37.832	0.583
6	1985	1986	NS	1	0.0	47.479	3.494	0.0	47.938	4.802	0.0	47.256	2.208	0.0	47.378	4.657	0.0	47.778	3.076	0.0	46.111	3.79	0.0	48.477	2.016	0.0	45.086	2.538
7	1985	1986	NS	1	0.0	47.479	3.494	0.0	47.938	4.802	0.0	47.256	2.208	0.0	47.378	4.657	0.0	47.778	3.076	0.0	46.111	3.79	0.0	48.477	2.016	0.0	45.086	2.538
8	1985	1986	SN	1	0.0	44.396	2.103	0.0	48.396	3.409	0.0	46.52	2.208	0.0	51.532	3.874	0.0	44.867	2.132	0.0	46.207	2.969	0.0	44.626	2.027	0.0	49.686	2.879
9	1985	1986	SN	1	0.0	51.096	6.81	0.0	54.615	9.384	0.0	47.932	5.935	0.0	49.377	9.204	0.0	49.173	6.843	0.0	55.803	8.351	0.0	45.165	6.021	0.0	47.83	7.647
10	1985	1986	SN	1	0.0	51.096	6.81	0.0	54.615	9.384	0.0	47.932	5.935	0.0	49.377	9.204	0.0	49.173	6.843	0.0	55.803	8.351	0.0	45.165	6.021	0.0	47.83	7.647
11	1985	1986	NS	1	0.0	51.761	0.852	0.0	49.442	1.21	0.0	39.238	0.616	0.0	45.374	1.422	0.0	50.548	0.74	0.0	49.423	0.848	0.0	39.715	0.519	0.0	37.832	0.583
12	1985	1986	SN	1	0.0	44.396	2.103	0.0	48.396	3.409	0.0	46.52	2.208	0.0	51.532	3.874	0.0	44.867	2.132	0.0	46.207	2.969	0.0	44.626	2.027	0.0	49.686	2.879
13	1986	1987	NS	1	0.0	51.936	1.254	0.0	45.448	1.829	0.0	43.361	1.401	0.0	43.482	2.264	0.0	50.731	1.178	0.0	42.961	1.511	0.0	42.259	1.274	0.0	37.57	1.285
14	1986	1987	SN	1	0.0	47.966	5.365	0.0	51.673	8.589	0.0	47.148	5.668	0.0	44.38	9.286	0.0	50.69	5.837	0.0	51.444	8.278	0.0	46.369	6.25	0.0	45.362	7.719
15	1986	1987	SN	1	0.0	40.62	1.918	0.0	45.51	3.34	0.0	41.897	2.052	0.0	47.57	4.184	0.0	43.626	2.096	0.0	45.537	3.098	0.0	37.432	2.157	0.0	45.561	3.062
16	1986	1987	NS	1	0.0	55.132	3.885	0.0	50.862	5.378	0.0	43.115	3.663	0.0	47.227	6.129	0.0	54.907	3.668	0.0	51.454	4.684	0.0	43.309	3.791	0.0	49.525	3.918
17	1986	1987	SN	1	0.0	47.966	5.365	0.0	51.673	8.589	0.0	47.148	5.668	0.0	44.38	9.286	0.0	50.69	5.837	0.0	51.444	8.278	0.0	46.369	6.25	0.0	45.362	7.719
18	1986	1987	NS	1	0.0	51.936	1.254	0.0	45.448	1.829	0.0	43.361	1.401	0.0	43.482	2.264	0.0	50.731	1.178	0.0	42.961	1.511	0.0	42.259	1.274	0.0	37.57	1.285
19	1986	1987	SN	1	0.0	40.62	1.918	0.0	45.51	3.34	0.0	41.897	2.052	0.0	47.57	4.184	0.0	43.626	2.096	0.0	45.537	3.098	0.0	37.432	2.157	0.0	45.561	3.062
20	1987	1988	SN	1	0.0	41.913	2.032	0.0	51.204	3.702	0.0	42.397	2.397	0.0	50.394	4.642	0.0	40.164	1.869	0.0	51.357	2.994	0.0	39.096	2.154	0.0	45.361	2.979
21	1987	1988	NS	1	0.0	48.582	2.416	0.0	50.768	2.862	0.0	48.088	2.105	0.0	39.328	3.193	0.0	44.749	2.462	0.0	48.001	2.66	0.0	49.75	2.41	0.0	36.952	2.56
22	1987	1988	NS	1	0.0	48.582	2.416	0.0	50.768	2.862	0.0	48.088	2.105	0.0	39.328	3.193	0.0	44.749	2.462	0.0	48.001	2.66	0.0	49.75	2.41	0.0	36.952	2.56
23	1987	1988	SN	1	0.0	41.913	2.032	0.0	51.204	3.702	0.0	42.397	2.397	0.0	50.394	4.642	0.0	40.164	1.869	0.0	51.357	2.994	0.0	39.096	2.154	0.0	45.361	2.979
24	1987	1988	NS	1	0.0	46.158	7.447	0.0	55.909	9.406	0.0	50.073	6.485	0.0	41.927	8.946	0.0	47.469	7.522	0.0	53.731	8.678	0.0	51.213	7.117	0.0	38.439	7.632
25	1987	1988	SN	1	0.0	41.33	5.598	0.0	50.79	8.91	0.0	41.47	6.106	0.0	50.644	9.911	0.0	44.273	5.374	0.0	51.156	7.578	0.0	39.66	5.985	0.0	46.891	7.005
26	1987	1988	NS	1	0.0	46.158	7.447	0.0	55.909	9.406	0.0	50.073	6.485	0.0	41.927	8.946	0.0	47.469	7.522	0.0	53.731	8.678	0.0	51.213	7.117	0.0	38.439	7.632
27	1987	1988	SN	1	0.0	41.33	5.598	0.0	50.79	8.91	0.0	41.47	6.106	0.0	50.644	9.911	0.0	44.273	5.374	0.0	51.156	7.578	0.0	39.66	5.985	0.0	46.891	7.005
28	1988	1989	NS	1	0.0	53.286	6.043	0.0	48.314	7.166	0.0	49.128	5.172	0.0	39.758	7.588	0.0	53.302	5.859	0.0	47.398	6.165	0.0	53.535	5.37	0.0	38.756	5.543
29	1988	1989	SN	1	0.0	45.958	7.418	0.0	51.682	9.887	0.0	41.455	6.53	0.0	50.228	10.435	0.0	47.631	6.929	0.0	49.825	8.687	0.0	43.537	6.345	0.0	46.83	7.378
30	1988	1989	SN	1	0.0	48.641	2.432	0.0	43.714	3.999	0.0	46.828	2.629	0.0	50.876	4.703	0.0	44.524	2.129	0.0	42.33	3.236	0.0	42.794	2.398	0.0	47.836	2.986
31	1988	1989	NS	1	0.0	49.178	1.751	0.0	44.555	2.025	0.0	38.025	1.634	0.0	45.138	2.43	0.0	49.859	1.751	0.0	42.416	1.684	0.0	38.06	1.809	0.0	41.453	1.667

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Alarming
Deviations
High Errors

