





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

Report between 08-FEB-2017 To 09-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	1955	1956	SN	1	48.825	49.427	0.0	0.003	1.809	0.146	1051.576	1085.008	0.0	-91.305	-90.227	0.0
2	1956	1957	SN	1	48.854	49.424	0.0	0.003	298.709	0.146	1051.672	1084.88	0.0	-91.621	-90.198	0.0
3	1956	1957	NS	1	48.705	49.33	0.0	0.003	1.803	0.188	1027.672	1082.64	0.0	-91.123	-90.047	0.0
4	1957	1958	NS	2	48.733	49.31	0.0	0.003	1.809	0.18	1027.848	1082.896	0.0	-91.418	-89.971	0.0
5	1957	1958	SN	1	48.852	49.412	0.0	0.003	6.226	0.148	1050.992	1085.056	0.0	-91.326	-90.199	0.0
6	1958	1959	NS	1	48.702	49.304	0.0	0.003	1.809	0.181	1027.872	1082.984	0.0	-91.166	-89.978	0.0
7	1958	1959	SN	1	48.851	49.445	0.0	0.003	6.221	0.146	1051.28	1085.104	0.0	-91.342	-90.223	0.0
8	1959	1960	NS	1	48.7	49.305	0.0	0.003	1.809	0.185	1028.584	1082.92	0.0	-91.179	-89.979	0.0
9	1959	1960	SN	1	48.819	49.393	0.0	0.003	6.585	0.146	1050.464	1085.024	0.0	-91.256	-90.184	0.0
10	1960	1961	NS	1	48.734	49.359	0.0	0.003	6.342	0.199	1028.544	1082.92	0.0	-91.242	-89.984	0.0
11	1960	1961	SN	2	48.841	49.424	0.0	0.003	195.391	0.147	1050.6	1085.048	0.0	-91.483	-90.222	0.0
12	1961	1962	SN	1	48.835	49.439	0.0	0.003	6.524	0.15	1050.536	1084.952	0.0	-91.351	-90.222	0.0
13	1961	1962	NS	2	48.733	49.353	0.0	0.003	6.331	0.2	1028.208	1082.824	0.0	-91.206	-89.998	0.0
14	1962	1963	SN	1	48.843	49.416	0.0	0.003	1.814	0.143	1050.968	1085.064	0.0	-91.348	-90.224	0.0
15	1962	1963	NS	1	48.712	49.318	0.0	0.003	1.809	0.183	1028.024	1082.904	0.0	-91.196	-90.007	0.0
16	1963	1964	SN	1	48.851	49.393	0.0	0.003	1.809	0.142	1051.304	1085.224	0.0	-91.811	-90.175	0.0
17	1963	1964	NS	1	48.685	49.301	0.0	0.003	1.809	0.188	1028.152	1083.016	0.0	-91.166	-90.003	0.0
18	1964	1965	NS	1	48.71	49.339	0.0	0.003	1.809	0.192	1027.856	1083.048	0.0	-91.168	-89.955	0.0
19	1964	1965	SN	1	48.851	49.394	0.0	0.003	1.809	0.141	1051.064	1085.256	0.0	-91.792	-90.167	0.0
20	1965	1966	NS	1	48.729	49.355	0.0	0.003	1.809	0.189	1027.744	1082.96	0.0	-91.496	-89.98	0.0
21	1965	1966	SN	1	48.836	49.431	0.0	0.003	1.814	0.141	1051.152	1085.152	0.0	-91.725	-90.196	0.0
22	1966	1967	SN	1	48.808	49.445	0.0	0.003	1.809	0.145	1051.344	1085.232	0.0	-91.326	-90.191	0.0
23	1966	1967	NS	1	48.698	49.351	0.0	0.003	1.809	0.185	1028.2	1083.064	0.0	-91.275	-90.007	0.0
24	1967	1968	SN	1	48.813	49.394	0.0	0.003	1.809	0.139	1051.32	1085.328	0.0	-91.249	-90.197	0.0
25	1967	1968	NS	1	48.73	49.306	0.0	0.003	1.809	0.185	1027.584	1083.168	0.0	-91.408	-89.99	0.0
26	1968	1969	NS	1	48.69	49.319	0.0	0.003	6.271	0.203	1027.808	1083.256	0.0	-91.643	-89.993	0.0
27	1968	1969	SN	1	48.81	49.444	0.0	0.003	1.809	0.138	1051.28	1085.456	0.0	-91.953	-90.218	0.0
28	1969	1970	NS	1	48.729	49.305	0.0	0.003	1.792	0.182	1027.448	1075.664	0.0	-90.877	-89.988	0.0
29	1970	1971	NS	2	48.699	49.35	0.0	0.003	1.803	0.193	1027.44	1083.392	0.0	-91.236	-89.985	0.0
30	1970	1971	SN	1	48.815	49.419	0.0	0.008	6.298	0.155	1050.84	1085.56	0.0	-91.332	-90.203	0.0
31	1971	1972	NS	2	48.73	49.362	0.0	0.003	1.803	0.183	1027.648	1083.456	0.0	-91.27	-89.978	0.0
32	1971	1972	SN	1	48.818	49.4	0.0	0.003	6.282	0.149	1050.616	1085.584	0.0	-91.253	-90.185	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	1972	1973	SN	1	48.813	49.434	0.0	0.003	6.276	0.146	1050.456	1085.704	0.0	-91.242	-90.2	0.0
34	1972	1973	NS	1	48.719	49.353	0.0	0.003	6.337	0.193	1027.664	1083.64	0.0	-91.244	-89.961	0.0
35	1973	1974	SN	1	48.817	49.434	0.0	0.003	6.26	0.147	1050.16	1085.64	0.0	-91.542	-90.22	0.0
36	1973	1974	NS	1	48.711	49.357	0.0	0.003	181.631	0.184	1028.368	1083.608	0.0	-91.061	-89.997	0.0
37	1974	1975	NS	1	48.723	49.364	0.0	0.003	6.348	0.198	1028.408	1083.536	0.0	-91.298	-89.986	0.0
38	1974	1975	SN	1	48.828	49.422	0.0	0.003	6.232	0.148	1050.616	1085.584	0.0	-91.286	-90.219	0.0
39	1975	1976	SN	1	48.823	49.423	0.0	0.003	1.814	0.14	1050.176	1085.536	0.0	-91.356	-90.22	0.0
40	1975	1976	NS	1	48.71	49.354	0.0	0.003	1.809	0.185	1028.128	1083.488	0.0	-91.265	-89.99	0.0
41	1976	1977	SN	1	48.824	49.431	0.0	0.003	1.814	0.143	1050.416	1086.008	0.0	-91.575	-90.219	0.0
