





SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

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

					Inner											
					Incidence Angle			Azimuth Angle			Range			X-Factor		
Sr No	Start Orbit	End Orbit	Dir.	Ver.	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)
1	1984	1985	SN	2	48.802	49.427	0.0	0.003	6.381	70.498	1051.184	1086.536	0.0	-91.405	-90.214	0.0
2	1984	1985	SN	1	48.802	49.427	0.0	0.003	6.381	0.155	1051.184	1086.536	0.0	-91.405	-90.214	0.0
3	1985	1986	NS	2	48.727	49.308	0.0	0.003	6.337	0.202	1027.296	1083.984	0.0	-91.031	-89.967	0.0
4	1985	1986	NS	4	48.727	49.308	0.0	0.003	6.337	67.991	1027.296	1083.984	0.0	-91.031	-89.967	0.0
5	1985	1986	SN	1	48.796	49.439	0.0	0.003	1.809	0.146	1050.328	1086.152	0.0	-91.362	-90.193	0.0
6	1985	1986	SN	3	48.796	49.439	0.0	0.003	1.809	70.999	1050.328	1086.152	0.0	-91.362	-90.193	0.0
7	1986	1987	SN	1	48.794	49.4	0.0	0.003	1.809	0.137	1050.248	1086.336	0.0	-91.369	-90.182	0.0
8	1986	1987	NS	2	48.717	49.316	0.0	0.003	1.809	65.439	1027.192	1084.272	0.0	-91.123	-89.961	0.0
9	1986	1987	SN	2	48.794	49.4	0.0	0.003	1.809	67.365	1050.248	1086.336	0.0	-91.369	-90.182	0.0
10	1986	1987	NS	1	48.717	49.316	0.0	0.003	1.809	0.183	1027.192	1084.272	0.0	-91.123	-89.961	0.0
11	1987	1988	SN	2	48.788	49.409	0.0	0.003	6.348	66.288	1050.016	1086.36	0.0	-91.797	-90.218	0.0
12	1987	1988	SN	1	48.788	49.409	0.0	0.003	6.348	0.146	1050.016	1086.36	0.0	-91.797	-90.218	0.0
13	1987	1988	NS	1	48.728	49.368	0.0	0.003	1.803	0.182	1027.408	1084.328	0.0	-91.579	-89.956	0.0
14	1988	1989	NS	1	48.69	49.362	0.0	0.003	1.809	0.188	1028.208	1084.24	0.0	-91.301	-89.959	0.0
15	1988	1989	SN	2	48.789	49.405	0.0	0.003	6.331	66.902	1049.968	1086.472	0.0	-91.577	-90.219	0.0
16	1988	1989	SN	1	48.789	49.405	0.0	0.003	6.331	0.146	1049.968	1086.472	0.0	-91.577	-90.219	0.0
17	1988	1989	NS	2	48.69	49.362	0.0	0.003	1.809	67.398	1028.208	1084.24	0.0	-91.301	-89.959	0.0
18	1989	1990	SN	2	48.788	49.445	0.0	0.003	6.304	66.684	1049.928	1086.728	0.0	-91.376	-90.217	0.0
19	1989	1990	SN	1	48.788	49.445	0.0	0.003	6.304	0.147	1049.928	1086.728	0.0	-91.376	-90.217	0.0
20	1989	1990	NS	2	48.698	49.369	0.0	0.003	1.803	67.782	1028.16	1084.352	0.0	-91.248	-89.988	0.0
21	1989	1990	NS	1	48.698	49.369	0.0	0.003	1.803	0.188	1028.16	1084.352	0.0	-91.248	-89.988	0.0
22	1990	1991	SN	2	48.785	49.416	0.0	0.003	6.265	68.149	1050.256	1086.216	0.0	-91.378	-90.218	0.0
23	1990	1991	SN	1	48.785	49.416	0.0	0.003	6.265	0.151	1050.256	1086.216	0.0	-91.378	-90.218	0.0
24	1990	1991	NS	2	48.691	49.36	0.0	0.003	1.809	67.69	1028.096	1084.12	0.0	-91.305	-89.997	0.0
25	1990	1991	NS	1	48.691	49.36	0.0	0.003	1.809	0.185	1028.096	1084.12	0.0	-91.305	-89.997	0.0
26	1991	1992	NS	2	48.727	49.345	0.0	0.003	1.809	66.642	1027.944	1084.2	0.0	-91.248	-90.007	0.0
27	1991	1992	SN	1	48.781	49.448	0.0	0.003	1.814	0.143	1050.824	1086.4	0.0	-91.356	-90.219	0.0
28	1991	1992	SN	2	48.781	49.448	0.0	0.003	1.814	69.265	1050.824	1086.4	0.0	-91.356	-90.219	0.0
29	1991	1992	NS	1	48.727	49.345	0.0	0.003	1.809	0.182	1027.944	1084.2	0.0	-91.248	-90.007	0.0
30	1992	1993	NS	2	48.726	49.324	0.0	0.003	1.809	67.77	1027.832	1084.36	0.0	-91.166	-89.981	0.0
31	1992	1993	NS	1	48.726	49.324	0.0	0.003	1.809	0.186	1027.832	1084.36	0.0	-91.166	-89.981	0.0
32	1992	1993	SN	1	48.782	49.4	0.0	0.003	1.814	0.14	1050.456	1086.48	0.0	-91.342	-90.153	0.0

Parameter Specifications	Parameters	Inc.Angle	Azi. Angle	Range	X-Factor
	Min	47.1	0.0	1025.0	-100.0
	Max	49.9	0.0	1095.7	-80.0