32	1988	1989	NS	1	0.0	49.178	1.751	0.0	44.555	2.025	0.0	38.025	1.634	0.0	45.138	2.43	0.0	49.859	1.751	0.0	42.416	1.684	0.0	38.06	1.809	0.0	41.453	1.667
33	1988	1989	SN	1	0.0	45.958	7.418	0.0	51.682	9.887	0.0	41.455	6.53	0.0	50.228	10.435	0.0	47.631	6.929	0.0	49.825	8.687	0.0	43.537	6.345	0.0	46.83	7.378
34	1988	1989	SN	1	0.0	48.641	2.432	0.0	43.714	3.999	0.0	46.828	2.629	0.0	50.876	4.703	0.0	44.524	2.129	0.0	42.33	3.236	0.0	42.794	2.398	0.0	47.836	2.986
35	1988	1989	NS	1	0.0	53.286	6.043	0.0	48.314	7.166	0.0	49.128	5.172	0.0	39.758	7.588	0.0	53.302	5.859	0.0	47.398	6.165	0.0	53.535	5.37	0.0	38.756	5.543
36	1989	1990	NS	1	0.0	45.344	1.734	0.0	48.3	1.879	0.0	47.349	1.673	0.0	43.658	2.586	0.0	47.826	1.774	0.0	46.721	1.636	0.0	46.336	1.783	0.0	39.927	1.76
37	1989	1990	SN	1	0.0	42.066	2.077	0.0	39.52	3.259	0.0	45.067	2.442	0.0	48.91	4.45	0.0	41.337	2.031	0.0	40.296	2.727	0.0	45.874	2.341	0.0	44.859	2.874
38	1989	1990	NS	1	0.0	45.344	1.734	0.0	48.3	1.879	0.0	47.349	1.673	0.0	43.658	2.586	0.0	47.826	1.774	0.0	46.721	1.636	0.0	46.336	1.783	0.0	39.927	1.76
39	1989	1990	SN	1	0.0	44.68	6.382	0.0	48.056	8.419	0.0	45.98	6.182	0.0	49.015	10.028	0.0	44.103	6.249	0.0	47.94	7.395	0.0	50.752	6.203	0.0	45.569	7.449
40	1989	1990	NS	1	0.0	51.574	6.018	0.0	51.719	6.891	0.0	46.26	5.768	0.0	46.359	7.733	0.0	55.886	6.185	0.0	55.138	5.845	0.0	46.556	5.875	0.0	44.311	5.836
41	1989	1990	NS	1	0.0	51.574	6.018	0.0	51.719	6.891	0.0	46.26	5.768	0.0	46.359	7.733	0.0	55.886	6.185	0.0	55.138	5.845	0.0	46.556	5.875	0.0	44.311	5.836
42	1989	1990	SN	1	0.0	44.68	6.382	0.0	48.056	8.419	0.0	45.98	6.182	0.0	49.015	10.028	0.0	44.103	6.249	0.0	47.94	7.395	0.0	50.752	6.203	0.0	45.569	7.449
43	1989	1990	SN	1	0.0	42.066	2.077	0.0	39.52	3.259	0.0	45.067	2.442	0.0	48.91	4.45	0.0	41.337	2.031	0.0	40.296	2.727	0.0	45.874	2.341	0.0	44.859	2.874
44	1990	1991	SN	1	0.0	51.891	8.288	0.0	46.02	9.618	0.0	44.679	7.147	0.0	47.841	10.614	0.0	51.894	8.056	0.0	46.479	8.502	0.0	44.28	7.311	0.0	45.175	8.092
45	1990	1991	SN	1	0.0	42.56	2.607	0.0	48.741	3.531	0.0	44.246	2.6	0.0	49.407	4.352	0.0	42.183	2.427	0.0	48.024	2.882	0.0	41.018	2.497	0.0	45.42	2.813
46	1990	1991	NS	1	0.0	52.859	6.06	0.0	50.72	7.484	0.0	49.074	5.307	0.0	45.824	8.933	0.0	51.519	5.767	0.0	50.357	6.129	0.0	50.873	5.016	0.0	44.076	5.593
47	1990	1991	NS	1	0.0	52.859	6.06	0.0	50.72	7.484	0.0	49.074	5.307	0.0	45.824	8.933	0.0	51.519	5.767	0.0	50.357	6.129	0.0	50.873	5.016	0.0	44.076	5.593
48	1990	1991	NS	1	0.0	45.808	1.628	0.0	50.644	2.288	0.0	50.619	1.609	0.0	42.334	2.978	0.0	44.98	1.539	0.0	48.555	1.699	0.0	53.836	1.487	0.0	39.406	1.668
49	1990	1991	SN	1	0.0	42.56	2.607	0.0	48.741	3.531	0.0	44.246	2.6	0.0	49.407	4.352	0.0	42.183	2.427	0.0	48.024	2.882	0.0	41.018	2.497	0.0	45.42	2.813
50	1990	1991	SN	1	0.0	51.891	8.288	0.0	46.02	9.618	0.0	44.679	7.147	0.0	47.841	10.614	0.0	51.894	8.056	0.0	46.479	8.502	0.0	44.28	7.311	0.0	45.175	8.092
51	1990	1991	NS	1	0.0	45.808	1.628	0.0	50.644	2.288	0.0	50.619	1.609	0.0	42.334	2.978	0.0	44.98	1.539	0.0	48.555	1.699	0.0	53.836	1.487	0.0	39.406	1.668
52	1991	1992	NS	1	0.0	38.406	1.126	0.0	40.644	1.602	0.0	43.975	1.129	0.0	42.015	2.063	0.0	37.227	0.994	0.0	36.635	1.227	0.0	42.134	1.056	0.0	34.695	1.203
53	1991	1992	SN	1	0.0	49.277	1.641	0.0	47.149	2.235	0.0	46.309	1.594	0.0	48.384	2.849	0.0	48.318	1.466	0.0	48.114	1.656	0.0	42.477	1.322	0.0	45.45	1.719
54	1991	1992	SN	1	0.0	49.277	1.641	0.0	47.149	2.235	0.0	46.309	1.594	0.0	48.384	2.849	0.0	48.318	1.466	0.0	48.114	1.656	0.0	42.477	1.322	0.0	45.45	1.719
55	1991	1992	SN	1	0.0	52.329	5.848	0.0	48.848	7.002	0.0	44.62	4.976	0.0	46.576	6.95	0.0	51.344	5.268	0.0	48.199	5.729	0.0	44.105	4.585	0.0	45.849	4.893
56	1991	1992	NS	1	0.0	47.692	4.129	0.0	46.916	5.26	0.0	38.096	3.645	0.0	46.961	5.92	0.0	46.848	3.686	0.0	45.555	4.114	0.0	37.921	3.595	0.0	43.12	3.731
57	1991	1992	NS	1	0.0	38.406	1.126	0.0	40.644	1.602	0.0	43.975	1.129	0.0	42.015	2.063	0.0	37.227	0.994	0.0	36.635	1.227	0.0	42.134	1.056	0.0	34.695	1.203
58	1991	1992	NS	1	0.0	47.692	4.129	0.0	46.916	5.26	0.0	38.096	3.645	0.0	46.961	5.92	0.0	46.848	3.686	0.0	45.555	4.114	0.0	37.921	3.595	0.0	43.12	3.731
59	1992	1993	SN	1	0.0	51.141	3.998	0.0	46.436	5.769	0.0	46.806	4.024	0.0	45.952	6.592	0.0	50.952	3.575	0.0	46.43	4.421	0.0	47.802	3.377	0.0	42.419	4.385
60	1992	1993	NS	1	0.0	47.521	3.017	0.0	52.377	3.337	0.0	48.611	3.082	0.0	45.742	4.636	0.0	47.716	2.85	0.0	54.174	2.668	0.0	48.021	2.876	0.0	46.365	2.894
61	1992	1993	SN	1	0.0	48.464	1.099	0.0	52.821	1.864	0.0	41.232	1.227	0.0	45.067	2.705	0.0	44.55	0.969	0.0	51.046	1.403	0.0	43.265	0.978	0.0	40.885	1.528
62	1992	1993	SN	1	0.0	51.141	3.998	0.0	46.436	5.769	0.0	46.806	4.024	0.0	45.952	6.592	0.0	50.952	3.575	0.0	46.43	4.421	0.0	47.802	3.377	0.0	42.419	4.385
63	1992	1993	NS	1	0.0	42.131	0.888	0.0	42.587	1.007	0.0	39.285	0.941	0.0	41.255	1.622	0.0	42.835	0.837	0.0	45.765	0.812	0.0	40.935	0.836	0.0	38.905	0.893
64	1992	1993	NS	1	0.0	47.521	3.017	0.0	52.377	3.337	0.0	48.611	3.082	0.0	45.742	4.636	0.0	47.716	2.85	0.0	54.174	2.668	0.0	48.021	2.876	0.0	46.365	2.894
65	1992	1993	NS	1	0.0	42.131	0.888	0.0	42.587	1.007	0.0	39.285	0.941	0.0	41.255	1.622	0.0	42.835	0.837	0.0	45.765	0.812	0.0	40.935	0.836	0.0	38.905	0.893
66	1992	1993	SN	1	0.0	48.464	1.099	0.0	52.821	1.864	0.0	41.232	1.227	0.0	45.067	2.705	0.0	44.55	0.969	0.0	51.046	1.403	0.0	43.265	0.978	0.0	40.885	1.528
67	1993	1994	SN	1	0.0	49.202	4.884	0.0	53.268	5.917	0.0	43.302	4.521	0.0	45.511	7.392	0.0	53.389	4.519	0.0	53.187	4.918	0.0	41.952	3.931	0.0	42.448	4.638

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
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68	1993	1994	NS	1	0.0	45.694	1.79	0.0	42.479	2.175	0.0	38.152	1.53	0.0	45.917	2.301	0.0	46.513	1.82	0.0	39.204	1.89	0.0	40.015	1.598	0.0	44.029	1.467
69	1993	1994	NS	1	0.0	53.641	5.759	0.0	52.96	7.23	0.0	41.744	4.749	0.0	51.964	7.006	0.0	54.213	5.625	0.0	51.627	6.219	0.0	44.123	5.082	0.0	47.482	4.896
70	1993	1994	NS	1	0.0	53.641	5.759	0.0	52.96	7.23	0.0	41.744	4.749	0.0	51.964	7.006	0.0	54.213	5.625	0.0	51.627	6.219	0.0	44.123	5.082	0.0	47.482	4.896
71	1993	1994	NS	1	0.0	45.694	1.79	0.0	42.479	2.175	0.0	38.152	1.53	0.0	45.917	2.301	0.0	46.513	1.82	0.0	39.204	1.89	0.0	40.015	1.598	0.0	44.029	1.467
72	1993	1994	SN	1	0.0	49.202	4.884	0.0	53.268	5.917	0.0	43.302	4.521	0.0	45.511	7.392	0.0	53.389	4.519	0.0	53.187	4.918	0.0	41.952	3.931	0.0	42.448	4.638
73	1994	1995	SN	1	0.0	48.155	2.535	0.0	47.866	3.027	0.0	37.468	2.312	0.0	45.774	3.488	0.0	50.156	2.574	0.0	46.163	2.678	0.0	38.937	2.339	0.0	41.455	2.633
74	1994	1995	SN	1	0.0	53.557	8.252	0.0	52.779	9.63	0.0	44.455	6.945	0.0	44.959	9.432	0.0	51.313	8.318	0.0	51.116	8.915	0.0	42.282	7.165	0.0	41.345	7.905
75	1994	1995	SN	1	0.0	48.155	2.535	0.0	47.866	3.027	0.0	37.468	2.312	0.0	45.774	3.488	0.0	50.156	2.574	0.0	46.163	2.678	0.0	38.937	2.339	0.0	41.455	2.633
76	1994	1995	NS	1	0.0	55.94	5.692	0.0	52.799	7.206	0.0	49.292	5.402	0.0	45.621	7.496	0.0	57.523	5.909	0.0	52.841	6.612	0.0	49.446	6.211	0.0	45.906	5.833
77	1994	1995	SN	1	0.0	53.557	8.252	0.0	52.779	9.63	0.0	44.455	6.945	0.0	44.959	9.432	0.0	51.313	8.318	0.0	51.116	8.915	0.0	42.282	7.165	0.0	41.345	7.905
78	1994	1995	NS	1	0.0	55.94	5.692	0.0	52.799	7.206	0.0	49.292	5.402	0.0	45.621	7.496	0.0	57.523	5.909	0.0	52.841	6.612	0.0	49.446	6.211	0.0	45.906	5.833
79	1995	1996	SN	1	0.0	48.393	1.533	0.0	45.619	2.08	0.0	41.203	1.398	0.0	44.04	2.335	0.0	47.936	1.526	0.0	45.611	1.701	0.0	44.108	1.301	0.0	40.952	1.496
80	1995	1996	SN	1	0.0	51.625	5.564	0.0	55.599	6.941	0.0	46.74	5.061	0.0	44.659	6.878	0.0	55.023	5.406	0.0	53.549	6.034	0.0	47.344	4.329	0.0	42.29	5.016
81	1995	1996	NS	1	0.0	41.279	2.346	0.0	45.606	3.259	0.0	44.052	2.164	0.0	39.968	3.702	0.0	40.66	2.36	0.0	42.786	2.819	0.0	42.257	2.338	0.0	37.52	2.751
82	1995	1996	SN	1	0.0	48.393	1.533	0.0	45.619	2.08	0.0	41.203	1.398	0.0	44.04	2.335	0.0	47.936	1.526	0.0	45.611	1.701	0.0	44.108	1.301	0.0	40.952	1.496
83	1995	1996	SN	1	0.0	51.625	5.564	0.0	55.599	6.941	0.0	46.74	5.061	0.0	44.659	6.878	0.0	55.023	5.406	0.0	53.549	6.034	0.0	47.344	4.329	0.0	42.29	5.016
84	1995	1996	NS	1	0.0	46.574	7.121	0.0	44.739	9.921	0.0	40.949	6.012	0.0	41.158	10.336	0.0	48.789	7.171	0.0	45.804	8.994	0.0	40.232	6.885	0.0	39.366	8.368
85	1995	1996	NS	1	0.0	41.279	2.346	0.0	45.606	3.259	0.0	44.052	2.164	0.0	39.968	3.702	0.0	40.66	2.36	0.0	42.786	2.819	0.0	42.257	2.338	0.0	37.52	2.751
86	1995	1996	NS	1	0.0	46.574	7.121	0.0	44.739	9.921	0.0	40.949	6.012	0.0	41.158	10.336	0.0	48.789	7.171	0.0	45.804	8.994	0.0	40.232	6.885	0.0	39.366	8.368
87	1996	1997	SN	1	0.0	47.176	1.536	0.0	42.812	2.358	0.0	45.033	1.528	0.0	44.093	2.595	0.0	46.207	1.52	0.0	43.165	1.985	0.0	40.547	1.426	0.0	38.505	1.891
88	1996	1997	SN	1	0.0	51.721	5.213	0.0	52.793	7.65	0.0	43.465	4.81	0.0	47.852	7.358	0.0	51.203	5.288	0.0	53.117	6.859	0.0	48.449	4.732	0.0	47.098	5.874
89	1996	1997	NS	1	0.0	38.825	3.326	0.0	40.692	5.055	0.0	40.281	3.734	0.0	40.814	6.948	0.0	41.003	2.917	0.0	42.968	3.994	0.0	38.322	3.563	0.0	38.96	4.319
90	1996	1997	SN	1	0.0	51.721	5.213	0.0	52.793	7.65	0.0	43.465	4.81	0.0	47.852	7.358	0.0	51.203	5.288	0.0	53.117	6.859	0.0	48.449	4.732	0.0	47.098	5.874
91	1996	1997	NS	1	0.0	38.825	3.326	0.0	40.692	5.055	0.0	40.281	3.734	0.0	40.814	6.948	0.0	41.003	2.917	0.0	42.968	3.994	0.0	38.322	3.563	0.0	38.96	4.319
92	1996	1997	NS	1	0.0	38.025	1.043	0.0	41.101	1.786	0.0	38.079	1.192	0.0	49.006	2.6	0.0	35.64	0.896	0.0	37.533	1.324	0.0	36.104	1.128	0.0	48.08	1.463
93	1996	1997	SN	1	0.0	47.176	1.536	0.0	42.812	2.358	0.0	45.033	1.528	0.0	44.093	2.595	0.0	46.207	1.52	0.0	43.165	1.985	0.0	40.547	1.426	0.0	38.505	1.891
94	1996	1997	NS	1	0.0	38.025	1.043	0.0	41.101	1.786	0.0	38.079	1.192	0.0	49.006	2.6	0.0	35.64	0.896	0.0	37.533	1.324	0.0	36.104	1.128	0.0	48.08	1.463
95	1997	1998	SN	1	0.0	45.997	1.561	0.0	41.022	2.158	0.0	39.611	1.489	0.0	40.363	2.782	0.0	44.197	1.486	0.0	39.233	1.741	0.0	39.356	1.384	0.0	37.994	1.729
96	1997	1998	NS	1	0.0	47.063	4.822	0.0	51.609	6.024	0.0	46.012	4.571	0.0	43.095	7.963	0.0	47.88	4.847	0.0	52.498	5.371	0.0	51.404	4.897	0.0	38.809	5.261
97	1997	1998	NS	1	0.0	47.063	4.822	0.0	51.609	6.024	0.0	46.012	4.571	0.0	43.095	7.963	0.0	47.88	4.847	0.0	52.498	5.371	0.0	51.404	4.897	0.0	38.809	5.261
98	1997	1998	SN	1	0.0	45.537	4.89	0.0	47.329	6.551	0.0	49.069	4.292	0.0	48.172	7.665	0.0	46.89	4.608	0.0	49.2	5.56	0.0	46.385	4.199	0.0	46.048	5.167
99	1997	1998	NS	1	0.0	53.223	1.439	0.0	41.076	2.02	0.0	40.264	1.665	0.0	42.468	2.933	0.0	52.656	1.472	0.0	40.806	1.689	0.0	38.787	1.712	0.0	38.021	1.824
100	1997	1998	NS	1	0.0	53.223	1.554	0.0	41.076	2.18	0.0	40.264	1.759	0.0	42.468	3.159	0.0	52.656	1.593	0.0	40.806	1.824	0.0	38.787	1.808	0.0	38.021	1.965
101	1998	1999	SN	1	0.0	44.886	3.871	0.0	51.32	4.836	0.0	38.697	3.596	0.0	44.551	5.345	0.0	43.414	3.738	0.0	49.889	3.995	0.0	40.353	3.389	0.0	44.799	3.433
102	1998	1999	SN	1	0.0	35.474	1.163	0.0	40.983	1.354	0.0	42.56	1.15	0.0	44.187	2.018	0.0	34.976	1.077	0.0	37.884	1.095	0.0	38.885	1.155	0.0	38.766	1.171
103	1998	1999	NS	1	0.0	48.355	6.691	0.0	52.293	7.742	0.0	48.2	5.561	0.0	41.633	8.36	0.0	45.882	6.479	0.0	51.86	6.569	0.0	44.904	5.732	0.0	41.388	5.573

