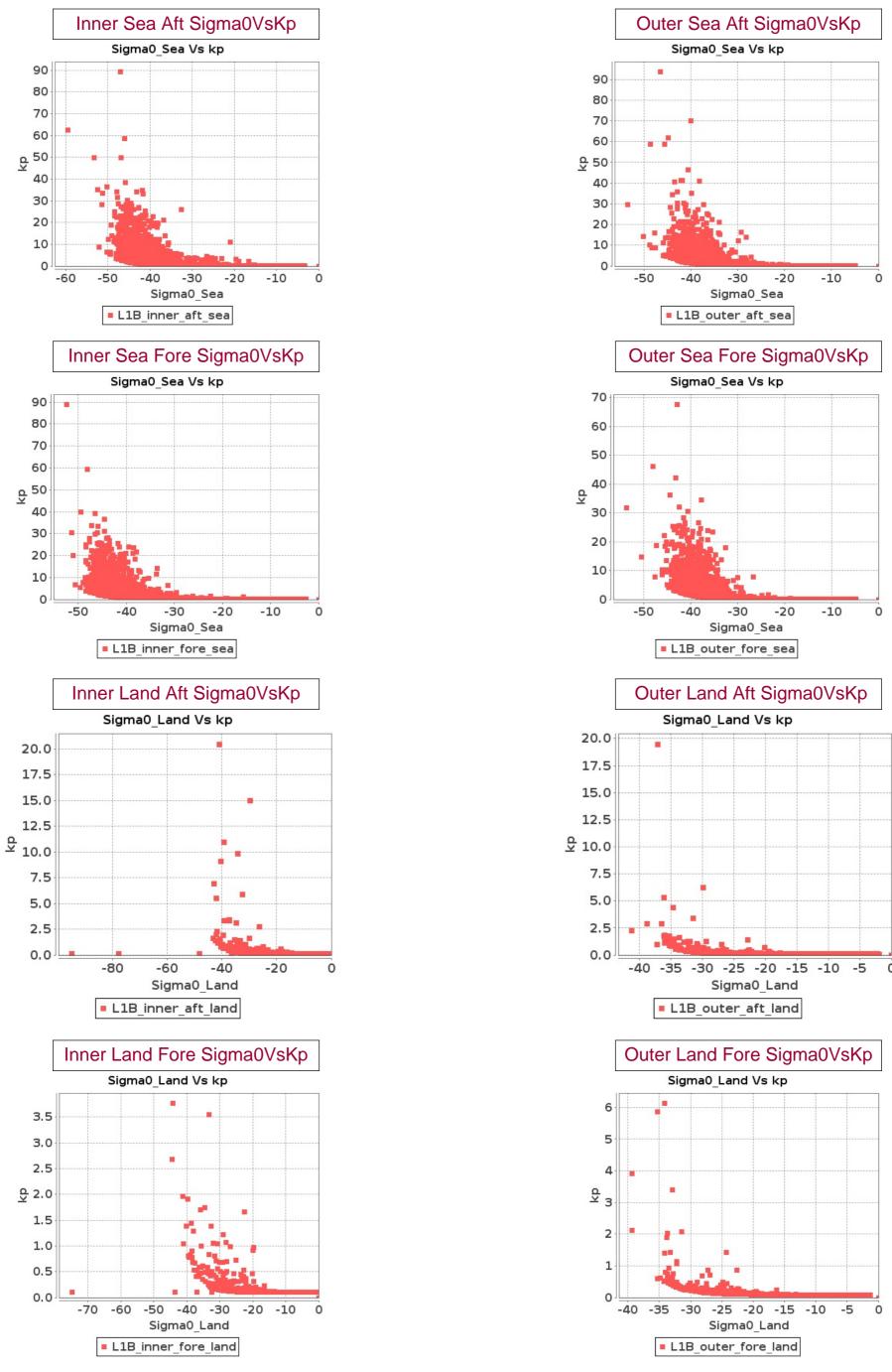
SCATSAT-1 Scatterometer Level-1B Data Quality Cycle wise Report