Normal
 Deviations
 Alarming
 High Errors

33	1992	1993	SN	2	48.782	49.4	0.0	0.003	1.814	68.106	1050.456	1086.48	0.0	-91.342	-90.153	0.0
34	1993	1994	SN	1	48.782	49.421	0.0	0.003	1.814	0.136	1050.48	1086.488	0.0	-91.26	-90.167	0.0
35	1993	1994	NS	2	48.727	49.364	0.0	0.003	1.809	69.612	1027.608	1084.392	0.0	-91.296	-89.961	0.0
36	1993	1994	SN	2	48.782	49.421	0.0	0.003	1.814	66.698	1050.48	1086.488	0.0	-91.26	-90.167	0.0
37	1993	1994	NS	1	48.727	49.364	0.0	0.003	1.809	0.192	1027.608	1084.392	0.0	-91.296	-89.961	0.0
38	1994	1995	NS	2	48.707	49.322	0.0	0.003	1.809	68.038	1026.792	1084.304	0.0	-91.311	-89.98	0.0
39	1994	1995	NS	1	48.707	49.322	0.0	0.003	1.809	0.186	1026.792	1084.304	0.0	-91.311	-89.98	0.0
40	1994	1995	SN	2	48.782	49.436	0.0	0.003	1.814	66.861	1050.192	1086.392	0.0	-91.93	-90.192	0.0
41	1994	1995	SN	1	48.782	49.436	0.0	0.003	1.814	0.136	1050.192	1086.392	0.0	-91.93	-90.192	0.0
42	1995	1996	SN	2	48.772	49.433	0.0	0.003	195.474	68.795	1050.416	1086.48	0.0	-91.351	-90.197	0.0
43	1995	1996	NS	1	48.688	49.353	0.0	0.003	1.809	0.185	1027.784	1084.424	0.0	-91.315	-90.003	0.0
44	1995	1996	SN	1	48.772	49.433	0.0	0.003	195.474	0.141	1050.416	1086.48	0.0	-91.351	-90.197	0.0
45	1995	1996	NS	2	48.688	49.353	0.0	0.003	1.809	67.281	1027.784	1084.424	0.0	-91.315	-90.003	0.0
46	1996	1997	SN	2	48.731	49.45	0.0	0.003	1.814	67.236	1050.728	1086.568	0.0	-91.399	-90.198	0.0
47	1996	1997	NS	2	48.725	49.365	0.0	0.003	2.702	66.719	1027.552	1084.488	0.0	-91.263	-89.99	0.0
48	1996	1997	SN	1	48.731	49.45	0.0	0.003	1.814	0.139	1050.728	1086.568	0.0	-91.399	-90.198	0.0
49	1996	1997	NS	1	48.725	49.365	0.0	0.003	2.702	0.188	1027.552	1084.488	0.0	-91.263	-89.99	0.0
50	1997	1998	NS	2	48.724	49.352	0.0	0.003	1.809	67.76	1026.984	1084.6	0.0	-91.366	-89.991	0.0
51	1997	1998	NS	1	48.724	49.352	0.0	0.003	1.809	0.187	1026.984	1084.6	0.0	-91.366	-89.991	0.0
52	1997	1998	SN	1	48.763	49.444	0.0	0.003	1.814	0.139	1050.72	1086.696	0.0	-91.562	-90.205	0.0
53	1997	1998	SN	2	48.763	49.444	0.0	0.003	1.814	67.459	1050.72	1086.696	0.0	-91.562	-90.205	0.0
54	1998	1999	NS	1	48.724	49.314	0.0	0.003	1.809	67.497	1027.176	1084.728	0.0	-91.15	-89.985	0.0
55	1998	1999	SN	1	48.795	49.446	0.0	0.003	6.486	69.351	1050.616	1086.896	0.0	-91.37	-90.206	0.0
56	1998	1999	NS	1	48.724	49.314	0.0	0.003	1.792	0.181	1027.176	1076.776	0.0	-91.15	-89.985	0.0
57	1999	2000	NS	1	48.724	49.313	0.0	0.003	1.809	70.126	1027.616	1084.672	0.0	-91.172	-89.983	0.0
58	1999	2000	SN	1	48.818	49.419	0.0	0.003	6.469	70.607	1050.688	1086.928	0.0	-91.586	-90.203	0.0
59	2000	2001	NS	1	48.726	49.364	0.0	0.003	1.809	66.167	1027.496	1084.72	0.0	-91.209	-89.969	0.0
60	2000	2001	SN	1	48.841	49.402	0.0	0.003	298.157	67.868	1050.424	1086.824	0.0	-91.353	-90.184	0.0
61	2001	2002	NS	1	48.725	49.354	0.0	0.003	6.315	65.58	1027.136	1084.888	0.0	-91.278	-89.954	0.0
62	2001	2002	SN	2	48.824	49.449	0.0	0.003	6.453	66.111	1049.656	1086.952	0.0	-91.348	-90.207	0.0
63	2002	2003	NS	2	48.715	49.322	0.0	0.003	6.287	66.512	1027.72	1084.88	0.0	-91.307	-89.983	0.0
64	2002	2003	SN	1	48.841	49.41	0.0	0.003	6.436	66.475	1050.272	1086.888	0.0	-91.394	-90.216	0.0
65	2003	2004	SN	1	48.808	49.429	0.0	0.003	5.509	66.173	1049.752	1086.832	0.0	-91.644	-90.214	0.0
66	2003	2004	NS	1	48.727	49.364	0.0	0.003	1.803	66.723	1028.096	1084.824	0.0	-91.273	-89.969	0.0
67	2004	2005	SN	1	48.833	49.43	0.0	0.003	6.375	67.45	1049.672	1086.952	0.0	-91.347	-90.214	0.0
68	2004	2005	NS	1	48.683	49.356	0.0	0.003	1.809	68.506	1028.056	1084.792	0.0	-91.321	-89.972	0.0
69	2005	2006	NS	2	48.726	49.36	0.0	0.003	6.342	67.146	1027.288	1084.8	0.0	-91.284	-90.005	0.0

Parameter Specifications	Parameters	Inc.Angle	Azi. Angle	Range	X-Factor
	Min	47.1	0.0	1025.0	-100.0
	Max	49.9	0.0	1095.7	-80.0

 Normal	 Deviations
 Alarming	 High Errors

70	2005	2006	SN	1	48.842	49.445	0.0	0.003	6.337	69.032	1050.096	1087.416	0.0	-91.369	-90.233	0.0
71	2006	2007	NS	1	48.694	49.361	0.0	0.003	1.809	66.895	1027.76	1084.992	0.0	-91.283	-90.003	0.0
72	2006	2007	SN	2	48.843	49.404	0.0	0.003	6.304	69.676	1050.512	1087.248	0.0	-91.479	-90.208	0.0
73	2007	2008	NS	1	48.713	49.361	0.0	0.003	1.809	69.423	1027.752	1085.08	0.0	-91.271	-89.947	0.0
74	2007	2008	SN	1	48.844	49.432	0.0	0.003	1.814	67.014	1049.888	1087.144	0.0	-91.358	-90.145	0.0
75	2008	2009	SN	1	48.843	49.428	0.0	0.003	1.809	66.914	1049.96	1087.096	0.0	-91.636	-90.197	0.0
76	2008	2009	NS	2	48.708	49.315	0.0	0.003	1.809	68.459	1027.736	1085.056	0.0	-91.289	-89.967	0.0
77	2009	2010	NS	1	48.707	49.372	0.0	0.003	1.809	67.596	1027.344	1085.072	0.0	-91.573	-90.007	0.0
78	2009	2010	SN	1	48.809	49.403	0.0	0.003	1.814	68.052	1050.032	1087.104	0.0	-91.495	-90.187	0.0
79	2010	2011	NS	1	48.724	49.369	0.0	0.003	6.304	67.124	1027.704	1085.184	0.0	-91.287	-90.003	0.0
80	2010	2011	SN	2	48.801	49.451	0.0	0.003	1.814	67.996	1050.224	1087.216	0.0	-91.335	-90.189	0.0
81	2011	2012	SN	1	48.841	49.452	0.0	0.003	1.814	67.196	1049.688	1087.288	0.0	-91.679	-90.212	0.0
82	2011	2012	NS	1	48.684	49.33	0.0	0.003	1.809	67.517	1026.864	1085.192	0.0	-91.261	-89.986	0.0
83	2012	2013	SN	1	48.797	49.441	0.0	0.003	1.814	68.011	1049.952	1087.448	0.0	-91.834	-90.209	0.0
84	2012	2013	NS	1	48.696	49.317	0.0	0.003	1.809	66.58	1027.032	1085.368	0.0	-91.109	-89.994	0.0
85	2013	2014	NS	1	48.717	49.366	0.0	0.003	1.809	68.592	1026.616	1085.464	0.0	-91.031	-89.979	0.0

Parameter Specifications	Parameters	Inc.Angle	Azi. Angle	Range	X-Factor
	Min	47.1	0.0	1025.0	-100.0
	Max	49.9	0.0	1095.7	-80.0