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
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104	1998	1999	NS	1	0.0	48.355	6.1	0.0	52.293	6.855	0.0	48.2	5.203	0.0	41.633	7.383	0.0	45.882	5.941	0.0	51.86	5.802	0.0	44.904	5.302	0.0	41.388	4.91
105	1998	1999	NS	1	0.0	49.977	2.101	0.0	47.406	2.313	0.0	41.856	1.935	0.0	42.037	2.825	0.0	47.04	1.953	0.0	47.288	1.758	0.0	43.578	1.972	0.0	38.72	1.785
106	1998	1999	NS	1	0.0	49.977	1.886	0.0	47.406	2.032	0.0	41.856	1.783	0.0	42.037	2.482	0.0	47.04	1.775	0.0	47.288	1.538	0.0	43.578	1.801	0.0	38.72	1.564
107	1999	2000	NS	1	0.0	51.198	1.803	0.0	46.588	1.758	0.0	41.904	1.365	0.0	49.92	1.952	0.0	54.795	1.689	0.0	48.568	1.476	0.0	41.123	1.172	0.0	46.702	1.043
108	1999	2000	NS	1	0.0	53.317	5.907	0.0	51.466	6.526	0.0	49.561	4.699	0.0	51.486	6.382	0.0	54.863	5.615	0.0	50.564	5.74	0.0	51.092	4.124	0.0	49.624	4.335
109	1999	2000	SN	1	0.0	39.353	0.956	0.0	36.672	1.027	0.0	42.751	0.93	0.0	44.998	1.187	0.0	41.155	0.962	0.0	38.254	0.819	0.0	39.741	0.908	0.0	43.602	0.816
110	1999	2000	SN	1	0.0	52.873	3.863	0.0	47.454	4.028	0.0	42.327	3.176	0.0	44.306	4.075	0.0	49.199	3.813	0.0	48.309	3.396	0.0	39.107	3.112	0.0	42.22	2.99
111	2000	2001	SN	1	0.0	45.117	1.744	0.0	40.29	2.043	0.0	36.973	1.41	0.0	40.043	2.074	0.0	44.464	1.703	0.0	38.335	1.861	0.0	41.652	1.534	0.0	37.842	1.631
112	2000	2001	NS	1	0.0	54.065	4.211	0.0	57.112	5.583	0.0	48.118	4.034	0.0	49.012	6.352	0.0	56.691	4.195	0.0	58.602	4.697	0.0	47.173	3.793	0.0	48.278	4.064
113	2000	2001	SN	1	0.0	48.744	5.37	0.0	44.812	6.401	0.0	44.083	4.539	0.0	45.646	6.405	0.0	51.114	5.511	0.0	45.969	5.985	0.0	45.553	4.845	0.0	41.906	5.27
114	2000	2001	NS	1	0.0	43.568	1.473	0.0	50.695	1.733	0.0	40.169	1.301	0.0	42.185	2.149	0.0	41.215	1.38	0.0	49.435	1.402	0.0	39.313	1.263	0.0	41.464	1.267
115	2001	2002	SN	1	0.0	43.034	5.486	0.0	43.27	5.943	0.0	50.081	4.958	0.0	44.164	7.24	0.0	43.1	5.784	0.0	43.772	5.477	0.0	45.72	5.79	0.0	40.338	5.962
116	2001	2002	SN	1	0.0	39.829	1.667	0.0	41.757	1.999	0.0	37.311	1.701	0.0	41.783	2.562	0.0	42.472	1.703	0.0	37.968	1.738	0.0	37.808	1.818	0.0	37.805	1.884
117	2001	2002	NS	1	0.0	47.374	1.591	0.0	43.649	2.296	0.0	37.558	1.66	0.0	44.345	2.698	0.0	48.425	1.632	0.0	41.68	1.921	0.0	35.397	1.683	0.0	37.95	1.919
118	2001	2002	NS	1	0.0	55.328	5.256	0.0	49.625	6.912	0.0	47.397	4.936	0.0	49.222	7.575	0.0	55.556	5.081	0.0	51.14	6.043	0.0	47.139	5.17	0.0	44.516	5.528
119	2002	2003	SN	1	0.0	41.658	1.724	0.0	38.496	1.905	0.0	45.103	1.701	0.0	43.975	2.756	0.0	39.507	1.596	0.0	37.816	1.53	0.0	43.972	1.626	0.0	37.56	1.738
120	2002	2003	SN	1	0.0	44.575	5.726	0.0	55.771	6.318	0.0	45.513	4.845	0.0	43.817	6.868	0.0	45.637	5.536	0.0	54.69	5.269	0.0	49.443	4.902	0.0	38.258	5.183
121	2002	2003	NS	1	0.0	60.935	7.929	0.0	52.836	10.154	0.0	45.723	7.436	0.0	44.56	9.734	0.0	59.479	8.029	0.0	55.022	9.343	0.0	45.636	8.033	0.0	41.409	7.965
122	2002	2003	NS	1	0.0	44.382	2.567	0.0	42.611	3.09	0.0	37.315	2.414	0.0	42.482	3.364	0.0	46.123	2.609	0.0	42.974	2.667	0.0	38.326	2.543	0.0	38.924	2.593
123	2003	2004	SN	1	0.0	43.848	5.621	0.0	45.08	6.285	0.0	39.957	4.662	0.0	42.73	6.747	0.0	43.769	5.613	0.0	43.288	5.32	0.0	40.495	4.662	0.0	38.089	5.076
124	2003	2004	NS	1	0.0	56.164	1.29	0.0	41.681	1.336	0.0	40.001	1.305	0.0	38.689	1.719	0.0	51.549	1.23	0.0	42.943	1.063	0.0	45.265	1.206	0.0	36.932	1.069
125	2003	2004	NS	1	0.0	52.555	4.561	0.0	53.945	5.099	0.0	41.794	4.081	0.0	44.64	5.437	0.0	49.689	4.452	0.0	49.145	4.33	0.0	42.592	3.861	0.0	45.349	3.617
126	2003	2004	SN	1	0.0	38.468	1.991	0.0	41.701	2.23	0.0	37.843	1.693	0.0	39.24	2.756	0.0	37.319	1.87	0.0	38.538	1.698	0.0	35.928	1.623	0.0	35.086	1.823
127	2004	2005	NS	1	0.0	51.247	6.251	0.0	51.566	7.605	0.0	46.429	5.172	0.0	44.196	7.936	0.0	51.397	5.833	0.0	49.144	5.964	0.0	48.524	4.845	0.0	43.68	4.922
128	2004	2005	SN	1	0.0	41.698	1.446	0.0	45.214	1.759	0.0	46.992	1.593	0.0	42.024	2.397	0.0	40.596	1.367	0.0	42.629	1.46	0.0	42.01	1.578	0.0	38.374	1.67
129	2004	2005	SN	1	0.0	46.823	4.822	0.0	47.77	5.512	0.0	45.03	4.653	0.0	47.49	6.3	0.0	46.186	4.408	0.0	46.838	4.663	0.0	46.116	4.888	0.0	44.524	4.728
130	2004	2005	NS	1	0.0	47.949	1.855	0.0	48.044	2.192	0.0	45.098	1.591	0.0	42.077	2.786	0.0	48.129	1.66	0.0	43.744	1.656	0.0	47.467	1.45	0.0	38.554	1.471
131	2005	2006	NS	1	0.0	43.57	4.997	0.0	47.289	6.863	0.0	43.779	4.554	0.0	52.842	7.732	0.0	46.61	4.604	0.0	49.249	5.475	0.0	46.524	4.412	0.0	52.598	4.911
132	2005	2006	SN	1	0.0	51.433	7.14	0.0	51.622	8.134	0.0	49.618	5.761	0.0	46.65	7.164	0.0	50.203	7.289	0.0	51.197	7.576	0.0	50.747	6.244	0.0	45.586	6.164
133	2005	2006	SN	1	0.0	42.887	2.174	0.0	44.391	2.205	0.0	45.773	1.754	0.0	43.381	2.365	0.0	43.4	2.222	0.0	42.578	2.027	0.0	45.145	1.873	0.0	43.223	1.93
134	2005	2006	NS	1	0.0	48.955	1.536	0.0	56.218	2.104	0.0	43.106	1.403	0.0	42.646	2.601	0.0	46.647	1.407	0.0	53.498	1.632	0.0	40.068	1.4	0.0	43.123	1.438
135	2006	2007	SN	1	0.0	56.023	5.607	0.0	55.551	6.076	0.0	47.023	4.553	0.0	56.385	5.221	0.0	54.667	5.491	0.0	54.552	5.335	0.0	47.927	4.418	0.0	56.81	4.078
136	2006	2007	NS	1	0.0	47.827	1.134	0.0	39.828	1.581	0.0	38.491	1.171	0.0	40.086	2.113	0.0	44.767	1.045	0.0	39.452	1.147	0.0	36.259	1.184	0.0	38.557	1.181
137	2006	2007	SN	1	0.0	50.599	1.648	0.0	45.572	1.524	0.0	41.814	1.263	0.0	42.085	1.544	0.0	50.791	1.615	0.0	43.629	1.258	0.0	43.307	1.179	0.0	38.063	1.138
138	2006	2007	NS	1	0.0	44.343	3.76	0.0	44.583	5.174	0.0	43.896	3.688	0.0	46.158	6.226	0.0	43.815	3.652	0.0	47.226	3.904	0.0	44.747	3.474	0.0	39.237	3.937
139	2007	2008	SN	1	0.0	52.81	6.501	0.0	54.034	7.091	0.0	44.383	5.268	0.0	48.613	6.135	0.0	53.32	6.195	0.0	55.416	6.267	0.0	43.866	5.197	0.0	47.25	4.621