Report between 10-NOV-2016 To 11-NOV-2016





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

Report between 10-NOV-2016 To 11-NOV-2016

					Inner											
					Inc	idence A	ngle	Az	imuth An	gle		Range			X-Factor	r
Sr No	Start Orbit	End Orbit	Dir.	Ver.	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)
1	651	652	NS	1	48.932	49.347	0.0	0.003	212.951	0.385	1033.272	1087.192	0.0	-91.319	-90.056	0.0
2	651	652	SN	1	48.955	49.386	0.0	0.003	1.291	0.388	1037.88	1096.992	3.995	-91.311	-90.1	0.0
3	652	653	SN	1	48.952	49.39	0.0	0.003	1.291	0.383	1037.472	1096.88	3.647	-91.934	-90.099	0.0
4	652	653	NS	1	48.937	49.385	0.0	0.003	1.291	0.368	1033.456	1096.704	1.884	-91.352	-90.055	0.0
5	653	654	SN	1	48.95	49.391	0.0	0.003	1.291	0.366	1037.256	1097.08	3.889	-91.685	-90.095	0.0
6	653	654	NS	1	48.932	49.386	0.0	0.003	1.291	0.362	1033.312	1096.936	2.398	-91.381	-90.057	0.0
7	654	655	SN	1	48.964	49.386	0.0	0.003	1.291	0.367	1037.64	1097.056	3.753	-91.396	-90.094	0.0
8	654	655	NS	1	48.927	49.386	0.0	0.003	1.291	0.365	1033.176	1096.912	2.44	-91.575	-90.058	0.0
9	655	656	NS	1	48.937	49.385	0.0	0.003	1.291	0.371	1033.592	1096.8	2.243	-91.035	-90.059	0.0
10	656	657	NS	1	48.975	49.385	0.0	0.003	1.291	0.378	1033.952	1096.72	2.096	-91.293	-90.06	0.0
11	657	658	NS	1	48.94	49.384	0.0	0.003	275.392	0.373	1033.944	1096.624	1.827	-91.379	-90.06	0.0
12	657	658	SN	2	48.894	49.384	0.0	0.003	1.291	0.374	1037.12	1096.776	3.126	-91.4	-90.109	0.0
13	658	659	SN	1	48.982	49.385	0.0	0.003	1.291	0.381	1037.832	1096.864	3.44	-91.395	-90.11	0.0
14	658	659	NS	1	48.959	49.401	0.0	0.003	1.291	0.369	1033.8	1096.704	1.914	-91.399	-90.07	0.0
15	659	660	SN	1	48.965	49.386	0.0	0.003	1.291	0.373	1037.96	1096.96	3.573	-91.312	-90.113	0.0
16	659	660	NS	1	48.929	49.385	0.0	0.003	1.291	0.375	1033.336	1096.816	2.165	-91.416	-90.063	0.0
17	660	661	SN	2	48.958	49.385	0.0	0.003	1.291	0.365	1037.936	1096.864	3.339	-91.553	-90.112	0.0
18	660	661	NS	1	48.93	49.385	0.0	0.003	1.291	0.381	1033.736	1096.728	2.063	-91.279	-90.059	0.0
19	661	662	SN	1	48.961	49.385	0.0	0.003	1.291	0.37	1037.808	1096.76	3.115	-91.411	-90.11	0.0
20	661	662	NS	1	48.931	49.384	0.0	0.003	1.291	0.375	1033.416	1096.624	1.806	-91.28	-90.075	0.0
21	662	663	NS	1	48.933	49.384	0.0	0.003	1.291	0.374	1033.552	1096.736	1.954	-91.383	-90.075	0.0
22	662	663	SN	1	48.96	49.385	0.0	0.003	1.291	0.376	1037.648	1096.824	3.31	-91.114	-90.108	0.0
23	663	664	SN	1	48.963	49.385	0.0	0.003	186.429	0.373	1037.6	1096.84	3.381	-91.234	-90.108	0.0
24	663	664	NS	1	48.935	49.395	0.0	0.003	182.558	0.371	1033.512	1096.752	1.993	-91.341	-90.073	0.0
25	664	665	NS	1	48.936	49.385	0.0	0.003	191.315	0.369	1033.152	1096.808	2.177	-91.396	-90.073	0.0
26	664	665	SN	1	48.964	49.386	0.0	0.003	1.291	0.366	1037.552	1096.904	3.587	-91.34	-90.107	0.0
27	665	666	SN	1	48.959	49.386	0.0	0.003	1.291	0.384	1037.504	1097.008	3.938	-91.374	-90.11	0.0
28	665	666	NS	1	48.941	49.386	0.0	0.003	1.291	0.371	1033.688	1096.888	2.317	-91.375	-90.072	0.0
29	666	667	NS	1	48.943	49.385	0.0	0.003	1.291	0.385	1033.904	1096.752	2.12	-91.31	-90.059	0.0
30	666	667	SN	1	48.95	49.385	0.0	0.003	1.291	0.392	1037.088	1096.856	3.576	-91.19	-90.094	0.0
31	667	668	SN	1	48.951	49.405	0.0	0.003	1.291	0.37	1037.472	1096.992	3.661	-91.425	-90.092	0.0
32	667	668	NS	1	48.94	49.386	0.0	0.003	1.291	0.363	1034.072	1096.904	2.38	-91.318	-90.06	0.0

Doromotor	Parameters	Inc.Angle	Azi. Angle	Range	X-Factor
Parameter Specifications	Min	47.1	0.0	1025.0	-100.0
Specification 6	Max	49.9	0.0	1095.7	-80.0