■ Normal ■ Deviations
■ Alarming ■ High Errors

Inner																												
SNR															Kp													
SrNo	Start Orbit	End Orbit	Dir.	Ver.	Sea Aft			Sea Fore			Land Aft			Land Fore			Sea Aft			Sea Fore			Land Aft			Land Fore		
					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	2	-33.48	24.123	0.446	-34.905	24.57	0.74	6.298	27.961	11.036	8.763	28.293	10.615	0.103	188.268	1.208	0.103	261.368	0.884	0.103	0.119	0.0	0.103	0.111	0.0
2	1984	1985	SN	1	-33.48	24.123	0.446	-34.905	24.57	0.74	6.298	27.961	11.036	8.763	28.293	10.615	0.103	188.268	1.208	0.103	261.368	0.884	0.103	0.119	0.0	0.103	0.111	0.0
3	1985	1986	NS	2	-33.085	28.061	0.658	-33.092	29.616	0.721	8.699	32.877	10.864	7.022	32.012	20.394	0.103	171.916	0.292	0.103	172.163	0.308	0.102	0.112	0.0	0.102	0.116	0.0
4	1985	1986	NS	4	-33.085	28.061	0.658	-33.092	29.616	0.721	8.699	32.877	10.864	7.022	32.012	20.394	0.103	171.916	0.292	0.103	172.163	0.308	0.102	0.112	0.0	0.102	0.116	0.0
5	1985	1986	SN	1	-34.755	24.526	1.058	-34.98	26.103	1.7	-1.896	27.548	8.811	0.717	29.02	9.362	0.103	252.411	5.886	0.103	265.885	4.684	0.103	0.22	0.0	0.103	0.165	0.0
6	1985	1986	SN	3	-34.755	24.526	1.058	-34.98	26.103	1.7	-1.896	27.548	8.811	0.717	29.02	9.362	0.103	252.411	5.886	0.103	265.885	4.684	0.103	0.22	0.0	0.103	0.165	0.0
7	1986	1987	SN	1	-34.564	25.399	1.068	-34.824	25.464	1.331	3.439	33.426	6.742	4.623	34.036	2.945	0.103	241.66	6.211	0.103	256.565	5.392	0.102	0.134	0.0	0.102	0.127	0.0
8	1986	1987	NS	2	-34.702	26.997	0.121	-34.77	27.981	0.142	-7.619	32.964	5.949	-5.221	31.579	13.156	0.103	249.429	2.283	0.103	253.307	2.511	0.102	0.572	0.0	0.102	0.367	0.0
9	1986	1987	SN	2	-34.564	25.399	1.068	-34.824	25.464	1.331	3.439	33.426	6.742	4.623	34.036	2.945	0.103	241.66	6.211	0.103	256.565	5.392	0.102	0.134	0.0	0.102	0.127	0.0
10	1986	1987	NS	1	-34.702	26.997	0.121	-34.77	27.981	0.142	-7.619	32.964	5.949	-5.221	31.579	13.156	0.103	249.429	2.283	0.103	253.307	2.511	0.102	0.572	0.0	0.102	0.367	0.0
11	1987	1988	SN	2	-34.232	25.685	0.003	-34.948	25.066	0.005	7.509	27.419	12.87	7.103	27.224	6.956	0.103	223.833	2.608	0.103	263.913	2.207	0.103	0.115	0.0	0.103	0.116	0.0
12	1987	1988	SN	1	-34.232	25.685	0.003	-34.948	25.066	0.005	7.509	27.419	12.87	7.103	27.224	6.956	0.103	223.833	2.608	0.103	263.913	2.207	0.103	0.115	0.0	0.103	0.116	0.0
13	1987	1988	NS	1	-34.793	26.431	0.219	-34.803	27.096	0.279	-6.941	27.887	7.858	-13.688	30.552	13.772	0.103	254.733	6.021	0.103	255.218	6.667	0.103	0.502	0.0	0.103	2.055	0.002
14	1988	1989	NS	1	-34.773	25.363	0.231	-34.906	25.574	0.237	-27.538	28.508	4.492	-16.828	30.481	8.365	0.103	253.563	4.694	0.103	261.378	4.517	0.103	47.975	0.031	0.103	4.149	0.011
15	1988	1989	SN	2	-34.354	25.563	0.003	-34.923	27.218	0.006	6.41	27.141	14.9	6.789	27.05	13.082	0.103	230.235	2.751	0.103	262.422	2.156	0.103	0.118	0.0	0.103	0.117	0.0
16	1988	1989	SN	1	-34.354	25.563	0.003	-34.923	27.218	0.006	6.41	27.141	14.9	6.789	27.05	13.082	0.103	230.235	2.751	0.103	262.422	2.156	0.103	0.118	0.0	0.103	0.117	0.0
17	1988	1989	NS	2	-34.773	25.363	0.231	-34.906	25.574	0.237	-27.538	28.508	4.492	-16.828	30.481	8.365	0.103	253.563	4.694	0.103	261.378	4.517	0.103	47.975	0.031	0.103	4.149	0.011
18	1989	1990	SN	2	-34.942	25.337	0.005	-34.472	27.192	0.019	5.983	27.791	15.95	7.503	28.488	19.627	0.103	263.613	3.75	0.103	236.506	2.761	0.103	0.12	0.0	0.103	0.115	0.0
19	1989	1990	SN	1	-34.942	25.337	0.005	-34.472	27.192	0.019	5.983	27.791	15.95	7.503	28.488	19.627	0.103	263.613	3.75	0.103	236.506	2.761	0.103	0.12	0.0	0.103	0.115	0.0
20	1989	1990	NS	2	-34.374	23.728	0.253	-34.868	24.154	0.354	-14.63	27.814	6.131	-20.126	28.909	10.986	0.103	231.241	5.345	0.103	259.11	4.561	0.103	2.533	0.003	0.103	8.775	0.004
21	1989	1990	NS	1	-34.374	23.728	0.253	-34.868	24.154	0.354	-14.63	27.814	6.131	-20.126	28.909	10.986	0.103	231.241	5.345	0.103	259.11	4.561	0.103	2.533	0.003	0.103	8.775	0.004
22	1990	1991	SN	2	-34.533	21.686	0.0	-34.994	22.596	0.002	6.108	27.436	12.786	7.839	28.267	11.522	0.103	239.904	4.087	0.103	266.807	2.963	0.103	0.119	0.0	0.103	0.114	0.0
23	1990	1991	SN	1	-34.533	21.686	0.0	-34.994	22.596	0.002	6.108	27.436	12.786	7.839	28.267	11.522	0.103	239.904	4.087	0.103	266.807	2.963	0.103	0.119	0.0	0.103	0.114	0.0
24	1990	1991	NS	2	-34.738	25.15	1.505	-34.662	25.69	1.913	-8.875	28.451	8.54	-8.035	29.622	13.023	0.103	251.503	1.932	0.103	247.153	2.081	0.103	0.735	0.0	0.103	0.62	0.0
25	1990	1991	NS	1	-34.738	25.15	1.505	-34.662	25.69	1.913	-8.875	28.451	8.54	-8.035	29.622	13.023	0.103	251.503	1.932	0.103	247.153	2.081	0.103	0.735	0.0	0.103	0.62	0.0
26	1991	1992	NS	2	-34.677	25.744	1.057	-33.392	26.473	1.436	7.431	28.45	10.938	6.049	28.75	19.618	0.103	248.036	0.934	0.103	184.443	0.847	0.103	0.115	0.0	0.103	0.12	0.0
27	1991	1992	SN	1	-34.852	24.789	0.241	-34.246	25.319	0.276	0.95	32.777	9.212	6.003	30.875	9.73	0.103	258.182	2.094	0.103	224.508	1.599	0.102	0.161	0.0	0.103	0.12	0.0
28	1991	1992	SN	2	-34.852	24.789	0.241	-34.246	25.319	0.276	0.95	32.777	9.212	6.003	30.875	9.73	0.103	258.182	2.094	0.103	224.508	1.599	0.102	0.161	0.0	0.103	0.12	0.0
29	1991	1992	NS	1	-34.677	25.744	1.057	-33.392	26.473	1.436	7.431	28.45	10.938	6.049	28.75	19.618	0.103	248.036	0.934	0.103	184.443	0.847	0.103	0.115	0.0	0.103	0.12	0.0
30	1992	1993	NS	2	-34.923	26.731	0.03	-34.671	25.077	0.044	-1.53	29.345	13.014	1.762	29.534	22.112	0.103	262.423	0.704	0.103	247.668	0.819	0.103	0.21	0.0	0.103	0.151	0.0
31	1992	1993	NS	1	-34.923	26.731	0.03	-34.671	25.077	0.044	-1.53	29.345	13.014	1.762	29.534	22.112	0.103	262.423	0.704	0.103	247.668	0.819	0.103	0.21	0.0	0.103	0.151	0.0
32	1992	1993	SN	1	-33.42	25.484	0.65	-34.919	26.411	0.688	-5.536	29.946	11.556	-2.636	30.852	10.933	0.103	185.647	1.211	0.103	262.179	1.298	0.103	0.387	0.0	0.103	0.244	0.0
33	1992	1993	SN	2	-33.42	25.484	0.65	-34.919	26.411	0.688	-5.536	29.946	11.556	-2.636	30.852	10.933	0.103	185.647	1.211	0.103	262.179	1.298	0.103	0.387	0.0	0.103	0.244	0.0

Parameter Specifications	Parameters	SNR	Kp	Normal Deviations Alarming High Errors
	Min	-65.0	0.0	
	Max	22.0	1.0	