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Alarming
Deviations
High Errors

140	2007	2008	NS	1	0.0	46.107	1.513	0.0	52.315	1.852	0.0	37.877	1.225	0.0	41.701	2.355	0.0	47.513	1.369	0.0	49.48	1.477	0.0	39.107	1.131	0.0	41.49	1.294
141	2007	2008	SN	1	0.0	48.146	2.025	0.0	48.596	2.163	0.0	46.645	1.551	0.0	43.358	2.209	0.0	45.857	2.009	0.0	49.584	1.78	0.0	48.265	1.527	0.0	36.793	1.426
142	2007	2008	NS	1	0.0	53.246	4.696	0.0	58.26	6.044	0.0	44.871	3.972	0.0	49.417	6.374	0.0	52.901	4.545	0.0	59.195	4.865	0.0	45.925	3.595	0.0	44.917	4.25
143	2008	2009	SN	1	0.0	50.721	7.588	0.0	56.707	7.698	0.0	40.74	5.481	0.0	47.771	7.342	0.0	51.467	7.372	0.0	53.981	6.833	0.0	41.906	5.951	0.0	44.257	5.728
144	2008	2009	NS	1	0.0	46.792	2.072	0.0	46.552	2.267	0.0	42.465	1.802	0.0	45.016	2.586	0.0	45.848	2.038	0.0	43.629	1.892	0.0	44.482	1.91	0.0	37.766	1.787
145	2008	2009	NS	1	0.0	53.823	6.457	0.0	51.097	7.492	0.0	46.651	5.532	0.0	44.804	7.415	0.0	50.996	6.524	0.0	48.857	6.681	0.0	47.708	5.78	0.0	43.053	5.574
146	2008	2009	SN	1	0.0	45.602	2.418	0.0	56.95	2.495	0.0	41.421	1.832	0.0	47.102	2.667	0.0	43.354	2.37	0.0	52.069	2.107	0.0	44.963	1.958	0.0	44.914	1.961
147	2009	2010	SN	1	0.0	42.659	2.152	0.0	49.136	2.107	0.0	39.17	1.599	0.0	39.311	2.191	0.0	44.752	2.106	0.0	46.493	1.86	0.0	39.431	1.626	0.0	38.042	1.575
148	2009	2010	NS	1	0.0	40.802	1.932	0.0	41.99	2.42	0.0	36.74	1.831	0.0	40.592	3.059	0.0	41.961	1.837	0.0	38.693	2.071	0.0	40.325	1.867	0.0	35.923	1.986
149	2009	2010	SN	1	0.0	50.966	7.303	0.0	49.154	7.813	0.0	44.687	5.551	0.0	44.566	6.978	0.0	52.792	7.585	0.0	47.084	7.048	0.0	45.411	5.58	0.0	40.041	5.144
150	2009	2010	NS	1	0.0	51.102	5.873	0.0	52.627	7.453	0.0	43.955	5.302	0.0	44.837	8.446	0.0	49.339	5.739	0.0	51.88	6.659	0.0	42.387	5.586	0.0	44.479	5.747
151	2010	2011	NS	1	0.0	41.303	1.695	0.0	49.099	2.213	0.0	37.066	1.678	0.0	41.237	3.011	0.0	45.412	1.562	0.0	45.165	1.753	0.0	37.84	1.685	0.0	41.466	1.849
152	2010	2011	NS	1	0.0	49.19	5.013	0.0	43.737	6.316	0.0	43.848	4.99	0.0	44.422	7.445	0.0	53.667	4.896	0.0	45.375	5.171	0.0	43.874	5.018	0.0	43.374	5.235
153	2010	2011	SN	1	0.0	46.668	1.236	0.0	43.443	1.23	0.0	41.453	1.137	0.0	42.388	1.47	0.0	52.823	1.108	0.0	43.759	0.993	0.0	43.544	1.09	0.0	39.584	1.021
154	2010	2011	SN	1	0.0	54.402	4.344	0.0	53.676	4.808	0.0	49.321	3.945	0.0	46.506	5.101	0.0	53.748	4.079	0.0	53.413	3.835	0.0	45.676	3.774	0.0	45.773	3.739
155	2011	2012	NS	1	0.0	46.801	3.884	0.0	47.354	6.056	0.0	45.131	3.734	0.0	44.693	7.466	0.0	41.916	3.709	0.0	47.584	4.962	0.0	43.231	3.876	0.0	41.13	4.568
156	2011	2012	NS	1	0.0	39.9	1.24	0.0	37.046	1.957	0.0	38.267	1.327	0.0	40.813	2.745	0.0	37.591	1.193	0.0	37.288	1.542	0.0	38.832	1.314	0.0	38.793	1.493
157	2011	2012	SN	1	0.0	43.57	1.163	0.0	46.342	1.682	0.0	40.055	1.292	0.0	43.113	2.084	0.0	43.843	1.142	0.0	43.385	1.431	0.0	39.635	1.201	0.0	39.934	1.372
158	2011	2012	SN	1	0.0	50.104	3.722	0.0	48.447	5.133	0.0	44.451	3.874	0.0	45.064	5.672	0.0	54.9	3.706	0.0	46.553	4.592	0.0	43.39	3.881	0.0	45.118	4.245
159	2012	2013	SN	1	0.0	41.775	4.559	0.0	49.165	5.35	0.0	47.326	4.206	0.0	39.189	6.347	0.0	44.582	4.401	0.0	49.069	4.534	0.0	47.179	4.107	0.0	38.665	4.231
160	2012	2013	NS	1	0.0	43.514	1.935	0.0	43.758	2.471	0.0	39.563	1.855	0.0	41.508	2.809	0.0	42.463	1.882	0.0	42.595	2.041	0.0	39.408	1.858	0.0	36.243	1.976
161	2012	2013	SN	1	0.0	39.096	1.409	0.0	41.474	1.795	0.0	37.014	1.448	0.0	41.474	2.484	0.0	42.176	1.317	0.0	41.257	1.407	0.0	35.797	1.44	0.0	36.233	1.451
162	2012	2013	NS	1	0.0	43.822	6.332	0.0	55.035	7.852	0.0	45.935	5.381	0.0	49.385	7.956	0.0	45.835	6.39	0.0	50.619	6.991	0.0	45.833	5.565	0.0	51.341	6.095
163	2013	2014	NS	1	0.0	47.488	1.174	0.0	51.354	1.382	0.0	43.619	1.028	0.0	45.978	1.651	0.0	43.6	1.187	0.0	48.923	1.225	0.0	40.308	1.074	0.0	41.72	1.006
164	2013	2014	NS	1	0.0	51.592	4.226	0.0	49.533	4.934	0.0	49.425	3.294	0.0	46.733	5.267	0.0	54.714	4.276	0.0	48.381	4.366	0.0	47.608	3.528	0.0	45.102	3.483

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Alarming
Deviations
High Errors