Normal

Alarming

Deviations

High Errors

33	668	669	SN	1	48.946	49.392	0.0	0.003	1.291	0.363	1036.664	1097.08	3.759	-91.952	-90.09	0.0
				1												
34	668	669	NS	1	48.933	49.386	0.0	0.003	1.291	0.361	1034.2	1096.992	2.722	-91.213	-90.062	0.0
35	669	670	NS	2	48.938	49.386	0.0	0.003	1.291	0.376	1034.352	1096.952	2.636	-91.454	-90.063	0.0
36	669	670	SN	1	48.944	49.386	0.0	0.003	1.291	0.365	1036.496	1097.064	3.549	-91.416	-90.089	0.0
37	670	671	NS	1	48.934	49.385	0.0	0.003	1.291	0.374	1034.272	1096.856	2.411	-91.24	-90.064	0.0
38	670	671	SN	1	48.951	49.386	0.0	0.003	1.291	0.365	1036.744	1096.968	3.376	-91.412	-90.103	0.0
39	671	672	NS	1	48.941	49.385	0.0	0.003	1.291	0.375	1034.456	1096.744	2.204	-91.255	-90.064	0.0
40	671	672	SN	2	48.962	49.391	0.0	0.003	1.291	0.37	1036.784	1096.832	3.099	-91.887	-90.103	0.0
41	672	673	NS	1	48.948	49.385	0.0	0.003	1.291	0.37	1034.376	1096.728	2.151	-91.309	-90.078	0.0
42	672	673	SN	1	48.959	49.385	0.0	0.003	1.291	0.377	1037.152	1096.824	3.162	-91.413	-90.103	0.0
43	673	674	NS	2	48.9	49.385	0.0	0.003	263.942	0.376	1034.224	1096.856	2.465	-91.393	-90.076	0.0
44	673	674	SN	1	48.971	49.386	0.0	0.003	270.571	0.38	1037.28	1096.976	3.588	-91.511	-90.106	0.0
45	674	675	NS	1	48.946	49.391	0.0	0.003	274.018	0.382	1034.32	1096.904	2.59	-91.469	-90.077	0.0
46	674	675	SN	1	48.952	49.39	0.0	0.003	1.291	0.364	1037.312	1097.008	3.5	-91.404	-90.105	0.0
47	675	676	NS	1	48.929	49.385	0.0	0.003	1.291	0.379	1033.872	1096.816	2.368	-91.295	-90.079	0.0
48	675	676	SN	2	48.947	49.385	0.0	0.003	1.291	0.367	1036.648	1096.896	3.244	-91.871	-90.105	0.0
49	675	676	SN	1	48.947	49.385	0.0	0.003	1.291	0.367	1036.648	1096.896	3.244	-91.871	-90.105	0.0
50	676	677	NS	4	48.93	49.385	0.0	0.003	342.404	0.378	1033.888	1096.864	2.424	-91.385	-90.079	0.0
51	676	677	SN	1	48.951	49.385	0.0	0.003	1.291	0.377	1036.584	1096.896	3.416	-91.458	-90.103	0.0
52	676	677	NS	2	48.93	49.385	0.0	0.003	342.404	0.378	1033.888	1096.864	2.424	-91.385	-90.079	0.0
53	676	677	SN	3	48.951	49.385	0.0	0.003	1.291	0.377	1036.584	1096.896	3.416	-91.458	-90.103	0.0
54	677	678	SN	1	48.955	49.386	0.0	0.003	1.291	0.377	1036.968	1096.968	3.556	-91.41	-90.103	0.0
55	677	678	NS	1	48.936	49.387	0.0	0.003	1.291	0.371	1034.208	1096.616	1.165	-91.538	-90.078	0.0
56	677	678	NS	1	48.936	49.387	0.0	0.003	1.291	0.371	1034.208	1096.904	2.499	-91.538	-90.078	0.0
57	678	679	NS	1	48.939	49.393	0.0	0.003	1.291	0.369	1033.616	1096.92	2.604	-91.432	-90.076	0.0
58	678	679	SN	2	48.958	49.386	0.0	0.003	1.291	0.37	1036.872	1096.984	3.558	-91.324	-90.102	0.0
59	678	679	SN	1	48.958	49.386	0.0	0.003	1.291	0.37	1036.872	1096.984	3.558	-91.324	-90.102	0.0
60	679	680	SN	1	48.965	49.387	0.0	0.003	1.291	0.377	1036.912	1097.088	3.947	-91.111	-90.102	0.0
61	679	680	NS	1	48.931	49.391	0.0	0.003	1.291	0.37	1033.712	1097.024	2.84	-91.564	-90.076	0.0
62	679	680	NS	1	48.931	49.391	0.0	0.003	1.291	0.372	1033.712	1093.544	0.0	-91.564	-90.076	0.0
	<u> </u>	I	·	l		I			I						1	