73	2007	2008	NS	1	-33.738	25.164	0.332	-34.566	26.114	0.473	2.209	28.813	22.451	2.743	29.771	37.453	0.103	199.76	1.558	0.103	241.757	1.297	0.103	0.146	0.0	0.103	0.14	0.0
74	2007	2008	SN	1	-33.792	25.899	0.277	-34.371	26.159	0.394	-14.181	28.464	14.865	-10.23	29.788	12.71	0.103	202.271	3.755	0.103	231.134	3.048	0.103	2.293	0.005	0.103	0.973	0.0
75	2008	2009	SN	1	-34.962	25.897	0.22	-34.889	26.804	0.341	-2.644	34.26	13.87	-2.255	29.287	11.84	0.103	264.828	5.193	0.103	260.374	4.348	0.102	0.244	0.0	0.103	0.231	0.0
76	2008	2009	NS	2	-34.878	24.652	0.079	-34.991	26.726	0.053	-24.648	29.632	13.407	-25.347	31.989	23.596	0.103	259.728	3.526	0.103	266.619	3.578	0.103	24.705	0.042	0.102	29.008	0.035
77	2009	2010	NS	1	-34.895	23.881	0.123	-34.988	23.651	0.164	4.802	29.731	17.508	5.737	34.085	25.644	0.103	260.722	2.94	0.103	266.369	3.388	0.103	0.126	0.0	0.102	0.121	0.0
78	2009	2010	SN	1	-34.337	24.779	0.012	-34.971	25.827	0.165	-6.045	28.819	15.425	-4.48	30.617	14.962	0.103	229.27	4.827	0.103	265.322	3.794	0.103	0.425	0.0	0.103	0.323	0.0
79	2010	2011	NS	1	-34.601	23.935	0.143	-34.86	23.971	0.257	12.588	28.563	28.536	13.979	28.937	37.841	0.103	243.681	2.293	0.103	258.656	2.322	0.103	0.106	0.0	0.103	0.105	0.0
80	2010	2011	SN	2	-34.741	26.55	0.392	-34.478	27.122	0.996	-12.004	30.394	12.829	-8.759	30.889	12.1	0.103	251.673	3.121	0.103	236.823	2.76	0.103	1.421	0.002	0.103	0.717	0.0
81	2011	2012	SN	1	-33.93	26.915	0.287	-34.974	26.873	0.755	-9.778	28.878	22.249	-6.704	29.345	23.803	0.103	208.81	2.549	0.103	280.368	2.382	0.103	0.885	0.0	0.103	0.48	0.0
82	2011	2012	NS	1	-34.855	25.662	0.244	-34.764	25.967	0.271	10.483	28.021	26.316	10.945	29.543	33.025	0.103	258.358	2.438	0.103	253.01	2.094	0.103	0.108	0.0	0.103	0.108	0.0
83	2012	2013	SN	1	-34.96	25.247	0.145	-33.908	24.87	0.434	6.816	28.98	36.623	6.884	29.451	44.557	0.103	264.723	2.012	0.103	207.782	1.597	0.103	0.117	0.0	0.103	0.116	0.0
84	2012	2013	NS	1	-34.968	25.974	0.405	-34.263	25.903	0.378	7.271	28.637	23.833	7.749	29.212	32.064	0.103	265.19	2.637	0.103	225.385	2.831	0.103	0.115	0.0	0.103	0.114	0.0
85	2013	2014	NS	1	-34.816	28.448	0.607	-34.914	28.524	0.577	6.567	30.503	14.488	6.012	31.711	22.401	0.103	256.115	2.3	0.103	261.837	2.037	0.103	0.118	0.0	0.102	0.12	0.0

Parameter Specifications	Parameters	SNR	Kp
	Min	-65.0	0.0
	Max	22.0	1.0

■ Normal ■ Deviations
■ Alarming ■ High Errors

					Outer											
					Incidence Angle			Azimuth Angle			Range			X-Factor		
Sr No	Start Orbit	End Orbit	Dir.	Ver.	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)
1	1984	1985	SN	2	57.687	58.382	0.0	0.0	9.651	77.888	1234.688	1279.352	0.0	-93.177	-92.239	0.0
2	1984	1985	SN	1	57.687	58.382	0.0	0.0	9.651	0.218	1234.688	1279.352	0.0	-93.177	-92.239	0.0
3	1985	1986	NS	2	57.582	58.255	0.0	0.0	22.556	0.209	1206.256	1275.976	8.236	-92.991	-92.002	0.0
4	1985	1986	NS	4	57.582	58.255	0.0	0.0	22.556	77.255	1206.256	1275.976	8.236	-92.991	-92.002	0.0
5	1985	1986	SN	1	57.68	58.365	0.0	0.003	277.708	0.214	1234.08	1279.192	0.0	-93.262	-92.202	0.0
6	1985	1986	SN	3	57.68	58.365	0.0	0.003	277.708	79.11	1234.08	1279.192	0.0	-93.262	-92.202	0.0
7	1986	1987	SN	1	57.68	58.387	0.0	0.003	1.98	0.2	1233.712	1279.416	0.0	-93.339	-92.208	0.0
8	1986	1987	NS	2	57.583	58.254	0.0	0.003	1.974	72.534	1205.984	1276.328	8.075	-93.236	-91.978	0.0
9	1986	1987	SN	2	57.68	58.387	0.0	0.003	1.98	75.624	1233.712	1279.416	0.0	-93.339	-92.208	0.0
10	1986	1987	NS	1	57.583	58.254	0.0	0.003	1.974	0.149	1205.984	1276.328	8.075	-93.236	-91.978	0.0
11	1987	1988	SN	2	57.671	58.374	0.0	0.003	9.387	73.538	1233.28	1279.432	0.0	-93.091	-92.24	0.0
12	1987	1988	SN	1	57.671	58.374	0.0	0.003	9.387	0.204	1233.28	1279.432	0.0	-93.091	-92.24	0.0
13	1987	1988	NS	1	57.583	58.263	0.0	0.003	1.969	0.151	1206.152	1276.4	8.122	-93.056	-91.98	0.0
14	1988	1989	NS	1	57.552	58.28	0.0	0.003	1.974	0.156	1206.624	1276.288	7.441	-93.235	-91.994	0.0
15	1988	1989	SN	2	57.672	58.38	0.0	0.003	9.293	73.848	1233.192	1279.32	0.0	-93.119	-92.24	0.0
16	1988	1989	SN	1	57.672	58.38	0.0	0.003	9.293	0.205	1233.192	1279.32	0.0	-93.119	-92.24	0.0
17	1988	1989	NS	2	57.552	58.28	0.0	0.003	1.974	74.776	1206.624	1276.288	7.441	-93.235	-91.994	0.0
18	1989	1990	SN	2	57.671	58.385	0.0	0.003	9.1	73.744	1233.232	1279.648	0.0	-93.225	-92.239	0.0
19	1989	1990	SN	1	57.671	58.385	0.0	0.003	9.1	0.204	1233.232	1279.648	0.0	-93.225	-92.239	0.0
20	1989	1990	NS	2	57.554	58.271	0.0	0.003	1.974	75.757	1206.936	1276.48	8.555	-93.078	-92.016	0.0
21	1989	1990	NS	1	57.554	58.271	0.0	0.003	1.974	0.158	1206.936	1276.48	8.555	-93.078	-92.016	0.0
22	1990	1991	SN	2	57.667	58.371	0.0	0.003	8.934	75.586	1233.392	1279.696	0.0	-93.137	-92.24	0.0
23	1990	1991	SN	1	57.667	58.371	0.0	0.003	8.934	0.21	1233.392	1279.696	0.0	-93.137	-92.24	0.0
24	1990	1991	NS	2	57.567	58.286	0.0	0.003	1.974	75.874	1206.848	1276.128	8.669	-93.027	-92.014	0.0
25	1990	1991	NS	1	57.567	58.286	0.0	0.003	1.974	0.158	1206.848	1276.128	8.669	-93.027	-92.014	0.0
26	1991	1992	NS	2	57.582	58.268	0.0	0.003	1.974	74.479	1206.688	1276.232	9.378	-93.046	-92.025	0.0
27	1991	1992	SN	1	57.664	58.384	0.0	0.003	1.98	0.208	1234.24	1279.368	0.0	-93.427	-92.214	0.0
28	1991	1992	SN	2	57.664	58.384	0.0	0.003	1.98	77.464	1234.24	1279.368	0.0	-93.427	-92.214	0.0
29	1991	1992	NS	1	57.582	58.268	0.0	0.003	1.974	0.154	1206.688	1276.232	9.378	-93.046	-92.025	0.0
30	1992	1993	NS	2	57.569	58.272	0.0	0.003	1.974	75.486	1206.176	1276.432	9.584	-93.024	-92.006	0.0
31	1992	1993	NS	1	57.569	58.272	0.0	0.003	1.974	0.155	1206.176	1276.432	9.584	-93.024	-92.006	0.0
32	1992	1993	SN	1	57.665	58.374	0.0	0.003	1.98	0.202	1234.408	1279.584	0.0	-93.113	-92.184	0.0
33	1992	1993	SN	2	57.665	58.374	0.0	0.003	1.98	75.432	1234.408	1279.584	0.0	-93.113	-92.184	0.0
34	1993	1994	SN	1	57.665	58.367	0.0	0.003	1.991	0.198	1234.12	1279.568	0.0	-93.101	-92.186	0.0