					Azimuth Angle												Incidence Angle											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
Sr No	Start Orbit	End Orbit	Dir.	Ver.	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)
1	1984	1985	SN	1	0.0	32.29	23.705	0.0	39.027	24.184	0.0	81.798	11.535	0.0	42.322	11.632	0.0	2.021	0.0	0.0	2.11	0.0	0.0	2.369	0.0	0.0	2.387	0.0
2	1984	1985	SN	1	0.0	25.733	13.051	0.0	29.042	13.212	0.0	46.42	2.493	0.0	31.551	2.71	0.0	2.031	0.0	0.0	2.096	0.0	0.0	2.364	0.0	0.0	2.377	0.0
3	1984	1985	SN	1	0.0	32.29	23.705	0.0	39.027	24.184	0.0	81.798	11.535	0.0	42.322	11.632	0.0	2.021	0.0	0.0	2.11	0.0	0.0	2.369	0.0	0.0	2.387	0.0
4	1984	1985	SN	1	0.0	25.733	13.051	0.0	29.042	13.212	0.0	46.42	2.493	0.0	31.551	2.71	0.0	2.031	0.0	0.0	2.096	0.0	0.0	2.364	0.0	0.0	2.377	0.0
5	1985	1986	NS	1	0.0	28.281	12.813	0.0	25.176	13.477	0.0	244.596	5.546	0.0	30.349	4.727	0.0	1.919	0.0	0.0	1.897	0.0	0.0	2.239	0.0	0.0	2.216	0.0
6	1985	1986	NS	1	0.0	38.627	24.423	0.0	35.495	24.32	0.0	355.125	14.894	0.0	54.119	14.547	0.0	1.929	0.0	0.0	1.911	0.0	0.0	2.246	0.0	0.0	2.217	0.0
7	1985	1986	NS	1	0.0	38.627	24.423	0.0	35.495	24.32	0.0	355.125	14.894	0.0	54.119	14.547	0.0	1.929	0.0	0.0	1.911	0.0	0.0	2.246	0.0	0.0	2.217	0.0
8	1985	1986	SN	1	0.0	25.722	13.105	0.0	28.992	13.193	0.0	54.56	2.508	0.0	221.386	2.724	0.0	2.038	0.0	0.0	2.108	0.0	0.0	2.368	0.0	0.0	2.39	0.0
9	1985	1986	SN	1	0.0	32.23	23.731	0.0	39.661	24.255	0.0	80.249	11.587	0.0	57.138	11.767	0.0	2.025	0.0	0.0	2.138	0.0	0.0	2.364	0.0	0.0	2.389	0.0
10	1985	1986	SN	1	0.0	32.23	23.731	0.0	39.661	24.255	0.0	80.249	11.587	0.0	57.138	11.767	0.0	2.025	0.0	0.0	2.138	0.0	0.0	2.364	0.0	0.0	2.389	0.0
11	1985	1986	NS	1	0.0	28.281	12.813	0.0	25.176	13.477	0.0	244.596	5.546	0.0	30.349	4.727	0.0	1.919	0.0	0.0	1.897	0.0	0.0	2.239	0.0	0.0	2.216	0.0
12	1985	1986	SN	1	0.0	25.722	13.105	0.0	28.992	13.193	0.0	54.56	2.508	0.0	221.386	2.724	0.0	2.038	0.0	0.0	2.108	0.0	0.0	2.368	0.0	0.0	2.39	0.0
13	1986	1987	NS	1	0.0	28.264	12.811	0.0	25.231	13.486	0.0	244.232	5.503	0.0	32.163	4.671	0.0	1.92	0.0	0.0	1.897	0.0	0.0	2.24	0.0	0.0	2.217	0.0
14	1986	1987	SN	1	0.0	29.632	23.773	0.0	39.661	24.286	0.0	99.336	11.663	0.0	45.719	11.878	0.0	2.029	0.0	0.0	2.096	0.0	0.0	2.363	0.0	0.0	2.392	0.0
15	1986	1987	SN	1	0.0	25.727	13.051	0.0	28.546	13.227	0.0	100.417	2.563	0.0	155.324	2.807	0.0	2.038	0.0	0.0	2.11	0.0	0.0	2.373	0.0	0.0	2.376	0.0
16	1986	1987	NS	1	0.0	38.66	24.39	0.0	32.097	24.314	0.0	353.007	14.846	0.0	54.229	14.319	0.0	1.932	0.0	0.0	1.913	0.0	0.0	2.247	0.0	0.0	2.217	0.0
17	1986	1987	SN	1	0.0	29.632	23.773	0.0	39.661	24.286	0.0	99.336	11.663	0.0	45.719	11.878	0.0	2.029	0.0	0.0	2.096	0.0	0.0	2.363	0.0	0.0	2.392	0.0
18	1986	1987	NS	1	0.0	28.264	12.811	0.0	25.231	13.486	0.0	244.232	5.503	0.0	32.163	4.671	0.0	1.92	0.0	0.0	1.897	0.0	0.0	2.24	0.0	0.0	2.217	0.0
19	1986	1987	SN	1	0.0	25.727	13.051	0.0	28.546	13.227	0.0	100.417	2.563	0.0	155.324	2.807	0.0	2.038	0.0	0.0	2.11	0.0	0.0	2.373	0.0	0.0	2.376	0.0
20	1987	1988	SN	1	0.0	25.727	13.124	0.0	28.529	13.222	0.0	127.777	2.612	0.0	28.347	2.793	0.0	2.047	0.0	0.0	2.12	0.0	0.0	2.375	0.0	0.0	2.389	0.0
21	1987	1988	NS	1	0.0	28.292	12.8	0.0	25.204	13.474	0.0	342.38	5.504	0.0	36.592	4.693	0.0	1.92	0.0	0.0	1.895	0.0	0.0	2.238	0.0	0.0	2.216	0.0
22	1987	1988	NS	1	0.0	28.292	12.8	0.0	25.204	13.474	0.0	342.38	5.504	0.0	36.592	4.693	0.0	1.92	0.0	0.0	1.895	0.0	0.0	2.238	0.0	0.0	2.216	0.0
23	1987	1988	SN	1	0.0	25.727	13.124	0.0	28.529	13.222	0.0	127.777	2.612	0.0	28.347	2.793	0.0	2.047	0.0	0.0	2.12	0.0	0.0	2.375	0.0	0.0	2.389	0.0
24	1987	1988	NS	1	0.0	38.983	24.405	0.0	37.221	24.296	0.0	348.016	14.832	0.0	56.225	14.318	0.0	1.928	0.0	0.0	1.911	0.0	0.0	2.245	0.0	0.0	2.217	0.0
25	1987	1988	SN	1	0.0	32.323	23.777	0.0	39.672	24.199	0.0	126.773	11.628	0.0	46.15	11.881	0.0	2.036	0.0	0.0	2.135	0.0	0.0	2.37	0.0	0.0	2.388	0.0
26	1987	1988	NS	1	0.0	38.983	24.405	0.0	37.221	24.296	0.0	348.016	14.832	0.0	56.225	14.318	0.0	1.928	0.0	0.0	1.911	0.0	0.0	2.245	0.0	0.0	2.217	0.0
27	1987	1988	SN	1	0.0	32.323	23.777	0.0	39.672	24.199	0.0	126.773	11.628	0.0	46.15	11.881	0.0	2.036	0.0	0.0	2.135	0.0	0.0	2.37	0.0	0.0	2.388	0.0
28	1988	1989	NS	1	0.0	38.933	24.34	0.0	32.092	24.258	0.0	279.051	14.875	0.0	55.084	14.354	0.0	1.928	0.0	0.0	1.911	0.0	0.0	2.244	0.0	0.0	2.216	0.0
29	1988	1989	SN	1	0.0	32.301	23.904	0.0	39.689	24.188	0.0	152.705	11.752	0.0	205.318	11.892	0.0	2.043	0.0	0.0	2.114	0.0	0.0	2.385	0.0	0.0	2.376	0.0
30	1988	1989	SN	1	0.0	25.75	13.113	0.0	28.667	13.177	0.0	155.319	2.6	0.0	220.942	2.824	0.0	2.036	0.0	0.0	2.123	0.0	0.0	2.379	0.0	0.0	2.401	0.0
31	1988	1989	NS	1	0.0	28.253	12.811	0.0	26.031	13.461	0.0	290.048	5.468	0.0	28.419	4.706	0.0	1.919	0.0	0.0	1.896	0.0	0.0	2.238	0.0	0.0	2.216	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle
	Range	10.0	3.0