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

Normal

Alarming

Deviations

High Errors

																Inr	ner											
										SI	NR											K	(p					
					5	Sea A	\ft	S	ea F	ore	L	and a	Aft	La	nd F	ore	5	Sea <i>F</i>	∖ft	S	ea F	ore	L	and .	Aft	La	nd F	ore
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	651	652	NS	1	-34.909	24.93	2.173	-34.979	23.28	0.066	9.9	31.734	10.751	11.982	31.305	15.611	0.103	261.615	4.303	0.103	265.82	4.818	0.102	0.109	0.0	0.103	0.107	0.0
2	651	652	SN	1	-34.745	25.103	1.817	-32.433	25.504	3.353	0.304	30.188	35.448	-0.134	31.528	39.423	0.103	251.947	1.181	0.103	147.926	1.122	0.103	0.171	0.0	0.103	0.179	0.0
3	652	653	SN	1	-34.951	27.443	2.974	-34.807	27.822	3.54	-23.336	30.575	22.842	-18.018	31.115	19.471	0.103	264.129	2.202	0.103	255.503	2.022	0.103	18.284	0.005	0.103	5.431	0.008
4	652	653	NS	1	-34.541	27.436	0.853	-33.639	27.265	0.456	8.892	35.787	34.315	8.78	35.408	45.852	0.103	240.368	1.344	0.103	195.319	1.144	0.102	0.111	0.0	0.102	0.111	0.0
5	653	654	SN	1	-34.552	27.328	1.322	-34.915	27.873	1.929	-23.793	34.766	16.68	-9.45	30.009	11.058	0.103	240.93	3.168	0.103	261.993	2.782	0.102	20.305	0.033	0.103	0.826	0.0
6	653	654	NS	1	-34.482	24.335	0.174	-34.71	27.549	0.12	-6.827	29.862	23.611	-5.898	30.076	33.502	0.103	237.093	6.003	0.103	249.862	6.272	0.103	0.491	0.0	0.103	0.413	0.0
7	654	655	SN	1	-33.735	25.25	0.59	-32.846	25.64	1.04	7.887	28.943	22.062	8.416	29.225	13.233	0.103	199.635	1.1	0.103	162.671	1.028	0.103	0.114	0.0	0.103	0.112	0.0
8	654	655	NS	1	-34.875	25.119	0.137	-34.17	24.892	0.014	-13.064	30.834	18.306	-1.22	29.508	27.487	0.103	259.572	2.324	0.103	220.668	2.504	0.103	1.791	0.002	0.103	0.202	0.0
9	655	656	NS	1	-34.294	23.683	0.367	-34.917	23.895	0.495	-27.988	32.399	13.134	-24.664	30.693	20.447	0.103	227.071	0.501	0.103	262.052	0.622	0.102	53.21	0.031	0.103	24.797	0.022
10	656	657	NS	1	-32.583	24.055	0.543	-34.917	24.629	0.377	-2.62	29.09	22.145	-4.675	29.842	30.507	0.103	153.142	1.397	0.103	262.029	1.735	0.103	0.243	0.0	0.103	0.334	0.0
11	657	658	NS	1	-34.317	25.639	1.422	-33.684	25.826	1.601	-8.347	31.075	22.552	-5.572	33.216	29.063	0.103	228.264	2.025	0.103	197.295	2.326	0.103	0.66	0.0	0.102	0.39	0.0
12	657	658	SN	2	-34.801	24.974	0.261	-34.933	26.77	0.991	7.474	32.592	20.401	9.254	33.156	26.5	0.103	255.138	3.252	0.103	262.963	2.637	0.102	0.115	0.0	0.102	0.11	0.0
13	658	659	SN	1	-34.574	25.438	0.02	-34.601	26.329	1.929	-64.821	36.186	18.725	-0.53	34.947	21.258	0.103	242.117	5.809	0.103	243.732	5.086	0.102	0.186	0.0	0.102	0.187	0.0
14	658	659	NS	1	-34.408	27.566	2.002	-33.559	28.403	2.221	8.458	30.574	24.67	9.038	30.612	34.721	0.103	233.101	0.742	0.103	191.732	0.591	0.103	0.112	0.0	0.103	0.111	0.0
15	659	660	SN	1	-34.752	24.011	0.01	-34.963	27.783	2.668	-6.961	29.964	31.59	-5.532	31.213	34.192	0.103	252.312	3.657	0.103	264.877	2.898	0.103	0.504	0.0	0.103	0.387	0.0
16	659	660	NS	1	-33.404	28.214	2.59	-33.976	28.409	2.308	-3.77	30.843	44.449	3.602	32.588	53.423	0.103	184.999	1.989	0.103	211.029	1.455	0.103	0.288	0.0	0.102	0.133	0.0
17	660	661	SN	2		26.013			28.145			30.028	24.377		31.635			266.964			209.125		0.103	0.19	0.0	0.102	0.194	0.0
18	660	661	NS				2.072						26.652										0.103				0.122	
19	661	662	SN	1	-33.853					3.252		30.53				30.892		205.101			266.825			0.543			0.201	0.0
20	661	662	NS	1	-34.931								17.368			26.811		262.902				2.072		0.121	0.0	0.103		0.0
21	662	663	NS	1		26.838		-34.187					28.842		30.512			242.514			221.486			0.235	0.0		0.237	0.0
22	662	663	SN		-30.701					6.102			27.958					99.325				0.657		0.537	0.0		4.681	0.007
23	663	664	SN		-34.328 -34.948					4.854			35.813					228.857				0.875		0.576	0.0		0.999	0.0
24	663 664	664 665	NS NS		-34.832					0.918		30.66	36.108 36.431			47.867 47.708		263.937 257.0				1.716 3.805		0.114			0.113	0.0
26	664	665	SN	1		26.069				2.722			65.902			76.693		258.661				1.915		0.111		0.103		0.0
27	665	666	SN		-34.586					2.772			32.204			32.974		242.877				0.934		0.113			0.11	0.0
28	665	666	NS		-34.721			-34.615		0.027			25.221			36.062			4.509			4.838		0.113	0.0		0.108	0.0
29	666	667	NS	1	-32.784					0.349			28.265			38.971		160.382				1.09		0.129			0.120	0.0
30	666	667	SN		-34.046					4.202		33.06				34.029		214.466			243.339			0.134	0.0		0.125	0.0
31	667	668	SN		-34.226			-33.661				30.235				11.611		223.513				2.813		0.116			0.122	0.0
32	667	668	NS	1	-34.974					0.568			28.904			41.885			3.515			3.58		0.239	0.0		0.212	
33	668	669	SN	1	-33.758			-34.902					22.076			14.008		200.753				1.534		0.112			0.112	
					1																							

Doromotor	Parameters	SNR	Кр	N
Parameter Specifications	Min	-65.0	0.0	
Opcomoations	Max	22.0	1.0	