Parameter Specifications	Parameters	Inc.Angle	Azi. Angle	Range	X-Factor
	Min	57.3	0.0	1210.0	-100.0
	Max	58.9	0.0	1280.0	-80.0

 Normal	 Deviations
 Alarming	 High Errors

35	1993	1994	NS	2	57.582	58.274	0.0	0.003	1.974	78.137	1206.472	1276.464	8.65	-93.288	-91.972	0.0
36	1993	1994	SN	2	57.665	58.367	0.0	0.003	1.991	73.514	1234.12	1279.568	0.0	-93.101	-92.186	0.0
37	1993	1994	NS	1	57.582	58.274	0.0	0.003	1.974	0.162	1206.472	1276.464	8.65	-93.288	-91.972	0.0
38	1994	1995	NS	2	57.583	58.278	0.0	0.003	1.974	75.736	1206.2	1276.368	9.222	-93.078	-91.99	0.0
39	1994	1995	NS	1	57.583	58.278	0.0	0.003	1.974	0.157	1206.2	1276.368	9.222	-93.078	-91.99	0.0
40	1994	1995	SN	2	57.665	58.381	0.0	0.003	1.985	74.738	1233.864	1279.448	0.0	-93.073	-92.227	0.0
41	1994	1995	SN	1	57.665	58.381	0.0	0.003	1.985	0.201	1233.864	1279.448	0.0	-93.073	-92.227	0.0
42	1995	1996	SN	2	57.655	58.392	0.0	0.003	1.985	76.608	1233.776	1279.568	0.0	-93.234	-92.209	0.0
43	1995	1996	NS	1	57.55	58.285	0.0	0.008	1.974	0.152	1206.168	1276.512	9.509	-93.144	-92.023	0.0
44	1995	1996	SN	1	57.655	58.392	0.0	0.003	1.985	0.205	1233.776	1279.568	0.0	-93.234	-92.209	0.0
45	1995	1996	NS	2	57.55	58.285	0.0	0.008	1.974	74.286	1206.168	1276.512	9.509	-93.144	-92.023	0.0
46	1996	1997	SN	2	57.627	58.39	0.0	0.003	1.985	75.219	1233.472	1279.696	0.0	-93.118	-92.22	0.0
47	1996	1997	NS	2	57.571	58.283	0.0	0.003	2.807	73.733	1205.76	1276.6	9.948	-93.195	-92.011	0.0
48	1996	1997	SN	1	57.627	58.39	0.0	0.003	1.985	0.202	1233.472	1279.696	0.0	-93.118	-92.22	0.0
49	1996	1997	NS	1	57.571	58.283	0.0	0.003	2.807	0.158	1205.76	1276.6	9.948	-93.195	-92.011	0.0
50	1997	1998	NS	2	57.559	58.275	0.0	0.003	1.974	75.077	1205.464	1276.72	10.723	-93.076	-92.015	0.0
51	1997	1998	NS	1	57.559	58.275	0.0	0.003	1.974	0.157	1205.464	1276.72	10.723	-93.076	-92.015	0.0
52	1997	1998	SN	1	57.614	58.395	0.0	0.003	1.985	0.198	1234.104	1279.856	0.0	-93.199	-92.227	0.0
53	1997	1998	SN	2	57.614	58.395	0.0	0.003	1.985	74.762	1234.104	1279.856	0.0	-93.199	-92.227	0.0
54	1998	1999	NS	1	57.579	58.258	0.0	0.003	1.98	74.759	1205.352	1276.88	10.874	-92.97	-92.007	0.0
55	1998	1999	SN	1	57.68	58.385	0.0	0.003	10.291	76.809	1233.64	1280.056	0.019	-93.114	-92.23	0.0
56	1998	1999	NS	1	57.579	58.258	0.0	0.003	1.98	0.135	1205.352	1267.872	12.489	-92.97	-92.007	0.0
57	1999	2000	NS	1	57.579	58.268	0.0	0.003	1.974	78.148	1206.264	1276.808	9.686	-92.999	-91.998	0.0
58	1999	2000	SN	1	57.709	58.371	0.0	0.003	10.109	79.27	1233.616	1280.016	0.003	-93.334	-92.193	0.0
59	2000	2001	NS	1	57.581	58.261	0.0	0.003	1.98	73.462	1206.44	1276.872	8.587	-93.067	-91.99	0.0
60	2000	2001	SN	1	57.734	58.38	0.0	0.003	10.01	75.793	1233.72	1280.016	0.004	-93.118	-92.203	0.0
61	2001	2002	NS	1	57.571	58.269	0.0	0.003	22.441	72.511	1205.816	1277.096	8.576	-93.283	-91.974	0.0
62	2001	2002	SN	2	57.72	58.398	0.0	0.003	278.138	73.705	1232.928	1280.152	0.113	-93.113	-92.215	0.0
63	2002	2003	NS	2	57.561	58.282	0.0	0.003	22.65	74.312	1206.112	1277.064	8.366	-93.092	-92.002	0.0
64	2002	2003	SN	1	57.734	58.368	0.0	0.003	9.85	73.532	1232.688	1280.08	0.024	-93.292	-92.238	0.0
65	2003	2004	SN	1	57.722	58.392	0.0	0.003	5.388	73.795	1233.048	1280.032	0.0	-93.133	-92.235	0.0
66	2003	2004	NS	1	57.582	58.279	0.0	0.003	1.974	74.256	1206.824	1277.0	8.413	-93.059	-91.983	0.0
67	2004	2005	SN	1	57.73	58.384	0.0	0.0	9.535	74.34	1232.816	1279.936	0.0	-93.211	-92.237	0.0
68	2004	2005	NS	1	57.555	58.276	0.0	0.003	1.974	76.006	1206.784	1276.96	8.882	-93.247	-92.004	0.0
69	2005	2006	NS	2	57.566	58.28	0.0	0.003	23.009	75.389	1206.136	1276.984	9.176	-93.091	-92.023	0.0
70	2005	2006	SN	1	57.735	58.376	0.0	0.003	9.298	76.91	1233.264	1279.968	0.0	-93.135	-92.254	0.0
71	2006	2007	NS	1	57.55	58.265	0.0	0.003	1.974	73.688	1205.864	1277.216	9.826	-93.088	-92.025	0.0

Parameter Specifications	Parameters	Inc.Angle	Azi. Angle	Range	X-Factor
	Min	57.3	0.0	1210.0	-100.0
	Max	58.9	0.0	1280.0	-80.0

 Normal	 Deviations
 Alarming	 High Errors

72	2006	2007	SN	2	57.736	58.387	0.0	0.003	9.045	77.807	1233.84	1280.272	0.411	-93.16	-92.217	0.0
73	2007	2008	NS	1	57.545	58.285	0.0	0.003	1.974	76.863	1206.44	1277.32	9.399	-93.111	-91.971	0.0
74	2007	2008	SN	1	57.716	58.388	0.0	0.003	1.98	74.343	1233.216	1280.384	0.631	-93.115	-92.173	0.0
75	2008	2009	SN	1	57.737	58.375	0.0	0.003	1.98	74.131	1233.184	1280.312	0.501	-93.334	-92.209	0.0
76	2008	2009	NS	2	57.558	58.288	0.0	0.003	1.974	76.338	1206.272	1277.296	9.181	-93.123	-91.996	0.0
77	2009	2010	NS	1	57.549	58.287	0.0	0.003	1.974	74.805	1205.992	1277.312	9.656	-93.077	-92.028	0.0
78	2009	2010	SN	1	57.71	58.393	0.0	0.003	1.98	76.304	1233.104	1280.336	0.537	-93.232	-92.208	0.0
79	2010	2011	NS	1	57.564	58.288	0.0	0.003	22.998	73.878	1206.208	1277.448	10.093	-93.067	-92.023	0.0
80	2010	2011	SN	2	57.698	58.394	0.0	0.003	1.98	76.597	1233.048	1280.448	0.808	-93.367	-92.203	0.0
81	2011	2012	SN	1	57.734	58.398	0.0	0.003	1.98	74.959	1232.952	1280.576	0.983	-93.371	-92.234	0.0
82	2011	2012	NS	1	57.544	58.284	0.0	0.003	1.974	74.173	1205.616	1277.44	10.756	-93.04	-92.007	0.0
83	2012	2013	SN	1	57.71	58.383	0.0	0.003	1.985	75.973	1232.776	1280.776	1.338	-93.118	-92.235	0.0
84	2012	2013	NS	1	57.572	58.264	0.0	0.003	248.583	74.207	1205.408	1277.664	11.099	-93.068	-92.015	0.0
85	2013	2014	NS	1	57.576	58.264	0.0	0.003	1.98	76.441	1205.256	1277.8	11.372	-92.991	-91.979	0.0