Normal
Alarming
Deviations
High Errors

32	1988	1989	NS	1	0.0	28.253	12.811	0.0	26.031	13.461	0.0	290.048	5.468	0.0	28.419	4.706	0.0	1.919	0.0	0.0	1.896	0.0	0.0	2.238	0.0	0.0	2.216	0.0
33	1988	1989	SN	1	0.0	32.301	23.904	0.0	39.689	24.188	0.0	152.705	11.752	0.0	205.318	11.892	0.0	2.043	0.0	0.0	2.114	0.0	0.0	2.385	0.0	0.0	2.376	0.0
34	1988	1989	SN	1	0.0	25.75	13.113	0.0	28.667	13.177	0.0	155.319	2.6	0.0	220.942	2.824	0.0	2.036	0.0	0.0	2.123	0.0	0.0	2.379	0.0	0.0	2.401	0.0
35	1988	1989	NS	1	0.0	38.933	24.34	0.0	32.092	24.258	0.0	279.051	14.875	0.0	55.084	14.354	0.0	1.928	0.0	0.0	1.911	0.0	0.0	2.244	0.0	0.0	2.216	0.0
36	1989	1990	NS	1	0.0	28.22	12.79	0.0	26.036	13.462	0.0	335.541	5.472	0.0	29.4	4.686	0.0	1.92	0.0	0.0	1.901	0.0	0.0	2.237	0.0	0.0	2.216	0.0
37	1989	1990	SN	1	0.0	25.744	13.126	0.0	28.81	13.182	0.0	160.349	2.597	0.0	268.037	2.812	0.0	2.043	0.0	0.0	2.125	0.0	0.0	2.392	0.0	0.0	2.398	0.0
38	1989	1990	NS	1	0.0	28.22	12.79	0.0	26.036	13.462	0.0	335.541	5.472	0.0	29.4	4.686	0.0	1.92	0.0	0.0	1.901	0.0	0.0	2.237	0.0	0.0	2.216	0.0
39	1989	1990	SN	1	0.0	32.368	23.952	0.0	39.694	24.142	0.0	170.204	11.725	0.0	39.168	11.835	0.0	2.032	0.0	0.0	2.102	0.0	0.0	2.382	0.0	0.0	2.404	0.0
40	1989	1990	NS	1	0.0	38.911	24.296	0.0	32.02	24.31	0.0	309.019	14.897	0.0	52.464	14.28	0.0	1.928	0.0	0.0	1.912	0.0	0.0	2.244	0.0	0.0	2.215	0.0
41	1989	1990	NS	1	0.0	38.911	24.296	0.0	32.02	24.31	0.0	309.019	14.897	0.0	52.464	14.28	0.0	1.928	0.0	0.0	1.912	0.0	0.0	2.244	0.0	0.0	2.215	0.0
42	1989	1990	SN	1	0.0	32.368	23.952	0.0	39.694	24.142	0.0	170.204	11.725	0.0	39.168	11.835	0.0	2.032	0.0	0.0	2.102	0.0	0.0	2.382	0.0	0.0	2.404	0.0
43	1989	1990	SN	1	0.0	25.744	13.126	0.0	28.81	13.182	0.0	160.349	2.597	0.0	268.037	2.812	0.0	2.043	0.0	0.0	2.125	0.0	0.0	2.392	0.0	0.0	2.398	0.0
44	1990	1991	SN	1	0.0	32.241	23.811	0.0	39.066	24.165	0.0	196.235	11.744	0.0	246.327	11.835	0.0	2.039	0.0	0.0	2.141	0.0	0.0	2.379	0.0	0.0	2.437	0.0
45	1990	1991	SN	1	0.0	25.744	13.149	0.0	28.557	13.162	0.0	199.467	2.598	0.0	269.187	2.803	0.0	2.041	0.0	0.0	2.119	0.0	0.0	2.375	0.0	0.0	2.393	0.0
46	1990	1991	NS	1	0.0	38.906	24.281	0.0	32.059	24.241	0.0	96.637	14.863	0.0	91.896	14.327	0.0	1.928	0.0	0.0	1.911	0.0	0.0	2.246	0.0	0.0	2.217	0.0
47	1990	1991	NS	1	0.0	38.906	24.281	0.0	32.059	24.241	0.0	96.637	14.863	0.0	91.896	14.327	0.0	1.928	0.0	0.0	1.911	0.0	0.0	2.246	0.0	0.0	2.217	0.0
48	1990	1991	NS	1	0.0	28.237	12.783	0.0	25.17	13.465	0.0	305.446	5.484	0.0	85.499	4.679	0.0	1.923	0.0	0.0	1.897	0.0	0.0	2.238	0.0	0.0	2.217	0.0
49	1990	1991	SN	1	0.0	25.744	13.149	0.0	28.557	13.162	0.0	199.467	2.598	0.0	269.187	2.803	0.0	2.041	0.0	0.0	2.119	0.0	0.0	2.375	0.0	0.0	2.393	0.0
50	1990	1991	SN	1	0.0	32.241	23.811	0.0	39.066	24.165	0.0	196.235	11.744	0.0	246.327	11.835	0.0	2.039	0.0	0.0	2.141	0.0	0.0	2.379	0.0	0.0	2.437	0.0
51	1990	1991	NS	1	0.0	28.237	12.783	0.0	25.17	13.465	0.0	305.446	5.484	0.0	85.499	4.679	0.0	1.923	0.0	0.0	1.897	0.0	0.0	2.238	0.0	0.0	2.217	0.0
52	1991	1992	NS	1	0.0	28.253	12.78	0.0	25.182	13.473	0.0	54.149	5.538	0.0	119.124	4.668	0.0	1.92	0.0	0.0	1.897	0.0	0.0	2.241	0.0	0.0	2.217	0.0
53	1991	1992	SN	1	0.0	25.733	13.121	0.0	28.044	13.145	0.0	215.807	2.585	0.0	247.508	2.769	0.0	2.041	0.0	0.0	2.139	0.0	0.0	2.371	0.0	0.0	2.448	0.0
54	1991	1992	SN	1	0.0	25.733	13.121	0.0	28.044	13.145	0.0	215.807	2.585	0.0	247.508	2.769	0.0	2.041	0.0	0.0	2.139	0.0	0.0	2.371	0.0	0.0	2.448	0.0
55	1991	1992	SN	1	0.0	34.849	23.816	0.0	39.126	24.08	0.0	210.348	11.68	0.0	266.816	11.735	0.0	2.043	0.0	0.0	2.131	0.0	0.0	2.38	0.0	0.0	2.462	0.0
56	1991	1992	NS	1	0.0	38.911	24.317	0.0	32.081	24.233	0.0	304.58	14.912	0.0	119.345	14.306	0.0	1.934	0.0	0.0	1.912	0.0	0.0	2.246	0.0	0.0	2.217	0.0
57	1991	1992	NS	1	0.0	28.253	12.78	0.0	25.182	13.473	0.0	54.149	5.538	0.0	119.124	4.668	0.0	1.92	0.0	0.0	1.897	0.0	0.0	2.241	0.0	0.0	2.217	0.0
58	1991	1992	NS	1	0.0	38.911	24.317	0.0	32.081	24.233	0.0	304.58	14.912	0.0	119.345	14.306	0.0	1.934	0.0	0.0	1.912	0.0	0.0	2.246	0.0	0.0	2.217	0.0
59	1992	1993	SN	1	0.0	37.629	23.7	0.0	39.143	24.034	0.0	69.07	11.609	0.0	39.603	11.663	0.0	2.043	0.0	0.0	2.12	0.0	0.0	2.384	0.0	0.0	2.467	0.0
60	1992	1993	NS	1	0.0	38.547	24.371	0.0	32.07	24.289	0.0	163.589	14.877	0.0	58.663	14.341	0.0	1.926	0.0	0.0	1.911	0.0	0.0	2.245	0.0	0.0	2.217	0.0
61	1992	1993	SN	1	0.0	25.738	13.117	0.0	28.601	13.122	0.0	37.761	2.54	0.0	25.832	2.733	0.0	2.046	0.0	0.0	2.132	0.0	0.0	2.378	0.0	0.0	2.461	0.0
62	1992	1993	SN	1	0.0	37.629	23.7	0.0	39.143	24.034	0.0	69.07	11.609	0.0	39.603	11.663	0.0	2.043	0.0	0.0	2.12	0.0	0.0	2.384	0.0	0.0	2.467	0.0
63	1992	1993	NS	1	0.0	28.179	12.768	0.0	26.031	13.478	0.0	118.079	5.598	0.0	31.783	4.708	0.0	1.923	0.0	0.0	1.896	0.0	0.0	2.238	0.0	0.0	2.217	0.0
64	1992	1993	NS	1	0.0	38.547	24.371	0.0	32.07	24.289	0.0	163.589	14.877	0.0	58.663	14.341	0.0	1.926	0.0	0.0	1.911	0.0	0.0	2.245	0.0	0.0	2.217	0.0
65	1992	1993	NS	1	0.0	28.179	12.768	0.0	26.031	13.478	0.0	118.079	5.598	0.0	31.783	4.708	0.0	1.923	0.0	0.0	1.896	0.0	0.0	2.238	0.0	0.0	2.217	0.0
66	1992	1993	SN	1	0.0	25.738	13.117	0.0	28.601	13.122	0.0	37.761	2.54	0.0	25.832	2.733	0.0	2.046	0.0	0.0	2.132	0.0	0.0	2.378	0.0	0.0	2.461	0.0
67	1993	1994	SN	1	0.0	32.252	23.731	0.0	39.7	24.01	0.0	75.931	11.622	0.0	37.905	11.572	0.0	2.058	0.0	0.0	2.135	0.0	0.0	2.39	0.0	0.0	2.466	0.0
68	1993	1994	NS	1	0.0	28.27	12.79	0.0	25.226	13.489	0.0	133.598	5.56	0.0	127.231	4.687	0.0	1.919	0.0	0.0	1.898	0.0	0.0	2.238	0.0	0.0	2.217	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle
	Range	10.0	3.0