24	000	000	NC	_	24.000	04.074	0.40	24.054	05 070	0.004	40.500	22.040	00.045	4 4 0 4	20.070	20.520	0.402.000.04	4.505	0.400	004.4	.	0.400	0.000	0.000	0.402	204	0.0
34	668	669	NS	1		24.871	0.16		25.079				20.645		30.079		0.103 266.84		0.103	264.1	5.3	0.102	6.089	0.002		0.304	0.0
35	669	670	NS	2	-34.555	25.589	0.403	-34.482	25.475	0.432	-2.453	30.048	13.677	-4.023	36.296	21.366	0.103 241.14	9 3.022	0.103	237.078	3.205	0.103	0.237	0.0	0.102	0.3	0.0
36	669	670	SN	1	-34.855	25.038	0.414	-33.792	25.346	0.835	7.69	28.406	21.294	7.554	28.143	13.976	0.103 258.37	7 1.356	0.103	202.266	1.014	0.103	0.114	0.0	0.103	0.114	0.0
37	670	671	NS	1	-32.917	24.041	0.498	-34.874	23.901	0.273	-11.828	29.707	19.867	-12.813	29.534	28.31	0.103 165.38	2.026	0.103	259.499	1.809	0.103	1.368	0.001	0.103 1	1.695	0.002
38	670	671	SN	1	-34.868	24.355	0.195	-34.263	25.365	0.6	6.509	29.556	28.87	8.97	29.977	36.962	0.103 259.14	2 3.26	0.103	225.462	2.487	0.103	0.118	0.0	0.103).111	0.0
39	671	672	NS	1	-34.656	26.019	1.188	-34.032	25.792	1.324	-2.684	31.414	18.929	-1.691	31.08	25.514	0.103 246.72	1 1.908	0.103	213.776	2.015	0.103	0.245	0.0	0.103	0.214	0.0
40	671	672	SN	2	-34.744	24.995	0.209	-34.826	25.739	0.67	8.006	29.228	24.958	9.414	30.114	34.222	0.103 251.85	9 4.065	0.103	256.621	3.926	0.103	0.113	0.0	0.103	0.11	0.0
41	672	673	NS	1	-34.878	27.648	2.169	-34.131	28.027	2.51	8.86	30.241	28.427	7.858	30.702	32.704	0.103 270.35	1.024	0.103	218.686	0.963	0.103	0.111	0.0	0.103	0.114	0.0
42	672	673	SN	1	-33.607	25.343	0.037	-34.717	25.892	1.255	7.901	35.492	18.652	8.453	35.321	22.834	0.103 193.84	3.969	0.103	250.282	3.267	0.102	0.113	0.0	0.102	0.112	0.0
43	673	674	NS	2	-34.68	27.073	2.321	-31.645	27.835	2.391	3.956	31.157	32.607	3.97	31.278	41.099	0.103 248.17	0.808	0.103	123.434	0.438	0.103	0.131	0.0	0.103	0.131	0.0
44	673	674	SN	1	-34.659	23.655	0.023	-34.273	27.874	2.553	-5.031	35.64	25.986	-2.101	36.05	29.011	0.103 246.96	2.837	0.103	225.949	2.252	0.102	0.355	0.0	0.102	0.226	0.0
45	674	675	NS	1	-34.773	26.213	2.232	-33.715	26.244	1.607	7.786	31.544	44.229	8.227	32.661	56.31	0.103 253.51	8 2.451	0.103	198.733	1.968	0.103	0.114	0.0	0.102	0.113	0.0
46	674	675	SN	1	-34.99	26.223	0.077	-34.988	27.339	2.532	-14.959	29.71	28.161	0.17	32.707	29.43	0.103 266.44	4.987	0.103	266.394	4.443	0.103	2.726	0.002	0.102	0.173	0.0
47	675	676	NS	1	-34.682	26.482	2.602	-34.571	25.547	1.083	0.065	34.593	19.137	-1.844	34.002	30.798	0.103 248.25	7 1.868	0.103	242.01	1.886	0.102	0.175	0.0	0.102	0.219	0.0
48	675	676	SN	2	-34.649	27.152	0.354	-34.704	28.245	2.744	-2.664	31.65	25.593	1.116	31.958	26.216	0.103 246.44	4.838	0.103	249.483	4.407	0.102	0.244	0.0	0.102	0.159	0.0
49	675	676	SN	1	-34.649	27.152	0.354	-34.704	28.245	2.744	-2.664	31.65	25.593	1.116	31.958	26.216	0.103 246.44	4.838	0.103	249.483	4.407	0.102	0.244	0.0	0.102	0.159	0.0
50	676	677	NS	4	-34.837	26.599	3.743	-33.701	25.517	2.316	1.642	31.494	21.329	3.427	31.438	29.727	0.103 257.25	2.891	0.103	198.092	3.014	0.103	0.152	0.0	0.103	0.135	0.0
51	676	677	SN	1	-34.987	26.847	1.7	-34.498	27.167	4.453	1.727	29.856	23.749	1.286	31.695	25.798	0.103 266.28	2.487	0.103	237.966	2.348	0.103	0.151	0.0	0.102	0.156	0.0
52	676	677	NS	2	-34.837	26.599	3.743	-33.701	25.517	2.316	1.642	31.494	21.329	3.427	31.438	29.727	0.103 257.25	2.891	0.103	198.092	3.014	0.103	0.152	0.0	0.103	0.135	0.0
53	676	677	SN	3	-34.987	26.847	1.7	-34.498	27.167	4.453	1.727	29.856	23.749	1.286	31.695	25.798	0.103 266.28	2.487	0.103	237.966	2.348	0.103	0.151	0.0	0.102	0.156	0.0
54	677	678	SN	1	-32.635	26.963	1.846	-33.645	27.405	6.556	-4.347	30.846	32.179	-2.51	34.863	33.675	0.103 154.99	4 1.578	0.103	195.546	1.762	0.103	0.316	0.0	0.102	0.239	0.0
55	677	678	NS	1	-33.514	25.814	2.792	-34.588	25.705	1.426	0.546	30.062	25.629	1.137	30.634	42.43	0.103 189.71	9 1.952	0.103	242.909	2.055	0.103	0.167	0.0	0.103	0.159	0.0
56	677	678	NS	1	-33.514	25.814	2.79	-34.588	25.705	1.426	0.546	30.062	35.954	1.137	30.636	46.573	0.103 189.71	9 1.95	0.103	242.909	2.055	0.103	0.167	0.0	0.103	0.159	0.0
57	678	679	NS	1	-34.264	25.945	2.063	-34.272	25.181	0.246	9.83	29.709	33.329	11.301	30.322	45.366	0.103 225.50	2 2.715	0.103	225.881	2.497	0.103	0.109	0.0	0.103	0.107	0.0
58	678	679	SN	2	-34.024	26.049	0.753	-33.851	26.743	3.315	-20.649	31.259	49.354	-3.606	31.822	52.151	0.103 213.38	5 1.714	0.103	205.033	1.529	0.103	9.885	0.003	0.102	0.281	0.0
59	678	679	SN	1	-34.024	26.049	0.753	-33.851	26.743	3.315			49.354			52.151	0.103 213.38	5 1.714	0.103	205.033	1.529	0.103	9.885	0.003		0.281	0.0
60	679	680	SN	1					25.829				52.767			56.588	0.103 66.13			142.086			0.113	0.0		0.11	0.0
61	679	680	NS	1		24.936			24.217			30.212			30.916		0.103 228.66			224.236		0.103		0.0	0.103		0.0
62	679	680	NS	1		24.936			24.217			30.212			30.493		0.103 228.66			224.236			0.105	0.0	0.103		0.0
	0/ 0		.,0	'	04.020	550	1.000	04.200	, 27.217	0.020	14.443	30.212	0.000	0.204	30.433	10.000	J. 100 £20.00	2.070	0.103		2.200	0.100	0.100	0.0	0.100	2.111	0.0