42	1976	1977	NS	1	48.724	49.312	0.0	0.003	6.326	0.198	1027.608	1083.48	0.0	-91.23	-90.002	0.0
43	1977	1978	NS	2	48.692	49.341	0.0	0.003	1.809	0.185	1028.072	1083.656	0.0	-91.218	-90.003	0.0
44	1977	1978	NS	3	48.692	49.341	0.0	0.003	1.809	0.185	1028.072	1083.656	0.0	-91.218	-90.003	0.0
45	1977	1978	SN	1	48.824	49.407	0.0	0.003	1.814	0.146	1051.184	1085.824	0.0	-91.583	-90.209	0.0
46	1977	1978	NS	1	48.692	49.341	0.0	0.003	1.809	0.185	1028.072	1083.656	0.0	-91.218	-90.003	0.0
47	1978	1979	NS	1	48.729	49.352	0.0	0.003	1.809	0.191	1028.064	1083.768	0.0	-91.185	-89.953	0.0
48	1978	1979	SN	1	48.811	49.398	0.0	0.003	1.814	0.138	1050.824	1085.904	0.0	-91.332	-90.173	0.0
49	1979	1980	SN	1	48.825	49.445	0.0	0.003	251.534	0.138	1050.776	1085.864	0.0	-91.347	-90.216	0.0
50	1979	1980	NS	1	48.696	49.35	0.0	0.003	1.809	0.19	1027.6	1083.728	0.0	-91.298	-89.97	0.0
51	1979	1980	NS	2	48.696	49.35	0.0	0.003	1.809	0.19	1027.6	1083.728	0.0	-91.298	-89.97	0.0
52	1980	1981	NS	2	48.697	49.357	0.0	0.003	6.331	0.201	1027.648	1083.688	0.0	-91.243	-90.005	0.0
53	1980	1981	SN	1	48.813	49.396	0.0	0.003	1.814	0.14	1051.136	1085.856	0.0	-91.349	-90.19	0.0
54	1981	1982	NS	1	48.624	49.311	0.0	0.003	1.809	0.185	1027.432	1083.792	0.0	-91.651	-90.003	0.0
55	1981	1982	SN	1	48.808	49.438	0.0	0.003	1.814	0.142	1051.056	1085.96	0.0	-91.279	-90.209	0.0
56	1982	1983	NS	1	48.696	49.337	0.0	0.003	1.814	0.186	1027.552	1083.864	0.0	-91.256	-89.988	0.0
57	1982	1983	SN	1	48.805	49.436	0.0	0.003	1.814	0.14	1051.048	1086.016	0.0	-91.348	-90.216	0.0
58	1983	1984	NS	1	48.696	49.309	0.0	0.003	1.809	0.186	1027.424	1084.04	0.0	-91.115	-89.987	0.0
59	1983	1984	SN	1	48.802	49.439	0.0	0.003	1.814	0.141	1051.056	1086.192	0.0	-91.35	-90.212	0.0
60	1984	1985	NS	1	48.707	49.309	0.0	0.003	1.809	0.191	1027.128	1084.128	0.0	-91.082	-89.981	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											
					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	1955	1956	SN	1	-34.957	24.254	0.466	-33.539	24.738	0.705	5.509	28.36	11.995	7.075	29.916	12.474	0.103	264.475	2.188	0.103	190.795	1.718	0.103	0.122	0.0	0.103	0.116	0.0
2	1956	1957	SN	1	-34.979	24.797	1.139	-34.77	25.34	1.923	-9.068	31.814	10.037	-5.027	31.404	11.183	0.103	265.814	4.019	0.103	253.368	3.052	0.102	0.764	0.0	0.103	0.355	0.0
3	1956	1957	NS	1	-34.577	28.519	0.635	-34.291	28.722	0.752	9.245	34.218	11.832	6.293	36.373	21.529	0.103	242.309	1.164	0.103	226.843	1.148	0.102	0.11	0.0	0.102	0.119	0.0
4	1957	1958	NS	2	-34.567	27.234	0.154	-33.237	27.161	0.203	-4.825	29.096	6.293	-3.726	30.84	13.596	0.103	241.834	2.815	0.103	178.049	2.808	0.103	0.343	0.0	0.103	0.286	0.0
5	1957	1958	SN	1	-34.753	24.952	1.175	-33.995	25.288	1.499	5.098	30.687	9.567	4.675	35.374	6.606	0.103	252.344	3.197	0.103	211.949	2.873	0.103	0.124	0.0	0.102	0.126	0.0
6	1958	1959	NS	1	-34.47	26.072	0.223	-34.255	26.429	0.293	-3.269	28.573	7.737	-20.536	29.659	13.613	0.103	236.477	2.375	0.103	224.997	2.837	0.103	0.267	0.0	0.103	9.634	0.002
7	1958	1959	SN	1	-34.558	25.934	0.007	-34.734	25.348	0.004	5.444	27.396	13.92	6.772	27.401	8.48	0.103	241.248	1.943	0.103	251.261	1.768	0.103	0.122	0.0	0.103	0.117	0.0
8	1959	1960	NS	1	-34.291	25.374	0.258	-34.699	25.821	0.254	-9.679	28.199	4.713	-13.519	30.651	8.707	0.103	226.841	1.733	0.103	249.212	1.706	0.103	0.867	0.0	0.103	1.98	0.001
9	1959	1960	SN	1	-34.351	24.463	0.023	-34.185	25.512	0.021	6.724	27.093	15.452	6.884	27.197	13.458	0.103	230.031	2.335	0.103	221.462	2.055	0.103	0.117	0.0	0.103	0.116	0.0
10	1960	1961	NS	1	-34.717	24.113	0.217	-34.643	24.203	0.338	-8.827	27.868	7.109	-12.348	29.218	12.299	0.103	250.319	2.865	0.103	246.073	2.438	0.103	0.727	0.0	0.103	1.531	0.001
11	1960	1961	SN	2	-34.66	25.1	0.008	-34.936	26.77	0.025	5.419	27.962	16.387	7.751	28.27	20.562	0.103	246.993	1.28	0.103	263.21	0.977	0.103	0.122	0.0	0.103	0.114	0.0
12	1961	1962	SN	1	-34.618	24.735	0.008	-34.634	25.0	0.009	6.399	27.379	13.086	7.905	28.049	13.032	0.103	244.68	2.451	0.103	245.575	1.728	0.103	0.118	0.0	0.103	0.113	0.0