Normal
Deviations
Alarming
High Errors

69	1993	1994	NS	1	0.0	38.977	24.381	0.0	32.086	24.256	0.0	119.121	14.885	0.0	145.287	14.253	0.0	1.929	0.0	0.0	1.912	0.0	0.0	2.245	0.0	0.0	2.217	0.0
70	1993	1994	NS	1	0.0	38.977	24.381	0.0	32.086	24.256	0.0	119.121	14.885	0.0	145.287	14.253	0.0	1.929	0.0	0.0	1.912	0.0	0.0	2.245	0.0	0.0	2.217	0.0
71	1993	1994	NS	1	0.0	28.27	12.79	0.0	25.226	13.489	0.0	133.598	5.56	0.0	127.231	4.687	0.0	1.919	0.0	0.0	1.898	0.0	0.0	2.238	0.0	0.0	2.217	0.0
72	1993	1994	SN	1	0.0	32.252	23.731	0.0	39.7	24.01	0.0	75.931	11.622	0.0	37.905	11.572	0.0	2.058	0.0	0.0	2.135	0.0	0.0	2.39	0.0	0.0	2.466	0.0
73	1994	1995	SN	1	0.0	25.744	13.096	0.0	28.187	13.172	0.0	57.963	2.543	0.0	25.584	2.777	0.0	2.029	0.0	0.0	2.106	0.0	0.0	2.344	0.0	0.0	2.433	0.0
74	1994	1995	SN	1	0.0	32.268	23.694	0.0	39.683	24.047	0.0	75.192	11.594	0.0	38.539	11.622	0.0	2.034	0.0	0.0	2.094	0.0	0.0	2.347	0.0	0.0	2.435	0.0
75	1994	1995	SN	1	0.0	25.744	13.096	0.0	28.187	13.172	0.0	57.963	2.543	0.0	25.584	2.777	0.0	2.029	0.0	0.0	2.106	0.0	0.0	2.344	0.0	0.0	2.433	0.0
76	1994	1995	NS	1	0.0	38.972	24.354	0.0	32.064	24.292	0.0	113.959	14.871	0.0	58.354	14.359	0.0	1.93	0.0	0.0	1.911	0.0	0.0	2.245	0.0	0.0	2.218	0.0
77	1994	1995	SN	1	0.0	32.268	23.694	0.0	39.683	24.047	0.0	75.192	11.594	0.0	38.539	11.622	0.0	2.034	0.0	0.0	2.094	0.0	0.0	2.347	0.0	0.0	2.435	0.0
78	1994	1995	NS	1	0.0	38.972	24.354	0.0	32.064	24.292	0.0	113.959	14.871	0.0	58.354	14.359	0.0	1.93	0.0	0.0	1.911	0.0	0.0	2.245	0.0	0.0	2.218	0.0
79	1995	1996	SN	1	0.0	25.727	13.068	0.0	254.581	13.239	0.0	115.655	2.552	0.0	25.81	2.847	0.0	2.026	0.0	0.0	2.125	0.0	0.0	2.345	0.0	0.0	2.432	0.0
80	1995	1996	SN	1	0.0	32.197	23.682	0.0	265.66	24.068	0.0	131.009	11.715	0.0	38.71	11.744	0.0	2.018	0.0	0.0	2.098	0.0	0.0	2.346	0.0	0.0	2.439	0.0
81	1995	1996	NS	1	0.0	28.242	12.779	0.0	25.215	13.497	0.0	254.219	5.586	0.0	212.316	4.701	0.0	1.921	0.0	0.0	1.898	0.0	0.0	2.239	0.0	0.0	2.216	0.0
82	1995	1996	SN	1	0.0	25.727	13.068	0.0	254.581	13.239	0.0	115.655	2.552	0.0	25.81	2.847	0.0	2.026	0.0	0.0	2.125	0.0	0.0	2.345	0.0	0.0	2.432	0.0
83	1995	1996	SN	1	0.0	32.197	23.682	0.0	265.66	24.068	0.0	131.009	11.715	0.0	38.71	11.744	0.0	2.018	0.0	0.0	2.098	0.0	0.0	2.346	0.0	0.0	2.439	0.0
84	1995	1996	NS	1	0.0	38.966	24.304	0.0	32.086	24.223	0.0	128.717	14.878	0.0	215.868	14.314	0.0	1.929	0.0	0.0	1.913	0.0	0.0	2.247	0.0	0.0	2.219	0.0
85	1995	1996	NS	1	0.0	28.242	12.779	0.0	25.215	13.497	0.0	254.219	5.586	0.0	212.316	4.701	0.0	1.921	0.0	0.0	1.898	0.0	0.0	2.239	0.0	0.0	2.216	0.0
86	1995	1996	NS	1	0.0	38.966	24.304	0.0	32.086	24.223	0.0	128.717	14.878	0.0	215.868	14.314	0.0	1.929	0.0	0.0	1.913	0.0	0.0	2.247	0.0	0.0	2.219	0.0
87	1996	1997	SN	1	0.0	25.733	13.088	0.0	27.939	13.284	0.0	98.25	2.514	0.0	24.393	2.796	0.0	2.042	0.0	0.0	2.131	0.0	0.0	2.381	0.0	0.0	2.466	0.0
88	1996	1997	SN	1	0.0	32.384	23.688	0.0	39.551	24.032	0.0	102.778	11.738	0.0	40.502	11.704	0.0	2.052	0.0	0.0	2.125	0.0	0.0	2.346	0.0	0.0	2.472	0.0
89	1996	1997	NS	1	0.0	39.016	24.294	0.0	32.042	24.215	0.0	266.01	14.942	0.0	192.247	14.272	0.0	1.932	0.0	0.0	1.913	0.0	0.0	2.246	0.0	0.0	2.218	0.0
90	1996	1997	SN	1	0.0	32.384	23.688	0.0	39.551	24.032	0.0	102.778	11.738	0.0	40.502	11.704	0.0	2.052	0.0	0.0	2.125	0.0	0.0	2.346	0.0	0.0	2.472	0.0
91	1996	1997	NS	1	0.0	39.016	24.294	0.0	32.042	24.215	0.0	266.01	14.942	0.0	192.247	14.272	0.0	1.932	0.0	0.0	1.913	0.0	0.0	2.246	0.0	0.0	2.218	0.0
92	1996	1997	NS	1	0.0	28.209	12.748	0.0	26.036	13.484	0.0	259.332	5.647	0.0	187.223	4.72	0.0	1.921	0.0	0.0	1.897	0.0	0.0	2.239	0.0	0.0	2.217	0.0
93	1996	1997	SN	1	0.0	25.733	13.088	0.0	27.939	13.284	0.0	98.25	2.514	0.0	24.393	2.796	0.0	2.042	0.0	0.0	2.131	0.0	0.0	2.381	0.0	0.0	2.466	0.0
94	1996	1997	NS	1	0.0	28.209	12.748	0.0	26.036	13.484	0.0	259.332	5.647	0.0	187.223	4.72	0.0	1.921	0.0	0.0	1.897	0.0	0.0	2.239	0.0	0.0	2.217	0.0
95	1997	1998	SN	1	0.0	25.727	13.055	0.0	27.922	13.297	0.0	75.076	2.493	0.0	55.332	2.75	0.0	2.033	0.0	0.0	2.121	0.0	0.0	2.342	0.0	0.0	2.452	0.0
96	1997	1998	NS	1	0.0	38.906	24.325	0.0	32.103	24.214	0.0	107.987	14.905	0.0	163.564	14.312	0.0	1.924	0.0	0.0	1.911	0.0	0.0	2.247	0.0	0.0	2.217	0.0
97	1997	1998	NS	1	0.0	38.906	24.325	0.0	32.103	24.214	0.0	107.987	14.905	0.0	163.564	14.312	0.0	1.924	0.0	0.0	1.911	0.0	0.0	2.247	0.0	0.0	2.217	0.0
98	1997	1998	SN	1	0.0	36.84	23.678	0.0	39.54	23.98	0.0	50.385	11.681	0.0	49.696	11.754	0.0	2.023	0.0	0.0	2.09	0.0	0.0	2.342	0.0	0.0	2.443	0.0
99	1997	1998	NS	1	0.0	28.22	12.731	0.0	26.036	13.462	0.0	260.837	5.675	0.0	145.668	4.735	0.0	1.92	0.0	0.0	1.896	0.0	0.0	2.238	0.0	0.0	2.217	0.0
100	1997	1998	NS	1	0.0	28.22	12.927	0.0	26.036	13.384	0.0	260.837	6.133	0.0	14.129	4.922	0.0	1.92	0.0	0.0	1.896	0.0	0.0	2.238	0.0	0.0	2.217	0.0
101	1998	1999	SN	1	0.0	32.191	23.597	0.0	39.584	23.989	0.0	76.675	11.668	0.0	88.13	11.661	0.0	1.989	0.0	0.0	2.063	0.0	0.0	2.313	0.0	0.0	2.329	0.0
102	1998	1999	SN	1	0.0	25.739	13.053	0.0	28.038	13.312	0.0	42.846	2.463	0.0	95.713	2.707	0.0	1.977	0.0	0.0	2.098	0.0	0.0	2.323	0.0	0.0	2.347	0.0
103	1998	1999	NS	1	0.0	38.889	25.33	0.0	30.117	23.639	0.0	220.655	16.489	0.0	15.525	13.77	0.0	1.931	0.0	0.0	1.913	0.0	0.0	2.249	0.0	0.0	2.218	0.0
104	1998	1999	NS	1	0.0	38.889	24.357	0.0	32.136	24.252	0.0	220.655	14.898	0.0	143.622	14.318	0.0	1.931	0.0	0.0	1.913	0.0	0.0	2.249	0.0	0.0	2.218	0.0
105	1998	1999	NS	1	0.0	28.226	13.083	0.0	24.713	13.39	0.0	223.694	6.527	0.0	14.124	5.244	0.0	1.92	0.0	0.0	1.895	0.0	0.0	2.241	0.0	0.0	2.217	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle
	Range	10.0	3.0

Normal
Deviations
Alarming
High Errors

106	1998	1999	NS	1	0.0	28.226	12.721	0.0	25.226	13.45	0.0	223.694	5.699	0.0	141.835	4.757	0.0	1.92	0.0	0.0	1.895	0.0	0.0	2.241	0.0	0.0	2.217	0.0
107	1999	2000	NS	1	0.0	28.154	12.706	0.0	26.031	13.444	0.0	177.015	5.671	0.0	120.933	4.732	0.0	1.92	0.0	0.0	1.896	0.0	0.0	2.24	0.0	0.0	2.217	0.0
108	1999	2000	NS	1	0.0	38.332	24.332	0.0	32.141	24.205	0.0	202.494	14.913	0.0	120.778	14.272	0.0	1.935	0.0	0.0	1.912	0.0	0.0	2.247	0.0	0.0	2.217	0.0
109	1999	2000	SN	1	0.0	25.716	13.061	0.0	28.011	13.269	0.0	41.125	2.45	0.0	23.113	2.708	0.0	1.925	0.0	0.0	2.056	0.0	0.0	2.266	0.0	0.0	2.336	0.0
110	1999	2000	SN	1	0.0	32.169	23.624	0.0	39.54	24.053	0.0	75.726	11.661	0.0	41.175	11.796	0.0	1.934	0.0	0.0	1.995	0.0	0.0	2.277	0.0	0.0	2.336	0.0
111	2000	2001	SN	1	0.0	25.727	13.044	0.0	153.014	13.203	0.0	47.765	2.478	0.0	31.066	2.759	0.0	1.867	0.0	0.0	1.954	0.0	0.0	2.187	0.0	0.0	2.198	0.0
112	2000	2001	NS	1	0.0	38.884	24.415	0.0	37.496	24.256	0.0	278.155	14.943	0.0	46.425	14.211	0.0	1.927	0.0	0.0	1.911	0.0	0.0	2.246	0.0	0.0	2.218	0.0
113	2000	2001	SN	1	0.0	32.478	23.709	0.0	164.918	24.205	0.0	75.6	11.537	0.0	45.019	11.86	0.0	1.882	0.0	0.0	1.97	0.0	0.0	2.187	0.0	0.0	2.203	0.0
114	2000	2001	NS	1	0.0	28.22	12.735	0.0	26.031	13.476	0.0	243.195	5.615	0.0	88.058	4.688	0.0	1.92	0.0	0.0	1.896	0.0	0.0	2.239	0.0	0.0	2.217	0.0
115	2001	2002	SN	1	0.0	32.379	23.726	0.0	39.579	24.18	0.0	112.627	11.7	0.0	99.4	11.952	0.0	1.881	0.0	0.0	1.967	0.0	0.0	2.175	0.0	0.0	2.206	0.0
116	2001	2002	SN	1	0.0	25.739	13.033	0.0	27.887	13.226	0.0	101.537	2.547	0.0	264.618	2.788	0.0	1.863	0.0	0.0	1.944	0.0	0.0	2.172	0.0	0.0	2.198	0.0
117	2001	2002	NS	1	0.0	28.204	12.732	0.0	26.02	13.459	0.0	245.346	5.581	0.0	36.416	4.679	0.0	1.92	0.0	0.0	1.897	0.0	0.0	2.238	0.0	0.0	2.216	0.0
118	2001	2002	NS	1	0.0	38.867	24.451	0.0	32.059	24.237	0.0	50.771	14.9	0.0	54.576	14.176	0.0	1.925	0.0	0.0	1.912	0.0	0.0	2.244	0.0	0.0	2.217	0.0
119	2002	2003	SN	1	0.0	25.738	13.003	0.0	27.892	13.258	0.0	125.097	2.595	0.0	217.771	2.839	0.0	1.869	0.0	0.0	1.944	0.0	0.0	2.17	0.0	0.0	2.197	0.0
120	2002	2003	SN	1	0.0	32.445	23.776	0.0	39.518	24.149	0.0	140.23	11.764	0.0	205.743	12.009	0.0	1.882	0.0	0.0	1.968	0.0	0.0	2.176	0.0	0.0	2.204	0.0
121	2002	2003	NS	1	0.0	38.884	24.446	0.0	32.064	24.244	0.0	239.497	14.943	0.0	55.04	14.14	0.0	1.926	0.0	0.0	1.913	0.0	0.0	2.246	0.0	0.0	2.215	0.0
122	2002	2003	NS	1	0.0	28.248	12.728	0.0	26.014	13.457	0.0	276.475	5.536	0.0	28.81	4.656	0.0	1.92	0.0	0.0	1.897	0.0	0.0	2.237	0.0	0.0	2.216	0.0
123	2003	2004	SN	1	0.0	32.423	23.86	0.0	39.545	24.251	0.0	161.915	11.755	0.0	219.486	12.001	0.0	1.882	0.0	0.0	1.969	0.0	0.0	2.175	0.0	0.0	2.213	0.0
124	2003	2004	NS	1	0.0	28.204	12.717	0.0	26.02	13.454	0.0	310.547	5.548	0.0	29.218	4.645	0.0	1.92	0.0	0.0	1.899	0.0	0.0	2.238	0.0	0.0	2.217	0.0
125	2003	2004	NS	1	0.0	38.851	24.325	0.0	32.169	24.25	0.0	263.818	14.892	0.0	43.883	14.15	0.0	1.927	0.0	0.0	1.913	0.0	0.0	2.245	0.0	0.0	2.216	0.0
126	2003	2004	SN	1	0.0	25.727	12.995	0.0	27.939	13.245	0.0	161.678	2.59	0.0	200.939	2.802	0.0	1.866	0.0	0.0	1.944	0.0	0.0	2.171	0.0	0.0	2.196	0.0
127	2004	2005	NS	1	0.0	37.496	24.294	0.0	32.13	24.245	0.0	286.149	14.934	0.0	81.473	14.239	0.0	1.927	0.0	0.0	1.911	0.0	0.0	2.245	0.0	0.0	2.216	0.0
128	2004	2005	SN	1	0.0	25.738	13.035	0.0	27.945	13.24	0.0	171.858	2.589	0.0	267.753	2.82	0.0	1.873	0.0	0.0	1.941	0.0	0.0	2.17	0.0	0.0	2.196	0.0
129	2004	2005	SN	1	0.0	34.733	23.78	0.0	39.59	24.197	0.0	182.999	11.694	0.0	233.02	12.049	0.0	1.881	0.0	0.0	1.965	0.0	0.0	2.172	0.0	0.0	2.217	0.0
130	2004	2005	NS	1	0.0	27.669	12.654	0.0	26.025	13.472	0.0	307.817	5.542	0.0	63.919	4.682	0.0	1.922	0.0	0.0	1.897	0.0	0.0	2.238	0.0	0.0	2.217	0.0
131	2005	2006	NS	1	0.0	38.851	24.325	0.0	32.147	24.241	0.0	45.0	14.92	0.0	102.629	14.171	0.0	1.929	0.0	0.0	1.911	0.0	0.0	2.246	0.0	0.0	2.217	0.0
132	2005	2006	SN	1	0.0	37.563	23.755	0.0	39.512	24.168	0.0	203.928	11.656	0.0	259.426	12.042	0.0	1.881	0.0	0.0	1.966	0.0	0.0	2.176	0.0	0.0	2.223	0.0
133	2005	2006	SN	1	0.0	25.739	13.005	0.0	27.939	13.266	0.0	181.383	2.572	0.0	258.698	2.803	0.0	1.872	0.0	0.0	1.941	0.0	0.0	2.17	0.0	0.0	2.197	0.0
134	2005	2006	NS	1	0.0	28.138	12.724	0.0	26.025	13.481	0.0	281.852	5.588	0.0	80.326	4.678	0.0	1.92	0.0	0.0	1.896	0.0	0.0	2.238	0.0	0.0	2.217	0.0
135	2006	2007	SN	1	0.0	32.351	23.671	0.0	39.556	24.128	0.0	227.097	11.619	0.0	117.368	11.935	0.0	1.88	0.0	0.0	1.965	0.0	0.0	2.174	0.0	0.0	2.214	0.0
136	2006	2007	NS	1	0.0	28.16	12.717	0.0	26.02	13.455	0.0	84.333	5.615	0.0	104.691	4.71	0.0	1.921	0.0	0.0	1.894	0.0	0.0	2.237	0.0	0.0	2.218	0.0
137	2006	2007	SN	1	0.0	25.733	12.994	0.0	27.873	13.219	0.0	188.084	2.543	0.0	98.479	2.756	0.0	1.863	0.0	0.0	1.94	0.0	0.0	2.172	0.0	0.0	2.198	0.0
138	2006	2007	NS	1	0.0	38.862	24.317	0.0	32.141	24.175	0.0	50.391	14.886	0.0	105.199	14.178	0.0	1.93	0.0	0.0	1.911	0.0	0.0	2.246	0.0	0.0	2.217	0.0
139	2007	2008	SN	1	0.0	32.29	23.617	0.0	39.606	24.143	0.0	71.138	11.63	0.0	42.821	11.848	0.0	1.881	0.0	0.0	1.962	0.0	0.0	2.171	0.0	0.0	2.233	0.0
140	2007	2008	NS	1	0.0	28.193	12.709	0.0	26.014	13.472	0.0	344.718	5.62	0.0	38.776	4.719	0.0	1.921	0.0	0.0	1.895	0.0	0.0	2.238	0.0	0.0	2.217	0.0
141	2007	2008	SN	1	0.0	25.727	13.048	0.0	27.928	13.215	0.0	173.987	2.508	0.0	26.693	2.733	0.0	1.879	0.0	0.0	1.938	0.0	0.0	2.169	0.0	0.0	2.199	0.0
142	2007	2008	NS	1	0.0	38.801	24.298	0.0	32.191	24.2	0.0	350.095	14.935	0.0	50.153	14.184	0.0	1.929	0.0	0.0	1.911	0.0	0.0	2.245	0.0	0.0	2.217	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle
	Range	10.0	3.0