Parameter Specifications	Parameters	Inc.Angle	Azi. Angle	Range	X-Factor
	Min	57.3	0.0	1210.0	-100.0
	Max	58.9	0.0	1280.0	-80.0

 Normal	 Deviations
 Alarming	 High Errors

					Outer																							
					SNR												Kp											
					Sea Aft			Sea Fore			Land Aft			Land Fore			Sea Aft			Sea Fore			Land Aft			Land Fore		
SrNo	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	2	-34.9	18.847	0.0	-33.577	19.199	0.0	2.161	22.989	0.099	3.442	23.346	0.217	0.08	206.606	1.984	0.08	152.339	1.652	0.08	0.114	0.0	0.08	0.105	0.0
2	1984	1985	SN	1	-34.9	18.847	0.0	-33.577	19.199	0.0	2.161	22.989	0.099	3.442	23.346	0.217	0.08	206.606	1.984	0.08	152.339	1.652	0.08	0.114	0.0	0.08	0.105	0.0
3	1985	1986	NS	2	-34.673	21.695	0.0	-32.759	22.32	0.003	1.617	23.615	0.013	1.529	22.78	0.066	0.08	196.031	0.306	0.08	126.214	0.343	0.08	0.119	0.0	0.08	0.12	0.0
4	1985	1986	NS	4	-34.673	21.695	0.0	-32.759	22.32	0.003	1.617	23.615	0.013	1.529	22.78	0.066	0.08	196.031	0.306	0.08	126.214	0.343	0.08	0.119	0.0	0.08	0.12	0.0
5	1985	1986	SN	1	-34.326	18.696	0.0	-34.898	19.073	0.0	-2.993	22.095	0.002	-2.07	21.587	0.0	0.08	181.034	5.871	0.08	206.53	4.686	0.08	0.201	0.0	0.08	0.177	0.0
6	1985	1986	SN	3	-34.326	18.696	0.0	-34.898	19.073	0.0	-2.993	22.095	0.002	-2.07	21.587	0.0	0.08	181.034	5.871	0.08	206.53	4.686	0.08	0.201	0.0	0.08	0.177	0.0
7	1986	1987	SN	1	-34.95	18.43	0.0	-34.499	18.946	0.0	-0.304	22.084	0.005	0.31	21.709	0.0	0.081	208.934	5.409	0.08	188.391	4.829	0.08	0.142	0.0	0.08	0.134	0.0
8	1986	1987	NS	2	-34.349	20.837	0.0	-33.952	20.792	0.0	-9.828	22.658	0.005	-8.123	23.038	0.033	0.08	182.019	1.857	0.08	166.077	1.897	0.08	0.706	0.0	0.08	0.498	0.0
9	1986	1987	SN	2	-34.95	18.43	0.0	-34.499	18.946	0.0	-0.304	22.084	0.005	0.31	21.709	0.0	0.081	208.934	5.409	0.08	188.391	4.829	0.08	0.142	0.0	0.08	0.134	0.0
10	1986	1987	NS	1	-34.349	20.837	0.0	-33.952	20.792	0.0	-9.828	22.658	0.005	-8.123	23.038	0.033	0.08	182.019	1.857	0.08	166.077	1.897	0.08	0.706	0.0	0.08	0.498	0.0
11	1987	1988	SN	2	-34.948	18.555	0.0	-34.362	17.642	0.0	1.53	21.717	0.0	1.349	20.401	0.0	0.081	208.906	2.108	0.081	182.499	1.876	0.08	0.12	0.0	0.08	0.122	0.0
12	1987	1988	SN	1	-34.948	18.555	0.0	-34.362	17.642	0.0	1.53	21.717	0.0	1.349	20.401	0.0	0.081	208.906	2.108	0.081	182.499	1.876	0.08	0.12	0.0	0.08	0.122	0.0
13	1987	1988	NS	1	-34.962	20.877	0.0	-34.9	20.66	0.0	-10.679	21.505	0.0	-18.335	22.186	0.005	0.08	209.569	5.09	0.08	206.622	5.499	0.08	0.844	0.0	0.08	4.617	0.032
14	1988	1989	NS	1	-34.826	20.199	0.0	-34.991	20.407	0.0	-29.068	22.303	0.003	-25.87	22.367	0.005	0.08	205.885	5.104	0.08	210.956	5.446	0.08	53.991	0.073	0.08	25.882	0.046
15	1988	1989	SN	2	-35.001	15.664	0.0	-34.838	18.184	0.0	0.78	22.238	0.011	1.391	22.39	0.044	0.081	211.389	2.159	0.081	203.656	2.015	0.08	0.128	0.0	0.08	0.121	0.0
16	1988	1989	SN	1	-35.001	15.664	0.0	-34.838	18.184	0.0	0.78	22.238	0.011	1.391	22.39	0.044	0.081	211.389	2.159	0.081	203.656	2.015	0.08	0.128	0.0	0.08	0.121	0.0
17	1988	1989	NS	2	-34.826	20.199	0.0	-34.991	20.407	0.0	-29.068	22.303	0.003	-25.87	22.367	0.005	0.08	205.885	5.104	0.08	210.956	5.446	0.08	53.991	0.073	0.08	25.882	0.046
18	1989	1990	SN	2	-34.074	15.237	0.0	-34.778	19.406	0.0	1.049	22.005	0.005	1.815	22.474	0.024	0.081	170.819	2.8	0.08	200.87	2.413	0.08	0.125	0.0	0.08	0.117	0.0
19	1989	1990	SN	1	-34.074	15.237	0.0	-34.778	19.406	0.0	1.049	22.005	0.005	1.815	22.474	0.024	0.081	170.819	2.8	0.08	200.87	2.413	0.08	0.125	0.0	0.08	0.117	0.0
20	1989	1990	NS	2	-34.847	19.24	0.0	-34.42	19.042	0.0	-23.893	22.327	0.003	-26.616	22.351	0.008	0.08	204.135	4.418	0.08	184.967	4.486	0.08	16.439	0.069	0.08	30.715	0.05
21	1989	1990	NS	1	-34.847	19.24	0.0	-34.42	19.042	0.0	-23.893	22.327	0.003	-26.616	22.351	0.008	0.08	204.135	4.418	0.08	184.967	4.486	0.08	16.439	0.069	0.08	30.715	0.05
22	1990	1991	SN	2	-34.951	18.968	0.0	-34.789	16.607	0.0	0.542	22.362	0.034	3.623	22.432	0.033	0.08	209.039	3.859	0.081	201.375	3.188	0.08	0.131	0.0	0.08	0.104	0.0
23	1990	1991	SN	1	-34.951	18.968	0.0	-34.789	16.607	0.0	0.542	22.362	0.034	3.623	22.432	0.033	0.08	209.039	3.859	0.081	201.375	3.188	0.08	0.131	0.0	0.08	0.104	0.0
24	1990	1991	NS	2	-34.82	18.88	0.0	-34.094	19.333	0.0	-20.18	21.756	0.0	-19.382	22.843	0.015	0.08	202.813	2.305	0.08	171.594	2.489	0.08	7.027	0.07	0.08	5.858	0.015
25	1990	1991	NS	1	-34.82	18.88	0.0	-34.094	19.333	0.0	-20.18	21.756	0.0	-19.382	22.843	0.015	0.08	202.813	2.305	0.08	171.594	2.489	0.08	7.027	0.07	0.08	5.858	0.015
26	1991	1992	NS	2	-34.967	18.645	0.0	-34.936	19.397	0.0	2.882	22.885	0.215	0.823	22.854	0.348	0.08	209.746	1.255	0.08	208.278	1.22	0.08	0.109	0.0	0.08	0.127	0.0
27	1991	1992	SN	1	-34.996	19.178	0.0	-34.812	19.123	0.0	0.966	23.058	0.121	1.481	23.323	0.304	0.08	211.173	2.382	0.08	202.458	1.833	0.08	0.126	0.0	0.08	0.12	0.0
28	1991	1992	SN	2	-34.996	19.178	0.0	-34.812	19.123	0.0	0.966	23.058	0.121	1.481	23.323	0.304	0.08	211.173	2.382	0.08	202.458	1.833	0.08	0.126	0.0	0.08	0.12	0.0
29	1991	1992	NS	1	-34.967	18.645	0.0	-34.936	19.397	0.0	2.882	22.885	0.215	0.823	22.854	0.348	0.08	209.746	1.255	0.08	208.278	1.22	0.08	0.109	0.0	0.08	0.127	0.0
30	1992	1993	NS	2	-33.915	18.131	0.0	-34.767	18.126	0.0	-1.083	22.939	0.214	0.868	23.382	0.629	0.081	164.652	1.472	0.081	200.381	1.631	0.08	0.156	0.0	0.08	0.127	0.0
31	1992	1993	NS	1	-33.915	18.131	0.0	-34.767	18.126	0.0	-1.083	22.939	0.214	0.868	23.382	0.629	0.081	164.652	1.472	0.081	200.381	1.631	0.08	0.156	0.0	0.08	0.127	0.0
32	1992	1993	SN	1	-33.444	18.499	0.0	-33.961	19.765	0.0	-10.171	23.45	0.037	-10.032	23.535	0.321	0.081	147.779	1.945	0.08	166.438	2.028	0.08	0.758	0.0	0.08	0.736	0.0