13	1961	1962	NS	2	-34.742	25.568	1.842	-32.711	25.781	2.209	-6.967	29.27	9.534	-7.391	29.335	14.242	0.103	251.719	2.071	0.103	157.705	1.882	0.103	0.504	0.0	0.103	0.547	0.0
14	1962	1963	SN	1	-34.773	25.73	0.65	-34.985	26.541	0.746	2.418	30.184	9.654	5.449	33.62	10.554	0.103	253.495	2.968	0.103	266.25	2.924	0.103	0.143	0.0	0.102	0.122	0.0
15	1962	1963	NS	1	-34.959	26.298	1.387	-34.748	26.143	1.705	7.482	28.901	11.48	7.435	28.651	20.052	0.103	264.586	1.294	0.103	252.091	1.287	0.103	0.115	0.0	0.103	0.115	0.0
16	1963	1964	SN	1	-33.805	27.435	1.797	-33.511	27.77	1.876	-7.872	32.297	11.746	-5.716	29.717	11.078	0.103	202.851	1.653	0.103	189.595	1.378	0.102	0.601	0.0	0.103	0.4	0.0
17	1963	1964	NS	1	-34.057	26.237	0.07	-34.908	25.274	0.105	5.116	28.844	13.828	-0.642	29.8	22.804	0.103	214.965	1.068	0.103	261.537	0.722	0.103	0.124	0.0	0.103	0.197	0.0
18	1964	1965	NS	1	-34.902	25.442	0.076	-34.892	26.898	0.09	-1.811	29.223	21.983	-1.748	29.576	34.237	0.103	261.173	3.56	0.103	260.578	3.216	0.103	0.218	0.0	0.103	0.216	0.0
19	1964	1965	SN	1	-34.936	28.296	0.832	-34.427	27.955	0.988	-9.817	28.694	14.361	-2.364	29.434	12.197	0.103	263.224	3.953	0.103	234.107	2.989	0.103	0.892	0.0	0.103	0.234	0.0
20	1965	1966	NS	1	-34.21	25.349	0.093	-34.826	24.143	0.045	-2.678	28.36	15.166	2.183	29.701	23.62	0.103	222.68	3.689	0.103	256.622	4.05	0.103	0.245	0.0	0.103	0.146	0.0
21	1965	1966	SN	1	-34.967	27.506	0.48	-34.914	28.937	0.637	-11.83	36.106	17.548	-15.446	29.647	16.534	0.103	265.05	4.112	0.103	261.865	3.828	0.102	1.368	0.002	0.103	3.04	0.002
22	1966	1967	SN	1	-34.99	27.042	0.158	-34.51	25.866	0.456	-28.908	28.963	14.223	-30.684	29.481	11.785	0.103	266.457	2.68	0.103	238.612	2.099	0.103	65.77	0.03	0.103	98.939	0.03
23	1966	1967	NS	1	-34.309	24.717	0.22	-34.889	23.601	0.4	8.555	34.723	23.819	8.919	29.37	32.431	0.103	227.84	1.853	0.103	260.369	1.723	0.102	0.112	0.0	0.103	0.111	0.0
24	1967	1968	SN	1	-32.719	26.216	0.295	-34.784	26.677	0.887	-8.414	28.609	14.621	-2.602	30.133	14.683	0.103	158.02	0.647	0.103	254.197	0.674	0.103	0.669	0.0	0.103	0.242	0.0
25	1967	1968	NS	1	-33.136	25.198	0.283	-34.963	25.851	0.372	10.071	28.696	28.806	11.782	29.217	35.202	0.103	173.958	1.401	0.103	264.918	1.438	0.103	0.109	0.0	0.103	0.107	0.0
26	1968	1969	NS	1	-34.623	26.428	0.56	-34.696	27.07	0.551	6.635	28.621	26.626	6.816	28.877	34.068	0.103	244.957	2.326	0.103	249.101	2.137	0.103	0.117	0.0	0.103	0.117	0.0
27	1968	1969	SN	1	-34.977	25.456	0.169	-34.687	26.406	0.504	1.444	29.076	35.758	1.714	29.502	42.326	0.103	265.773	4.195	0.103	248.527	3.059	0.103	0.154	0.0	0.103	0.151	0.0
28	1969	1970	NS	1	-34.671	23.006	0.095	-33.73	27.724	0.548	9.451	27.04	4.972	7.836	27.967	5.478	0.103	247.63	2.793	0.103	199.414	2.634	0.103	0.11	0.0	0.103	0.114	0.0
29	1970	1971	NS	2	-34.425	27.41	0.966	-34.883	28.337	0.972	5.978	31.262	11.605	6.16	31.363	19.253	0.103	234.011	1.579	0.103	260.015	1.416	0.103	0.12	0.0	0.103	0.119	0.0
30	1970	1971	SN	1	-34.598	24.601	1.064	-33.794	25.458	1.33	-17.796	27.856	5.637	-28.474	29.658	2.991	0.103	243.494	3.316	0.103	202.391	2.686	0.103	5.165	0.023	0.103	59.51	0.016
31	1971	1972	NS	2	-32.439	26.541	0.397	-33.393	27.761	0.483	0.317	34.076	7.255	-0.068	31.954	15.249	0.103	148.143	1.21	0.103	184.554	1.186	0.102	0.171	0.0	0.102	0.178	0.0
32	1971	1972	SN	1	-34.815	24.608	1.043	-34.954	25.554	1.533	4.131	27.984	8.335	7.955	31.279	5.482	0.103	255.981	6.067	0.103	264.352	5.643	0.103	0.13	0.0	0.103	0.113	0.0
33	1972	1973	SN	1	-34.187	23.099	0.05	-34.258	23.283	0.067	5.088	31.963	10.826	5.305	27.13	6.757	0.103	221.488	2.288	0.103	225.161	1.969	0.102	0.124	0.0	0.103	0.123	0.0

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

■ Normal      ■ Deviations  
■ Alarming      ■ High Errors

34	1972	1973	NS	1	-34.778	26.394	0.356	-34.963	26.675	0.414	-3.383	28.402	7.455	-12.407	29.266	13.127	0.103	253.764	5.668	0.103	264.85	5.975	0.103	0.272	0.0	0.103	1.551	0.002
35	1973	1974	SN	1	-34.679	25.928	0.006	-34.553	25.124	0.006	5.706	27.09	11.167	6.402	26.756	5.994	0.103	248.118	2.245	0.103	241.067	1.664	0.103	0.121	0.0	0.103	0.118	0.0