Donomotor	Parameters	SNR	Кр
Parameter Specifications	Min	-65.0	0.0
Opcomodiono	Max	22.0	1.0





					Outer											
					Inci	dence A	ngle	Az	imuth An	gle		Range			X-Factor	٢
Sr No	Start Orbit	End Orbit	Dir.	Ver.	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)	Min	Max	BadOcc(%)
1	651	652	NS	1	57.676	58.185	0.0	0.003	212.394	0.386	1209.528	1278.256	0.001	-93.032	-91.99	0.0
2	651	652	SN	1	57.714	58.266	0.0	0.003	1.291	0.392	1215.456	1289.32	15.044	-93.107	-92.038	0.0
3	652	653	SN	1	57.71	58.265	0.0	0.003	1.291	0.389	1215.768	1289.176	14.411	-93.19	-92.035	0.0
4	652	653	NS	1	57.675	58.263	0.0	0.003	1.291	0.376	1210.464	1288.856	12.34	-93.044	-91.991	0.0
5	653	654	SN	1	57.709	58.266	0.0	0.003	1.291	0.366	1215.048	1289.36	13.5	-93.131	-92.032	0.0
6	653	654	NS	1	57.674	58.265	0.0	0.003	1.291	0.361	1210.304	1289.136	11.744	-93.053	-91.993	0.0
7	654	655	SN	1	57.711	58.266	0.0	0.003	1.291	0.364	1215.368	1289.344	13.658	-93.12	-92.03	0.0
8	654	655	NS	1	57.677	58.265	0.0	0.003	1.291	0.367	1210.336	1289.112	11.655	-93.068	-91.994	0.0
9	655	656	NS	1	57.684	58.264	0.0	0.003	1.291	0.374	1210.976	1288.992	12.202	-93.027	-91.995	0.0
10	656	657	NS	1	57.699	58.263	0.0	0.003	1.291	0.38	1211.024	1288.896	12.211	-92.986	-91.998	0.0
11	657	658	NS	1	57.677	58.262	0.0	0.003	1.291	0.378	1210.296	1288.792	10.966	-93.094	-91.996	0.0
12	657	658	SN	2	57.712	58.264	0.0	0.003	1.291	0.377	1215.52	1289.032	13.751	-93.251	-92.043	0.0
13	658	659	SN	1	57.728	58.264	0.0	0.003	1.291	0.386	1215.72	1289.152	14.406	-93.111	-92.044	0.0
14	658	659	NS	1	57.701	58.263	0.0	0.003	1.291	0.371	1210.872	1288.848	11.334	-93.114	-92.007	0.0
15	659	660	SN	1	57.715	58.265	0.0	0.003	1.291	0.374	1215.88	1289.28	13.706	-93.065	-92.048	0.0
16	659	660	NS	1	57.679	58.264	0.0	0.003	1.291	0.376	1210.112	1288.992	11.822	-93.309	-91.998	0.0
17	660	661	SN	2	57.712	58.265	0.0	0.003	1.291	0.367	1215.568	1289.192	13.566	-93.352	-92.045	0.0
18	660	661	NS	1	57.683	58.263	0.0	0.003	1.291	0.386	1211.048	1288.88	12.472	-93.276	-91.996	0.0
19	661	662	SN	1	57.706	58.264	0.0	0.003	1.291	0.378	1215.112	1288.992	14.087	-93.086	-92.045	0.0
20	661	662	NS	1	57.675	58.262	0.0	0.003	1.291	0.375	1210.496	1288.752	12.185	-93.078	-92.01	0.0
21	662	663	NS	1	57.681	58.263	0.0	0.003	1.291	0.368	1210.792	1288.904	12.007	-93.021	-92.007	0.0
22	662	663	SN	1	57.71	58.264	0.0	0.003	1.291	0.379	1214.8	1289.064	14.309	-93.015	-92.042	0.0
23	663	664	SN	1	57.715	58.265	0.0	0.003	185.878	0.374	1215.44	1289.064	14.138	-93.094	-92.042	0.0
24	663	664	NS	1	57.677	58.263	0.0	0.003	183.269	0.372	1210.224	1288.928	12.081	-93.099	-92.006	0.0
25	664	665	NS	1	57.68	58.264	0.0	0.003	190.758	0.375	1210.2	1288.976	11.945	-93.105	-92.007	0.0
26	664	665	SN	1	57.73	58.265	0.0	0.003	1.291	0.375	1215.376	1289.152	14.081	-92.987	-92.042	0.0
27	665	666	SN	1	57.714	58.266	0.0	0.003	340.662	0.386	1215.52	1289.272	14.674	-93.018	-92.044	0.0
28	665	666	NS	1	57.685	58.265	0.0	0.003	1.291	0.374	1210.728	1289.072	12.557	-93.069	-92.005	0.0
29	666	667	NS	1	57.693	58.264	0.0	0.003	1.291	0.388	1210.984	1288.912	12.813	-93.048	-91.994	0.0
30	666	667	SN	1	57.741	58.265	0.0	0.003	1.291	0.391	1215.488	1289.096	14.241	-93.008	-92.029	0.0