Parameter Specifications	Parameters	SNR	Kp	Normal	Deviations
	Min	-65.0	0.0	Alarming	High Errors
	Max	22.0	1.0		

33	1992	1993	SN	2	-33.444	18.499	0.0	-33.961	19.765	0.0	-10.171	23.45	0.037	-10.032	23.535	0.321	0.081	147.779	1.945	0.08	166.438	2.028	0.08	0.758	0.0	0.08	0.736	0.0
34	1993	1994	SN	1	-34.187	21.247	0.0	-34.133	22.033	0.001	-22.843	22.768	0.053	-13.09	23.564	0.221	0.08	175.287	1.637	0.08	173.167	1.51	0.08	12.922	0.045	0.08	1.424	0.002
35	1993	1994	NS	2	-34.711	18.096	0.0	-34.806	19.157	0.0	-3.066	23.281	0.317	0.48	23.488	1.116	0.081	197.778	2.749	0.08	202.182	2.802	0.08	0.203	0.0	0.08	0.131	0.0
36	1993	1994	SN	2	-34.187	21.247	0.0	-34.133	22.033	0.001	-22.843	22.768	0.053	-13.09	23.564	0.221	0.08	175.287	1.637	0.08	173.167	1.51	0.08	12.922	0.045	0.08	1.424	0.002
37	1993	1994	NS	1	-34.711	18.096	0.0	-34.806	19.157	0.0	-3.066	23.281	0.317	0.48	23.488	1.116	0.081	197.778	2.749	0.08	202.182	2.802	0.08	0.203	0.0	0.08	0.131	0.0
38	1994	1995	NS	2	-34.637	18.321	0.0	-34.919	17.973	0.0	0.399	23.41	0.1	1.97	23.637	0.552	0.081	194.435	4.464	0.081	207.455	4.078	0.08	0.133	0.0	0.08	0.116	0.0
39	1994	1995	NS	1	-34.637	18.321	0.0	-34.919	17.973	0.0	0.399	23.41	0.1	1.97	23.637	0.552	0.081	194.435	4.464	0.081	207.455	4.078	0.08	0.133	0.0	0.08	0.116	0.0
40	1994	1995	SN	2	-34.895	20.656	0.0	-34.801	21.793	0.0	-25.16	23.109	0.059	-19.942	23.263	0.262	0.08	206.35	5.356	0.08	201.946	5.369	0.08	21.987	0.054	0.08	6.655	0.048
41	1994	1995	SN	1	-34.895	20.656	0.0	-34.801	21.793	0.0	-25.16	23.109	0.059	-19.942	23.263	0.262	0.08	206.35	5.356	0.08	201.946	5.369	0.08	21.987	0.054	0.08	6.655	0.048
42	1995	1996	SN	2	-32.969	19.729	0.0	-34.864	19.851	0.0	-30.254	22.709	0.047	-25.16	23.4	0.169	0.08	132.453	3.294	0.08	204.899	2.797	0.08	70.932	0.016	0.08	21.986	0.019
43	1995	1996	NS	1	-34.953	17.888	0.0	-34.549	17.978	0.0	2.166	22.826	0.17	1.933	23.307	0.463	0.081	209.104	3.911	0.081	190.54	4.456	0.08	0.114	0.0	0.08	0.116	0.0
44	1995	1996	SN	1	-32.969	19.729	0.0	-34.864	19.851	0.0	-30.254	22.709	0.047	-25.16	23.4	0.169	0.08	132.453	3.294	0.08	204.899	2.797	0.08	70.932	0.016	0.08	21.986	0.019
45	1995	1996	NS	2	-34.953	17.888	0.0	-34.549	17.978	0.0	2.166	22.826	0.17	1.933	23.307	0.463	0.081	209.104	3.911	0.081	190.54	4.456	0.08	0.114	0.0	0.08	0.116	0.0
46	1996	1997	SN	2	-34.405	19.565	0.0	-34.871	20.382	0.0	-18.231	23.267	0.095	-27.349	24.017	0.236	0.08	184.363	3.615	0.08	205.197	3.892	0.08	4.509	0.017	0.08	36.359	0.031
47	1996	1997	NS	2	-34.957	19.451	0.0	-33.642	19.531	0.0	5.607	22.843	0.237	6.038	23.196	0.44	0.08	209.349	1.637	0.08	154.658	1.944	0.08	0.095	0.0	0.08	0.093	0.0
48	1996	1997	SN	1	-34.405	19.565	0.0	-34.871	20.382	0.0	-18.231	23.267	0.095	-27.349	24.017	0.236	0.08	184.363	3.615	0.08	205.197	3.892	0.08	4.509	0.017	0.08	36.359	0.031
49	1996	1997	NS	1	-34.957	19.451	0.0	-33.642	19.531	0.0	5.607	22.843	0.237	6.038	23.196	0.44	0.08	209.349	1.637	0.08	154.658	1.944	0.08	0.095	0.0	0.08	0.093	0.0
50	1997	1998	NS	2	-34.578	19.466	0.0	-34.662	19.763	0.0	0.505	23.156	0.169	1.199	23.015	0.608	0.08	191.848	2.566	0.08	195.563	2.509	0.08	0.131	0.0	0.08	0.123	0.0
51	1997	1998	NS	1	-34.578	19.466	0.0	-34.662	19.763	0.0	0.505	23.156	0.169	1.199	23.015	0.608	0.08	191.848	2.566	0.08	195.563	2.509	0.08	0.131	0.0	0.08	0.123	0.0
52	1997	1998	SN	1	-34.47	19.708	0.0	-34.592	20.695	0.0	-7.343	23.063	0.284	-7.605	23.221	0.64	0.08	187.117	2.029	0.08	192.436	1.985	0.08	0.427	0.0	0.08	0.449	0.0
53	1997	1998	SN	2	-34.47	19.708	0.0	-34.592	20.695	0.0	-7.343	23.063	0.284	-7.605	23.221	0.64	0.08	187.117	2.029	0.08	192.436	1.985	0.08	0.427	0.0	0.08	0.449	0.0
54	1998	1999	NS	1	-34.977	21.32	0.0	-34.416	21.163	0.0	1.461	23.222	0.298	2.428	23.917	0.615	0.08	210.31	2.209	0.08	184.824	2.056	0.08	0.12	0.0	0.08	0.112	0.0
55	1998	1999	SN	1	-34.492	17.65	0.0	-34.851	18.168	0.0	1.614	22.908	0.147	2.695	23.677	0.745	0.081	188.045	1.581	0.081	204.264	1.148	0.08	0.119	0.0	0.08	0.11	0.0
56	1998	1999	NS	1	-34.977	18.861	0.0	-34.416	21.163	0.0	3.959	21.68	0.0	2.428	20.885	0.0	0.08	210.31	2.22	0.08	184.824	2.061	0.08	0.102	0.0	0.08	0.112	0.0
57	1999	2000	NS	1	-32.408	21.986	0.0	-34.275	21.567	0.0	0.933	23.227	0.099	-0.102	23.345	0.17	0.08	116.403	0.758	0.08	178.912	0.748	0.08	0.126	0.0	0.08	0.139	0.0
58	1999	2000	SN	1	-34.679	19.11	0.0	-33.563	19.363	0.0	-22.433	22.039	0.001	-10.094	22.144	0.002	0.08	196.333	2.695	0.08	151.852	1.979	0.08	11.763	0.003	0.08	0.746	0.0
59	2000	2001	NS	1	-34.977	20.057	0.0	-34.051	21.914	0.0	-13.726	22.31	0.002	-11.438	23.136	0.047	0.08	210.276	1.754	0.08	173.895	1.753	0.08	1.638	0.002	0.08	0.993	0.0
60	2000	2001	SN	1	-33.938	18.27	0.0	-34.945	19.669	0.0	-7.927	22.062	0.002	-9.511	22.347	0.004	0.081	165.561	3.858	0.08	208.747	3.719	0.08	0.479	0.0	0.08	0.66	0.0
61	2001	2002	NS	1	-34.832	20.393	0.0	-34.41	21.391	0.0	-6.992	22.498	0.022	-29.766	22.75	0.043	0.08	203.365	3.569	0.08	184.565	3.72	0.08	0.399	0.0	0.08	63.385	0.068
62	2001	2002	SN	2	-34.95	19.621	0.0	-34.837	19.185	0.0	-0.445	22.047	0.003	0.642	22.487	0.009	0.08	208.981	3.693	0.08	203.591	3.487	0.08	0.145	0.0	0.08	0.129	0.0
63	2002	2003	NS	2	-34.86	20.345	0.0	-34.847	21.306	0.0	-16.778	21.856	0.0	-34.86	22.368	0.01	0.08	204.665	5.337	0.08	204.122	5.95	0.08	3.245	0.044	0.08	204.714	0.12
64	2002	2003	SN	1	-34.946	19.251	0.0	-34.857	17.921	0.0	0.452	21.709	0.0	1.823	21.227	0.0	0.08	208.792	2.341	0.081	204.522	2.104	0.08	0.132	0.0	0.08	0.117	0.0
65	2003	2004	SN	1	-34.94	18.292	0.0	-34.727	18.478	0.0	0.529	21.763	0.0	1.79	21.909	0.0	0.081	208.518	2.186	0.081	198.505	1.957	0.08	0.131	0.0	0.08	0.117	0.0
66	2003	2004	NS	1	-34.352	18.588	0.0	-34.527	19.324	0.0	-11.421	22.198	0.003	-8.654	22.617	0.011	0.081	182.133	2.802	0.08	189.576	2.785	0.08	0.99	0.0	0.08	0.554	0.0
67	2004	2005	SN	1	-34.878	16.44	0.0	-34.826	16.686	0.0	0.16	21.884	0.0	1.51	21.463	0.0	0.081	205.589	2.449	0.081	203.074	2.321	0.08	0.136	0.0	0.08	0.12	0.0
68	2004	2005	NS	1	-34.943	18.982	0.0	-34.178	19.579	0.0	-17.481	21.872	0.0	-33.424	22.467	0.011	0.08	208.691	1.598	0.08	174.917	1.819	0.08	3.803	0.037	0.08	147.1	0.025
69	2005	2006	NS	2	-34.14	19.451	0.0	-34.756	20.015	0.0	-11.581	22.22	0.021	-21.599	22.289	0.043	0.08	173.46	1.523	0.08	199.859	1.781	0.08	1.024	0.005	0.08	9.72	0.061