36	1973	1974	NS	1	-34.371	25.404	0.281	-34.612	27.169	0.27	-11.918	28.519	7.261	-13.27	31.053	12.139	0.103	231.15	1.85	0.103	244.343	2.299	0.103	1.395	0.007	0.103	1.874	0.002
37	1974	1975	NS	1	-33.952	24.418	0.042	-34.004	25.079	0.062	-25.401	28.637	4.172	-27.388	28.881	8.315	0.103	209.886	3.445	0.103	212.441	3.504	0.103	29.373	0.076	0.103	46.363	0.052
38	1974	1975	SN	1	-34.909	23.564	0.002	-34.498	26.592	0.011	6.284	28.643	17.061	7.404	28.335	19.124	0.103	261.564	1.854	0.103	237.979	2.029	0.103	0.119	0.0	0.103	0.115	0.0
39	1975	1976	SN	1	-34.946	25.151	0.003	-34.807	25.229	0.003	6.448	27.789	16.142	7.836	29.011	14.229	0.103	263.885	2.095	0.103	255.553	1.988	0.103	0.118	0.0	0.103	0.114	0.0
40	1975	1976	NS	1	-34.256	25.396	1.072	-34.123	25.176	1.275	-11.254	28.926	8.268	-19.701	28.917	11.78	0.103	225.071	2.054	0.103	218.315	1.831	0.103	1.209	0.002	0.103	7.962	0.002
41	1976	1977	SN	1	-34.617	26.061	0.247	-34.683	25.668	0.269	6.546	34.013	9.849	10.206	32.046	8.535	0.103	244.596	3.031	0.103	248.362	2.897	0.102	0.118	0.0	0.102	0.109	0.0
42	1976	1977	NS	1	-33.953	25.086	1.123	-34.988	25.622	1.476	-1.804	28.307	12.92	-3.798	29.3	18.137	0.103	209.911	1.178	0.103	266.412	1.13	0.103	0.218	0.0	0.103	0.29	0.0
43	1977	1978	NS	2	-34.012	26.576	1.156	-34.255	27.192	1.47	6.094	29.188	9.671	5.843	32.19	16.375	0.103	212.824	0.737	0.103	224.997	0.628	0.103	0.119	0.0	0.102	0.12	0.0
44	1977	1978	NS	3	-34.012	26.576	1.156	-34.255	27.192	1.47	6.094	29.188	9.671	5.843	32.19	16.375	0.103	212.824	0.737	0.103	224.997	0.628	0.103	0.119	0.0	0.102	0.12	0.0
45	1977	1978	SN	1	-34.068	26.033	0.713	-34.6	26.845	0.774	-6.763	34.65	10.794	-5.614	33.696	10.227	0.103	215.497	3.076	0.103	243.61	2.21	0.102	0.485	0.0	0.102	0.393	0.0
46	1977	1978	NS	1	-34.012	26.576	1.156	-34.255	27.192	1.47	6.094	29.188	9.671	5.843	32.19	16.375	0.103	212.824	0.737	0.103	224.997	0.628	0.103	0.119	0.0	0.102	0.12	0.0
47	1978	1979	NS	1	-34.286	25.331	0.144	-34.905	26.773	0.161	-2.879	29.065	21.819	-2.69	29.76	35.871	0.103	226.642	1.668	0.103	261.317	1.326	0.103	0.252	0.0	0.103	0.245	0.0
48	1978	1979	SN	1	-33.599	27.715	0.729	-34.311	27.381	0.857	-19.39	28.703	14.659	-7.192	29.313	12.22	0.103	193.498	1.988	0.103	227.951	1.268	0.103	7.418	0.01	0.103	0.526	0.0
49	1979	1980	SN	1	-34.798	27.591	0.511	-34.968	28.377	0.649	-5.634	28.388	13.523	-0.45	29.311	11.243	0.103	255.019	4.958	0.103	265.15	4.119	0.103	0.394	0.0	0.103	0.185	0.0
50	1979	1980	NS	1	-34.297	25.096	0.07	-34.83	26.485	0.019	-3.522	30.697	13.658	-2.469	32.164	24.003	0.103	227.168	3.516	0.103	256.905	3.051	0.103	0.278	0.0	0.102	0.238	0.0
51	1979	1980	NS	2	-34.297	25.096	0.07	-34.83	26.485	0.019	-3.522	30.697	13.658	-2.469	32.164	24.003	0.103	227.168	3.516	0.103	256.905	3.051	0.103	0.278	0.0	0.102	0.238	0.0
52	1980	1981	NS	2	-34.685	24.358	0.134	-34.586	23.34	0.187	4.186	28.262	17.618	4.87	29.918	25.652	0.103	248.444	2.984	0.103	242.815	2.743	0.103	0.129	0.0	0.103	0.125	0.0
53	1980	1981	SN	1	-34.598	26.516	0.222	-34.662	27.094	0.398	-5.052	28.617	15.018	-6.154	29.697	14.281	0.103	243.572	4.326	0.103	247.139	3.038	0.103	0.356	0.0	0.103	0.433	0.0
54	1981	1982	NS	1	-34.939	23.872	0.147	-34.057	23.849	0.251	13.165	28.55	28.727	13.453	29.181	38.824	0.103	263.377	2.235	0.103	215.03	2.238	0.103	0.106	0.0	0.103	0.105	0.0
55	1981	1982	SN	1	-34.83	25.383	0.257	-33.18	26.053	0.785	-9.013	28.959	12.316	-19.325	29.393	11.414	0.103	256.855	2.106	0.103	175.714	1.83	0.103	0.755	0.0	0.103	7.308	0.004
56	1982	1983	NS	1	-34.249	25.274	0.29	-34.731	25.671	0.337	9.929	28.105	25.762	11.239	28.894	32.319	0.103	224.674	2.183	0.103	251.098	2.269	0.103	0.109	0.0	0.103	0.107	0.0
57	1982	1983	SN	1	-34.097	26.223	0.201	-33.987	26.524	0.661	-20.926	28.725	21.929	-8.254	29.902	22.983	0.103	216.997	2.546	0.103	211.562	1.77	0.103	10.531	0.002	0.103	0.648	0.0
58	1983	1984	NS	1	-34.772	26.525	0.607	-34.942	27.215	0.581	6.849	28.983	24.148	7.977	29.041	32.478	0.103	253.467	2.115	0.103	263.609	1.672	0.103	0.117	0.0	0.103	0.113	0.0
59	1983	1984	SN	1	-34.906	24.833	0.143	-34.806	25.127	0.446	7.222	28.654	36.236	7.28	29.608	42.927	0.103	261.449	2.301	0.103	255.443	2.021	0.103	0.115	0.0	0.103	0.115	0.0