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143	2008	2009	SN	1	0.0	32.373	23.692	0.0	39.584	24.143	0.0	150.03	11.688	0.0	43.025	11.877	0.0	1.88	0.0	0.0	1.963	0.0	0.0	2.171	0.0	0.0	2.234	0.0
144	2008	2009	NS	1	0.0	28.093	12.73	0.0	26.025	13.467	0.0	76.761	5.602	0.0	31.066	4.706	0.0	1.92	0.0	0.0	1.895	0.0	0.0	2.238	0.0	0.0	2.217	0.0
145	2008	2009	NS	1	0.0	38.635	24.367	0.0	32.163	24.273	0.0	81.36	14.92	0.0	49.872	14.212	0.0	1.922	0.0	0.0	1.909	0.0	0.0	2.245	0.0	0.0	2.217	0.0
146	2008	2009	SN	1	0.0	25.716	12.995	0.0	27.906	13.232	0.0	147.708	2.537	0.0	26.869	2.738	0.0	1.867	0.0	0.0	1.939	0.0	0.0	2.168	0.0	0.0	2.193	0.0
147	2009	2010	SN	1	0.0	25.722	13.009	0.0	27.961	13.254	0.0	122.124	2.564	0.0	23.61	2.733	0.0	1.866	0.0	0.0	1.939	0.0	0.0	2.17	0.0	0.0	2.199	0.0
148	2009	2010	NS	1	0.0	28.182	12.722	0.0	26.02	13.467	0.0	266.088	5.633	0.0	32.798	4.719	0.0	1.927	0.0	0.0	1.897	0.0	0.0	2.241	0.0	0.0	2.217	0.0
149	2009	2010	SN	1	0.0	32.274	23.676	0.0	39.573	24.139	0.0	148.574	11.714	0.0	41.368	11.886	0.0	1.878	0.0	0.0	1.962	0.0	0.0	2.173	0.0	0.0	2.201	0.0
150	2009	2010	NS	1	0.0	38.955	24.386	0.0	32.18	24.256	0.0	119.877	14.892	0.0	49.078	14.172	0.0	1.939	0.0	0.0	1.911	0.0	0.0	2.25	0.0	0.0	2.218	0.0
151	2010	2011	NS	1	0.0	28.176	12.647	0.0	26.031	13.46	0.0	273.252	5.642	0.0	179.271	4.765	0.0	1.92	0.0	0.0	1.895	0.0	0.0	2.238	0.0	0.0	2.217	0.0
152	2010	2011	NS	1	0.0	38.955	24.344	0.0	32.191	24.194	0.0	278.27	14.928	0.0	199.935	14.087	0.0	1.93	0.0	0.0	1.911	0.0	0.0	2.245	0.0	0.0	2.217	0.0
153	2010	2011	SN	1	0.0	25.738	13.02	0.0	27.906	13.234	0.0	90.358	2.589	0.0	20.097	2.752	0.0	1.866	0.0	0.0	1.939	0.0	0.0	2.17	0.0	0.0	2.215	0.0
154	2010	2011	SN	1	0.0	32.257	23.684	0.0	39.54	24.133	0.0	94.125	11.699	0.0	39.267	11.851	0.0	1.877	0.0	0.0	1.96	0.0	0.0	2.172	0.0	0.0	2.217	0.0
155	2011	2012	NS	1	0.0	38.917	24.317	0.0	32.163	24.209	0.0	258.378	14.92	0.0	178.824	14.172	0.0	1.934	0.0	0.0	1.911	0.0	0.0	2.247	0.0	0.0	2.22	0.0
156	2011	2012	NS	1	0.0	28.154	12.642	0.0	26.02	13.451	0.0	253.811	5.677	0.0	178.554	4.814	0.0	1.927	0.0	0.0	1.896	0.0	0.0	2.239	0.0	0.0	2.218	0.0
157	2011	2012	SN	1	0.0	25.738	13.016	0.0	27.917	13.227	0.0	79.675	2.594	0.0	44.186	2.763	0.0	1.865	0.0	0.0	1.94	0.0	0.0	2.169	0.0	0.0	2.203	0.0
158	2011	2012	SN	1	0.0	32.202	23.711	0.0	39.529	24.176	0.0	59.187	11.728	0.0	39.463	11.851	0.0	1.877	0.0	0.0	1.957	0.0	0.0	2.173	0.0	0.0	2.224	0.0
159	2012	2013	SN	1	0.0	29.665	23.663	0.0	39.468	24.117	0.0	50.699	11.631	0.0	40.271	11.993	0.0	1.879	0.0	0.0	1.948	0.0	0.0	2.172	0.0	0.0	2.242	0.0
160	2012	2013	NS	1	0.0	28.143	12.638	0.0	26.014	13.443	0.0	276.773	5.679	0.0	152.992	4.874	0.0	1.926	0.0	0.0	1.895	0.0	0.0	2.24	0.0	0.0	2.218	0.0
161	2012	2013	SN	1	0.0	25.727	12.974	0.0	27.922	13.294	0.0	35.572	2.585	0.0	77.646	2.806	0.0	1.865	0.0	0.0	1.94	0.0	0.0	2.171	0.0	0.0	2.221	0.0
162	2012	2013	NS	1	0.0	38.878	24.317	0.0	32.158	24.232	0.0	225.922	14.943	0.0	155.716	14.192	0.0	1.929	0.0	0.0	1.912	0.0	0.0	2.248	0.0	0.0	2.218	0.0
163	2013	2014	NS	1	0.0	28.099	12.615	0.0	26.014	13.438	0.0	180.324	5.713	0.0	132.404	4.888	0.0	1.922	0.0	0.0	1.896	0.0	0.0	2.239	0.0	0.0	2.218	0.0
164	2013	2014	NS	1	0.0	38.895	24.263	0.0	32.136	24.187	0.0	209.614	14.914	0.0	133.507	14.165	0.0	1.93	0.0	0.0	1.911	0.0	0.0	2.249	0.0	0.0	2.217	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle
	Range	10.0	3.0

Normal
Alarming
Deviations
High Errors