Parameter Specifications	Parameters	SNR	Kp
	Min	-65.0	0.0
	Max	22.0	1.0

Normal

Deviations

Alarming

High Errors

70	2005	2006	SN	1	-34.903	18.622	0.0	-34.942	19.267	0.0	0.618	22.901	0.083	3.828	23.148	0.209	0.081	206.739	4.379	0.08	208.568	4.35	0.08	0.13	0.0	0.08	0.103	0.0
71	2006	2007	NS	1	-34.088	19.239	0.0	-34.612	19.841	0.0	2.035	22.741	0.058	1.459	22.877	0.209	0.08	171.352	1.651	0.08	197.864	1.546	0.08	0.115	0.0	0.08	0.12	0.0
72	2006	2007	SN	2	-34.606	18.524	0.0	-34.832	19.004	0.0	-15.731	23.529	0.097	-8.044	23.386	0.385	0.081	193.074	2.698	0.08	203.385	2.484	0.08	2.563	0.001	0.08	0.49	0.0
73	2007	2008	NS	1	-34.699	18.773	0.0	-34.297	18.806	0.0	1.066	23.213	0.28	1.898	23.796	0.932	0.08	197.275	1.172	0.08	179.818	1.282	0.08	0.125	0.0	0.08	0.116	0.0
74	2007	2008	SN	1	-34.724	18.977	0.0	-34.137	19.703	0.0	-28.686	23.27	0.037	-10.099	23.625	0.261	0.08	198.339	2.526	0.08	173.301	2.046	0.08	49.433	0.079	0.08	0.747	0.0
75	2008	2009	SN	1	-34.83	19.381	0.0	-34.798	19.913	0.0	-5.544	22.814	0.067	-2.95	23.632	0.218	0.08	203.309	4.212	0.08	201.814	3.517	0.08	0.305	0.0	0.08	0.2	0.0
76	2008	2009	NS	2	-34.994	17.717	0.0	-34.759	18.626	0.0	-23.576	22.805	0.208	-21.693	23.818	0.763	0.081	211.087	3.372	0.08	200.009	3.344	0.08	15.285	0.05	0.08	9.932	0.023
77	2009	2010	NS	1	-34.195	18.144	0.0	-34.789	17.42	0.0	0.143	22.996	0.101	0.014	23.467	0.396	0.081	175.622	2.571	0.081	201.386	2.755	0.08	0.136	0.0	0.08	0.138	0.0
78	2009	2010	SN	1	-34.73	16.815	0.0	-34.422	18.195	0.0	-26.293	23.058	0.051	-28.967	23.714	0.194	0.081	198.666	3.715	0.081	185.075	3.349	0.08	28.522	0.09	0.08	52.752	0.099
79	2010	2011	NS	1	-33.519	17.997	0.0	-34.713	18.631	0.0	6.046	22.958	0.204	5.975	23.273	0.435	0.081	150.331	2.0	0.08	197.874	1.945	0.08	0.093	0.0	0.08	0.093	0.0
80	2010	2011	SN	2	-34.544	19.639	0.0	-34.683	20.312	0.0	-23.663	22.715	0.046	-29.636	23.309	0.172	0.08	194.832	3.797	0.08	196.515	3.318	0.08	15.593	0.025	0.08	61.506	0.044
81	2011	2012	SN	1	-34.445	20.164	0.0	-34.864	21.581	0.0	-24.088	23.017	0.311	-34.195	23.139	0.621	0.08	186.045	2.314	0.08	204.934	2.224	0.08	17.194	0.055	0.08	175.61	0.06
82	2011	2012	NS	1	-33.808	19.783	0.0	-34.56	19.259	0.0	2.738	22.961	0.207	2.712	23.951	0.559	0.08	160.678	1.803	0.08	191.019	1.616	0.08	0.11	0.0	0.08	0.11	0.0
83	2012	2013	SN	1	-34.795	18.717	0.0	-34.504	19.062	0.0	2.033	22.789	0.334	1.354	23.642	1.158	0.08	201.655	2.178	0.08	188.601	1.928	0.08	0.115	0.0	0.08	0.122	0.0
84	2012	2013	NS	1	-34.724	18.959	0.0	-34.94	19.885	0.0	1.968	22.795	0.163	2.27	23.317	0.565	0.08	198.336	2.323	0.08	208.5	2.605	0.08	0.116	0.0	0.08	0.113	0.0
85	2013	2014	NS	1	-34.218	21.142	0.0	-34.937	21.34	0.0	2.341	23.29	0.25	0.536	23.556	0.554	0.08	176.593	1.715	0.08	208.377	1.573	0.08	0.113	0.0	0.08	0.131	0.0

Parameter Specifications	Parameters	SNR	Kp
	Min	-65.0	0.0
	Max	22.0	1.0

Normal

Deviations

Alarming

High Errors