60	1984	1985	NS	1	-34.869	27.828	0.737	-34.246	28.603	0.685	5.014	30.365	14.837	4.948	30.917	22.48	0.103	259.191	2.783	0.103	224.544	2.521	0.103	0.124	0.0	0.103	0.125	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	1955	1956	SN	1	57.723	58.372	0.0	0.003	1.98	0.208	1235.424	1278.072	0.0	-93.098	-92.25	0.0
2	1956	1957	SN	1	57.751	58.367	0.0	0.003	1.98	0.21	1234.792	1277.656	0.0	-93.165	-92.207	0.0
3	1956	1957	NS	1	57.56	58.245	0.0	0.003	1.969	0.162	1206.328	1274.32	7.29	-92.966	-92.061	0.0
4	1957	1958	NS	2	57.584	58.265	0.0	0.003	1.969	0.152	1206.8	1274.624	6.937	-93.018	-91.992	0.0
5	1957	1958	SN	1	57.749	58.365	0.0	0.003	8.857	0.21	1235.152	1277.856	0.0	-93.204	-92.218	0.0
6	1958	1959	NS	1	57.579	58.252	0.0	0.003	1.969	0.15	1206.688	1274.744	6.96	-92.961	-92.0	0.0
7	1958	1959	SN	1	57.745	58.373	0.0	0.003	8.802	0.203	1234.912	1277.904	0.0	-93.398	-92.245	0.0
8	1959	1960	NS	1	57.568	58.246	0.0	0.003	1.974	0.154	1207.496	1274.664	6.331	-93.071	-91.992	0.0
9	1959	1960	SN	1	57.695	58.357	0.0	0.003	11.433	0.206	1234.272	1277.824	0.0	-93.059	-92.245	0.0
10	1960	1961	NS	1	57.583	58.272	0.0	0.003	22.126	0.205	1207.472	1274.672	7.255	-93.065	-92.013	0.0
11	1960	1961	SN	2	57.732	58.368	0.0	0.003	11.24	0.204	1234.056	1277.808	0.0	-93.163	-92.245	0.0
12	1961	1962	SN	1	57.744	58.36	0.0	0.003	11.019	0.209	1234.136	1277.736	0.0	-93.113	-92.245	0.0
13	1961	1962	NS	2	57.591	58.263	0.0	0.003	22.093	0.206	1207.392	1274.56	7.415	-93.041	-92.022	0.0
14	1962	1963	SN	1	57.724	58.357	0.0	0.003	324.216	0.205	1234.368	1277.84	0.0	-93.474	-92.243	0.0
15	1962	1963	NS	1	57.565	58.25	0.0	0.003	1.974	0.155	1207.152	1274.656	8.154	-93.053	-92.026	0.0
16	1963	1964	SN	1	57.744	58.381	0.0	0.003	1.98	0.202	1234.656	1278.04	0.0	-93.097	-92.186	0.0
17	1963	1964	NS	1	57.566	58.242	0.0	0.003	1.974	0.159	1207.008	1274.784	8.398	-93.046	-92.012	0.0
18	1964	1965	NS	1	57.563	58.269	0.0	0.003	1.974	0.162	1206.744	1274.824	7.666	-93.033	-91.972	0.0
19	1964	1965	SN	1	57.747	58.374	0.0	0.003	1.98	0.196	1234.696	1278.072	0.0	-93.09	-92.189	0.0
20	1965	1966	NS	1	57.585	58.25	0.0	0.003	1.974	0.158	1206.344	1274.72	8.155	-93.055	-91.998	0.0
21	1965	1966	SN	1	57.727	58.374	0.0	0.003	1.98	0.199	1234.528	1277.936	0.0	-93.312	-92.222	0.0
22	1966	1967	SN	1	57.715	58.373	0.0	0.003	1.98	0.206	1234.232	1278.04	0.0	-93.081	-92.218	0.0
23	1966	1967	NS	1	57.551	58.272	0.0	0.003	1.974	0.155	1207.128	1274.848	8.394	-93.043	-92.028	0.0
24	1967	1968	SN	1	57.723	58.359	0.0	0.003	1.98	0.201	1234.912	1278.16	0.0	-93.103	-92.229	0.0
25	1967	1968	NS	1	57.561	58.264	0.0	0.003	1.974	0.152	1206.344	1274.968	8.861	-93.213	-92.024	0.0
26	1968	1969	NS	1	57.573	58.262	0.0	0.003	22.898	0.204	1206.312	1275.072	9.579	-93.421	-92.014	0.0
27	1968	1969	SN	1	57.716	58.38	0.0	0.003	211.886	0.202	1234.816	1278.368	0.0	-93.248	-92.245	0.0
28	1969	1970	NS	1	57.568	58.248	0.0	0.003	1.974	0.136	1205.864	1266.488	11.21	-92.972	-92.01	0.0
29	1970	1971	NS	2	57.555	58.246	0.0	0.003	1.969	0.163	1205.864	1275.256	8.646	-93.009	-91.996	0.0
30	1970	1971	SN	1	57.722	58.367	0.0	0.003	9.238	0.219	1234.528	1278.56	0.0	-93.279	-92.205	0.0
31	1971	1972	NS	2	57.586	58.268	0.0	0.003	1.974	0.154	1206.296	1275.336	7.536	-93.094	-91.999	0.0
32	1971	1972	SN	1	57.726	58.362	0.0	0.003	9.133	0.211	1234.192	1278.504	0.0	-93.15	-92.222	0.0
33	1972	1973	SN	1	57.719	58.388	0.0	0.003	9.061	0.205	1233.84	1278.632	0.0	-93.104	-92.24	0.0
34	1972	1973	NS	1	57.577	58.263	0.0	0.003	22.722	0.198	1206.376	1275.56	7.615	-93.042	-91.99	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	1973	1974	SN	1	57.717	58.383	0.0	0.003	8.973	0.204	1233.632	1278.568	0.0	-93.454	-92.242	0.0
36	1973	1974	NS	1	57.567	58.264	0.0	0.003	1.974	0.155	1207.264	1275.512	7.478	-93.095	-92.016	0.0
37	1974	1975	NS	1	57.57	58.269	0.0	0.003	22.396	0.203	1207.296	1275.424	7.381	-93.075	-92.005	0.0
38	1974	1975	SN	1	57.715	58.377	0.0	0.003	8.819	0.205	1233.696	1278.472	0.0	-93.144	-92.242	0.0
39	1975	1976	SN	1	57.71	58.384	0.0	0.003	1.98	0.197	1233.832	1278.968	0.0	-93.331	-92.242	0.0
40	1975	1976	NS	1	57.588	58.272	0.0	0.003	1.974	0.155	1206.872	1275.36	7.766	-93.046	-92.013	0.0