31	667	668	SN	1	57.709	58.266	0.0	0.003	1.291	0.371	1215.312	1289.256	13.58	-93.121	-92.029	0.0
32	667	668	NS	1	57.685	58.265	0.0	0.003	1.291	0.366	1211.176	1289.112	11.994	-93.056	-91.996	0.0
33	668	669	SN	1	57.708	58.266	0.0	0.003	1.291	0.365	1214.4	1289.368	13.335	-93.255	-92.027	0.0
34	668	669	NS	1	57.69	58.266	0.0	0.003	1.291	0.363	1211.328	1289.208	12.145	-92.996	-91.998	0.0

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





		1			1	1	1	1	1			1			1	
35	669	670	NS	2	57.683	58.265	0.0	0.003	1.291	0.374	1211.232	1289.184	12.411	-93.262	-91.998	0.0
36	669	670	SN	1	57.702	58.266	0.0	0.003	1.291	0.367	1214.2	1289.368	13.382	-93.082	-92.025	0.0
37	670	671	NS	1	57.689	58.264	0.0	0.003	1.291	0.375	1211.232	1289.064	12.599	-92.915	-91.998	0.0
38	670	671	SN	1	57.699	58.265	0.0	0.003	1.291	0.368	1214.048	1289.264	13.019	-93.098	-92.038	0.0
39	671	672	NS	1	57.701	58.263	0.0	0.003	1.291	0.379	1211.64	1288.92	11.985	-92.996	-91.999	0.0
40	671	672	SN	2	57.714	58.264	0.0	0.003	1.291	0.375	1214.656	1289.08	13.382	-93.274	-92.037	0.0
41	672	673	NS	1	57.693	58.263	0.0	0.003	1.291	0.376	1211.536	1288.912	11.635	-93.082	-92.012	0.0
42	672	673	SN	1	57.706	58.265	0.0	0.003	1.291	0.381	1214.344	1289.056	13.819	-93.287	-92.037	0.0
43	673	674	NS	2	57.688	58.265	0.0	0.003	264.654	0.373	1211.352	1289.04	11.817	-93.092	-92.01	0.0
44	673	674	SN	1	57.73	58.265	0.0	0.003	270.009	0.38	1215.088	1289.272	14.03	-93.43	-92.041	0.0
45	674	675	NS	1	57.683	58.265	0.0	0.003	274.724	0.382	1210.8	1289.104	12.793	-93.311	-92.01	0.0
46	674	675	SN	1	57.705	58.266	0.0	0.003	1.291	0.366	1214.904	1289.312	13.536	-93.088	-92.04	0.0
47	675	676	NS	1	57.684	58.264	0.0	0.003	1.291	0.378	1211.032	1289.0	12.553	-93.067	-92.013	0.0
48	675	676	SN	2	57.705	58.265	0.0	0.003	1.296	0.37	1214.4	1289.128	13.54	-93.303	-92.039	0.0
49	675	676	SN	1	57.705	58.265	0.0	0.003	1.296	0.37	1214.4	1289.128	13.54	-93.303	-92.039	0.0
50	676	677	NS	4	57.68	58.264	0.0	0.003	1.291	0.373	1210.888	1289.072	12.58	-93.112	-92.013	0.0
51	676	677	SN	1	57.723	58.265	0.0	0.003	1.291	0.38	1214.816	1289.128	14.066	-93.083	-92.037	0.0
52	676	677	NS	2	57.68	58.264	0.0	0.003	1.291	0.373	1210.888	1289.072	12.58	-93.112	-92.013	0.0
53	676	677	SN	3	57.723	58.265	0.0	0.003	1.291	0.38	1214.816	1289.128	14.066	-93.083	-92.037	0.0
54	677	678	SN	1	57.72	58.265	0.0	0.003	1.296	0.377	1214.68	1289.24	13.926	-93.1	-92.037	0.0
55	677	678	NS	1	57.679	58.263	0.0	0.003	1.291	0.369	1210.816	1288.8	10.063	-93.121	-92.012	0.0
56	677	678	NS	1	57.679	58.265	0.0	0.003	1.291	0.368	1210.816	1289.104	12.409	-93.121	-92.012	0.0
57	678	679	NS	1	57.681	58.265	0.0	0.003	1.291	0.368	1210.656	1289.112	12.458	-93.123	-92.01	0.0
58	678	679	SN	2	57.716	58.266	0.0	0.003	1.291	0.373	1214.672	1289.256	13.946	-93.072	-92.036	0.0
59	678	679	SN	1	57.716	58.266	0.0	0.003	1.291	0.373	1214.672	1289.256	13.946	-93.072	-92.036	0.0
60	679	680	SN	1	57.704	58.267	0.0	0.003	1.291	0.377	1214.336	1289.376	14.164	-93.038	-92.036	0.0
61	679	680	NS	1	57.703	58.266	0.0	0.003	1.291	0.372	1211.312	1289.232	12.846	-93.092	-92.01	0.0
62	679	680	NS	1	57.703	58.24	0.0	0.003	1.291	0.373	1211.312	1285.608	2.396	-93.092	-92.01	0.0
		•			•			•			•			•		