41	1976	1977	SN	1	57.71	58.36	0.0	0.003	1.98	0.204	1233.696	1278.472	0.0	-93.116	-92.242	0.0
42	1976	1977	NS	1	57.562	58.271	0.0	0.0	22.446	0.206	1206.36	1275.352	8.173	-93.113	-92.017	0.0
43	1977	1978	NS	2	57.559	58.258	0.0	0.003	1.974	0.153	1206.88	1275.56	8.819	-93.017	-92.024	0.0
44	1977	1978	NS	3	57.559	58.258	0.0	0.003	1.974	0.153	1206.88	1275.56	8.819	-93.017	-92.024	0.0
45	1977	1978	SN	1	57.71	58.363	0.0	0.003	1.98	0.205	1234.736	1278.8	0.0	-93.325	-92.216	0.0
46	1977	1978	NS	1	57.559	58.258	0.0	0.003	1.974	0.153	1206.88	1275.56	8.819	-93.017	-92.024	0.0
47	1978	1979	NS	1	57.585	58.258	0.0	0.003	1.974	0.159	1206.856	1275.712	8.477	-93.29	-91.969	0.0
48	1978	1979	SN	1	57.696	58.364	0.0	0.003	1.985	0.198	1234.096	1278.888	0.0	-93.102	-92.211	0.0
49	1979	1980	SN	1	57.712	58.389	0.0	0.003	1.98	0.198	1234.064	1278.816	0.0	-93.1	-92.237	0.0
50	1979	1980	NS	1	57.555	58.267	0.0	0.003	1.974	0.161	1206.312	1275.656	8.363	-93.341	-92.001	0.0
51	1979	1980	NS	2	57.555	58.267	0.0	0.003	1.974	0.161	1206.312	1275.656	8.363	-93.341	-92.001	0.0
52	1980	1981	NS	2	57.563	58.277	0.0	0.003	21.922	0.204	1206.352	1275.6	8.833	-93.141	-92.016	0.0
53	1980	1981	SN	1	57.699	58.369	0.0	0.003	1.98	0.203	1234.232	1278.792	0.0	-93.108	-92.209	0.0
54	1981	1982	NS	1	57.556	58.272	0.0	0.008	249.631	0.155	1206.032	1275.736	9.276	-93.453	-92.023	0.0
55	1981	1982	SN	1	57.693	58.385	0.0	0.003	1.985	0.203	1233.968	1278.912	0.0	-93.331	-92.231	0.0
56	1982	1983	NS	1	57.547	58.271	0.0	0.003	1.974	0.155	1206.56	1275.824	9.906	-93.067	-92.01	0.0
57	1982	1983	SN	1	57.69	58.421	0.0	0.003	1.98	0.199	1233.728	1279.008	0.0	-93.293	-92.238	0.0
58	1983	1984	NS	1	57.56	58.252	0.0	0.003	1.98	0.155	1205.728	1276.024	10.257	-93.013	-92.009	0.0
59	1983	1984	SN	1	57.686	58.393	0.0	0.003	1.98	0.201	1234.552	1279.208	0.0	-93.271	-92.238	0.0
60	1984	1985	NS	1	57.562	58.258	0.0	0.003	1.974	0.159	1205.624	1276.16	10.511	-93.117	-92.009	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	1955	1956	SN	1	-32.942	19.067	0.0	-33.848	19.304	0.0	1.603	23.184	0.094	4.1	23.1	0.149	0.08	131.623	2.313	0.08	162.132	1.927	0.08	0.119	0.0	0.08	0.101	0.0
2	1956	1957	SN	1	-34.798	18.34	0.0	-34.745	19.007	0.0	-13.391	22.825	0.005	-9.961	21.528	0.0	0.081	201.77	5.357	0.08	199.383	4.314	0.08	1.521	0.002	0.08	0.725	0.0
3	1956	1957	NS	1	-33.413	21.063	0.0	-34.985	21.62	0.0	1.442	23.447	0.015	1.009	23.091	0.061	0.08	146.71	0.95	0.08	210.705	1.084	0.08	0.121	0.0	0.08	0.125	0.0
4	1957	1958	NS	2	-33.845	20.373	0.0	-34.711	20.49	0.0	-11.517	22.35	0.005	-26.613	23.396	0.035	0.08	162.066	3.246	0.08	197.836	3.107	0.08	1.01	0.002	0.08	30.694	0.002
5	1957	1958	SN	1	-34.702	18.21	0.0	-34.923	19.098	0.0	1.733	22.081	0.002	0.104	21.193	0.0	0.081	197.347	3.561	0.08	207.688	3.149	0.08	0.118	0.0	0.08	0.136	0.0
6	1958	1959	NS	1	-34.967	19.779	0.0	-34.962	19.926	0.0	-11.628	21.736	0.0	-34.725	22.569	0.005	0.08	209.785	2.245	0.08	209.518	2.806	0.08	1.035	0.002	0.08	198.428	0.058
7	1958	1959	SN	1	-34.834	18.868	0.0	-34.953	17.203	0.0	1.083	21.921	0.0	1.191	20.142	0.0	0.08	203.438	1.898	0.081	209.066	2.032	0.08	0.124	0.0	0.08	0.123	0.0
8	1959	1960	NS	1	-34.563	19.38	0.0	-34.603	19.749	0.0	-21.834	22.302	0.001	-31.439	22.206	0.006	0.08	191.19	1.766	0.08	192.941	1.842	0.08	10.255	0.03	0.08	93.162	0.058
9	1959	1960	SN	1	-34.566	16.521	0.0	-34.54	18.923	0.0	1.072	22.444	0.011	2.062	22.144	0.026	0.081	191.318	2.146	0.08	190.106	2.265	0.08	0.124	0.0	0.08	0.115	0.0
10	1960	1961	NS	1	-34.1	18.55	0.0	-34.676	18.898	0.0	-30.398	22.107	0.002	-28.123	22.187	0.006	0.081	171.85	2.478	0.08	196.169	2.539	0.08	73.3	0.078	0.08	43.43	0.06
11	1960	1961	SN	2	-34.485	16.363	0.0	-34.581	18.996	0.0	0.508	22.115	0.005	1.128	22.412	0.055	0.081	187.774	1.372	0.08	191.969	1.264	0.08	0.131	0.0	0.08	0.124	0.0
12	1961	1962	SN	1	-34.968	16.231	0.0	-34.73	16.163	0.0	1.114	23.957	0.044	3.613	22.901	0.067	0.081	209.868	2.49	0.081	198.673	1.998	0.08	0.124	0.0	0.08	0.104	0.0
13	1961	1962	NS	2	-34.399	19.783	0.0	-34.761	19.861	0.0	-33.291	21.678	0.0	-19.633	22.231	0.011	0.08	184.081	1.825	0.08	200.052	1.797	0.08	142.64	0.095	0.08	6.204	0.004
14	1962	1963	SN	1	-34.371	20.427	0.0	-34.973	20.407	0.0	0.17	23.15	0.107	1.637	23.625	0.33	0.08	182.916	4.087	0.08	210.104	4.114	0.08	0.136	0.0	0.08	0.119	0.0
15	1962	1963	NS	1	-34.454	19.766	0.0	-34.622	19.742	0.0	1.473	23.057	0.385	1.765	23.074	0.404	0.08	186.448	1.032	0.08	193.74	1.123	0.08	0.12	0.0	0.08	0.117	0.0
16	1963	1964	SN	1	-34.656	20.614	0.0	-34.844	20.778	0.0	-12.914	23.007	0.049	-8.191	23.796	0.325	0.08	195.262	1.752	0.08	203.975	1.416	0.08	1.37	0.001	0.08	0.504	0.0
17	1963	1964	NS	1	-32.646	19.274	0.0	-34.773	18.111	0.0	-5.009	23.256	0.232	1.883	23.611	0.661	0.08	122.982	1.171	0.081	200.633	0.81	0.08	0.278	0.0	0.08	0.116	0.0
18	1964	1965	NS	1	-34.308	18.575	0.0	-34.957	18.314	0.0	0.658	23.309	0.384	-1.161	23.819	1.16	0.081	180.276	2.884	0.081	209.307	3.131	0.08	0.129	0.0	0.08	0.157	0.0
19	1964	1965	SN	1	-34.99	21.347	0.0	-34.925	21.685	0.0	-28.59	22.604	0.048	-9.972	23.328	0.241	0.08	210.866	3.771	0.08	207.781	3.051	0.08	48.359	0.04	0.08	0.727	0.0
20	1965	1966	NS	1	-34.988	18.973	0.0	-34.629	17.395	0.0	-3.176	23.604	0.106	1.589	23.734	0.531	0.08	210.806	3.229	0.081	194.083	3.579	0.08	0.207	0.0	0.08	0.119	0.0
21	1965	1966	SN	1	-34.762	21.272	0.0	-34.734	21.949	0.0	-31.323	22.904	0.069	-28.771	23.357	0.267	0.08	200.169	3.259	0.08	198.862	3.245	0.08	92.835	0.098	0.08	50.412	0.06
22	1966	1967	SN	1	-33.277	20.636	0.0	-34.977	20.224	0.0	-19.657	22.877	0.05	-20.706	23.59	0.202	0.08	142.205	2.048	0.08	210.329	1.861	0.08	6.238	0.023	0.08	7.925	0.013
23	1966	1967	NS	1	-34.744	19.195	0.0	-34.49	17.891	0.0	2.185	22.853	0.193	1.204	23.306	0.51	0.08	199.287	1.52	0.081	187.951	1.498	0.08	0.114	0.0	0.08	0.123	0.0
24	1967	1968	SN	1	-34.303	19.392	0.0	-33.107	19.927	0.0	-20.624	22.942	0.088	-28.41	23.476	0.264	0.08	180.033	0.49	0.08	136.712	0.566	0.08	7.777	0.03	0.08	46.411	0.052
25	1967	1968	NS	1	-33.362	19.66	0.0	-33.568	19.783	0.0	5.628	23.19	0.235	5.808	23.331	0.477	0.08	145.025	1.229	0.08	152.064	1.254	0.08	0.095	0.0	0.08	0.094	0.0
26	1968	1969	NS	1	-34.782	20.543	0.0	-34.725	20.699	0.0	1.26	22.891	0.2	1.411	23.502	0.597	0.08	201.074	2.222	0.08	198.449	2.168	0.08	0.122	0.0	0.08	0.121	0.0
27	1968	1969	SN	1	-34.591	19.847	0.0	-34.799	20.169	0.0	-11.437	22.794	0.302	-11.245	23.335	0.709	0.08	192.391	2.69	0.08	201.887	2.249	0.08	0.993	0.0	0.08	0.953	0.0
28	1969	1970	NS	1	-34.566	19.816	0.0	-34.816	21.454	0.0	4.029	22.138	0.006	2.639	20.814	0.0	0.08	191.302	2.648	0.08	202.627	2.716	0.08	0.102	0.0	0.08	0.11	0.0
29	1970	1971	NS	2	-32.071	21.332	0.0	-34.857	22.438	0.001	0.673	23.034	0.09	0.378	24.225	0.197	0.08	107.727	1.178	0.08	204.559	1.219	0.08	0.129	0.0	0.08	0.133	0.0
30	1970	1971	SN	1	-34.518	18.649	0.0	-34.881	19.124	0.0	-25.301	22.192	0.004	-11.752	21.646	0.0	0.08	189.217	3.746	0.08	205.712	3.307	0.08	22.715	0.056	0.08	1.063	0.002
31	1971	1972	NS	2	-34.868	21.272	0.0	-34.376	22.087	0.003	-18.622	22.596	0.012	-8.917	23.171	0.042	0.08	205.05	1.655	0.08	183.1	1.81	0.08	4.928	0.003	0.08	0.584	0.0
32	1971	1972	SN	1	-34.722	18.193	0.0	-34.906	18.88	0.0	-0.351	22.225	0.002	2.356	20.828	0.0	0.081	198.284	5.417	0.08	206.847	5.023	0.08	0.143	0.0	0.08	0.112	0.0

Parameter Specifications	Parameters	SNR	Kp	<span style="color: green;">■</span> Normal <span style="color: yellow;">■</span> Deviations <span style="color: orange;">■</span> Alarming <span style="color: red;">■</span> High Errors
	Min	-65.0	0.0	
	Max	22.0	1.0	

33	1972	1973	SN	1	-34.456	18.3	0.0	-34.634	18.898	0.0	-0.719	22.235	0.003	0.949	20.616	0.0	0.081	186.529	1.9	0.08	194.324	1.636	0.08	0.149	0.0	0.08	0.126	0.0
34	1972	1973	NS	1	-34.786	19.847	0.0	-34.911	20.121	0.0	-13.179	22.576	0.023	-27.801	22.727	0.052	0.08	201.198	3.924	0.08	207.073	4.094	0.08	1.452	0.002	0.08	40.332	0.075
35	1973	1974	SN	1	-34.055	17.916	0.0	-34.66	16.92	0.0	0.215	21.366	0.0	1.492	21.426	0.0	0.081	170.109	1.868	0.081	195.527	1.648	0.08	0.135	0.0	0.08	0.12	0.0
36	1973	1974	NS	1	-34.854	19.825	0.0	-34.734	20.314	0.0	-25.94	21.691	0.0	-33.559	22.71	0.007	0.08	204.372	2.672	0.08	198.836	3.182	0.08	26.304	0.087	0.08	151.736	0.058
37	1974	1975	NS	1	-34.492	19.151	0.0	-34.738	18.838	0.0	-22.408	22.246	0.004	-29.891	22.545	0.023	0.08	188.064	2.66	0.08	198.996	2.981	0.08	11.698	0.035	0.08	65.225	0.022
38	1974	1975	SN	1	-34.6	15.911	0.0	-34.956	18.871	0.0	1.174	21.898	0.0	2.5	22.336	0.02	0.081	192.786	2.222	0.08	209.265	2.186	0.08	0.123	0.0	0.08	0.111	0.0
39	1975	1976	SN	1	-34.963	15.012	0.0	-34.546	15.06	0.0	0.26	22.042	0.005	8.119	20.855	0.0	0.081	209.602	2.747	0.081	190.426	2.431	0.08	0.134	0.0	0.08	0.088	0.0
40	1975	1976	NS	1	-34.67	18.821	0.0	-34.898	19.059	0.0	-19.9	21.443	0.0	-21.158	22.699	0.011	0.08	195.924	2.077	0.08	206.536	2.125	0.08	6.593	0.017	0.08	8.786	0.027
41	1976	1977	SN	1	-34.95	19.851	0.0	-34.98	19.737	0.0	1.075	23.092	0.103	3.125	23.621	0.212	0.08	208.977	2.752	0.08	210.461	2.689	0.08	0.124	0.0	0.08	0.107	0.0
42	1976	1977	NS	1	-33.8	18.7	0.0	-34.651	19.293	0.0	-16.659	22.226	0.005	-20.579	22.569	0.024	0.08	160.356	1.194	0.08	195.06	1.272	0.08	3.158	0.025	0.08	7.698	0.049
43	1977	1978	NS	2	-33.602	19.322	0.0	-33.639	19.358	0.0	-2.674	22.766	0.069	-0.096	23.174	0.185	0.08	153.249	0.579	0.08	154.554	0.547	0.08	0.192	0.0	0.08	0.139	0.0
44	1977	1978	NS	3	-33.602	19.322	0.0	-33.639	19.358	0.0	-2.674	22.766	0.069	-0.096	23.174	0.185	0.08	153.249	0.579	0.08	154.554	0.547	0.08	0.192	0.0	0.08	0.139	0.0
45	1977	1978	SN	1	-33.543	19.96	0.0	-32.392	20.15	0.0	-23.246	23.015	0.092	-9.543	23.467	0.276	0.08	151.174	2.63	0.08	116.0	2.274	0.08	14.172	0.003	0.08	0.665	0.0
46	1977	1978	NS	1	-33.602	19.322	0.0	-33.639	19.358	0.0	-2.674	22.766	0.069	-0.096	23.174	0.185	0.08	153.249	0.579	0.08	154.554	0.547	0.08	0.192	0.0	0.08	0.139	0.0
47	1978	1979	NS	1	-34.45	18.065	0.0	-34.786	18.145	0.0	0.667	23.244	0.236	-5.031	23.895	0.966	0.081	186.247	1.477	0.081	201.231	1.374	0.08	0.129	0.0	0.08	0.279	0.0
48	1978	1979	SN	1	-34.506	21.55	0.0	-34.784	21.858	0.0	-32.586	22.772	0.045	-15.959	23.276	0.26	0.08	188.652	1.47	0.08	201.13	1.232	0.08	121.268	0.119	0.08	2.697	0.005
49	1979	1980	SN	1	-34.55	21.213	0.0	-34.934	22.59	0.002	-8.306	22.658	0.052	-4.582	23.334	0.199	0.08	190.646	4.072	0.08	208.183	3.84	0.08	0.516	0.0	0.08	0.258	0.0
50	1979	1980	NS	1	-34.663	18.001	0.0	-34.42	17.373	0.0	-1.737	22.808	0.199	-4.186	23.459	0.829	0.081	195.633	3.477	0.081	185.017	3.385	0.08	0.169	0.0	0.08	0.242	0.0
51	1979	1980	NS	2	-34.663	18.001	0.0	-34.42	17.373	0.0	-1.737	22.808	0.199	-4.186	23.459	0.829	0.081	195.633	3.477	0.081	185.017	3.385	0.08	0.169	0.0	0.08	0.242	0.0
52	1980	1981	NS	2	-34.984	18.176	0.0	-34.877	17.669	0.0	0.797	23.151	0.114	0.622	23.693	0.444	0.081	210.623	2.755	0.081	205.458	2.709	0.08	0.128	0.0	0.08	0.13	0.0
53	1980	1981	SN	1	-33.964	20.326	0.0	-34.662	21.019	0.0	-34.911	22.938	0.06	-23.115	23.468	0.229	0.08	166.566	4.818	0.08	195.594	3.726	0.08	207.097	0.128	0.08	13.754	0.146
54	1981	1982	NS	1	-34.515	17.877	0.0	-34.73	17.645	0.0	5.119	22.944	0.276	5.604	23.227	0.515	0.081	189.083	1.629	0.081	198.646	1.736	0.08	0.096	0.0	0.08	0.095	0.0
55	1981	1982	SN	1	-34.301	19.475	0.0	-34.521	19.602	0.0	-24.459	22.737	0.042	-22.213	23.594	0.176	0.08	179.972	2.036	0.08	189.338	1.824	0.08	18.724	0.022	0.08	11.188	0.044
56	1982	1983	NS	1	-34.652	19.049	0.0	-34.809	19.452	0.0	3.127	22.849	0.213	3.07	23.095	0.538	0.08	195.129	1.871	0.08	202.304	2.01	0.08	0.107	0.0	0.08	0.107	0.0
57	1982	1983	SN	1	-34.609	19.247	0.0	-34.959	19.898	0.0	-22.594	22.633	0.161	-25.395	23.035	0.293	0.08	193.197	2.695	0.08	209.42	2.04	0.08	12.206	0.077	0.08	23.205	0.082
58	1983	1984	NS	1	-34.507	21.285	0.0	-34.855	21.765	0.0	2.298	22.845	0.198	2.293	23.846	0.652	0.08	188.73	1.828	0.08	204.457	1.491	0.08	0.113	0.0	0.08	0.113	0.0
59	1983	1984	SN	1	-34.881	18.68	0.0	-34.651	19.336	0.0	1.911	22.896	0.362	2.67	23.623	1.721	0.08	205.696	2.576	0.08	195.08	2.626	0.08	0.116	0.0	0.08	0.11	0.0
60	1984	1985	NS	1	-34.144	21.833	0.0	-34.362	21.739	0.0	2.415	23.037	0.311	0.259	23.676	0.549	0.08	173.562	2.211	0.08	182.527	2.234	0.08	0.112	0.0	0.08	0.134	0.0

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

Normal

Deviations

Alarming

High Errors