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





1	Outer																									
Series Control Contr			p	K											NR	18										
1 651 662 NS 1 - 34.60 19.189 00 - 34.943 13.249 00 - 10.05 25.414 0.002 2.475 0.003 0.08 20.225 3.90 0.061 0.06.44 4.32 0.08 0.102 0.05 0.102 0.05 0.102 0.05 0.102 0.05 0.102 0.05 0.102 0.05 0.102 0.05 0.102 0.05 0.102 0.05 0.102 0.05 0.102 0.05 0.102	Land Fore	Aft	Land	ore	Sea Aft Sea Fore					Land Fore S			Aft	and	L	ore	ea F	S	Aft	Sea /	5					
2 651 652 5N 1 3354 19.021 10 -34.19 19.24 0.0 1.253 24.884 0.717 -0.922 25.26 0.537 0.06 191.332 1.77 0.06 175.563 1.074 0.08 0.122 0.13 3 652 663 NN 1 -33.723 19.978 0.0 -34.444 20.551 0.0 -14.682 24.778 0.503 -9.167 24.497 0.307 0.08 17.542 2.191 0.08 185.977 2.082 0.08 2.026 0.04 4 652 663 NN 1 -34.842 0.749 0.0 -34.747 19.635 0.0 -27.32 6.383 0.422 3.43 2.596 0.0 0.0 0.0 175.188 1.346 0.0 199.407 1.145 0.08 0.113 0.145 5 653 654 NN 1 -34.862 20.647 1.0 -34.611 20.774 0.0 -24.266 23.973 0.177 25.51 24.08 0.307 0.06 24.884 1.712 0.0 190.207 20.201 0.0 1.2560 24.27 0.0 0.468 23.852 0.00 0.0 20.538 2.052 0.0 10.0 10.208 1.273 0.0 1.208 1.274 5 653 654 NN 1 -34.864 19.895 0.0 -34.686 19.00 0.0 -42.266 23.993 0.177 25.51 24.086 0.307 0.0 24.884 1.712 0.0 19.208 25.208 25.313 0.0 17.808 1.274 5 655 656 NN 1 -34.847 17.775 0.0 -33.588 17.498 0.0 -28.666 23.90 0.399 26.032 23.871 0.485 0.081 0.0 10.208 10.208 27.211 0.0 10.10 5 656 666 NN 1 -34.847 17.785 0.0 -33.588 17.498 0.0 -28.666 23.90 0.399 26.032 23.871 0.485 0.081 0.208 10.223 1.300 0.0 17.208 10.2	Occ Min Max BadOcc (%)	BadOcc (%)	Min Max	BadOcc (%)	Max	Min	BadOcc (%)	Max	Min	BadOcc (%)	Max	Min	BadOcc (%)	Max	Min	BadOcc (%)	Max	Min	BadOcc (%)	Max	Min	Ver.	Dir.	End Orbit	Start Orbit	SrNo
3 652 653 8N 1 1 33.723 19.979 0.0 34.444 20.551 0.0 14.682 24.478 0.533 3.107 24.497 0.337 0.00 157.542 21.15 0.00 196.977 20.02 0.00 2.026 0.00 4 655 655 8N 1 34.184 20.749 0.0 34.574 19.655 0.0 2.273 26.385 0.422 3.43 25.986 0.0 0.00 175.188 13.49 0.00 199.407 14.15 0.00 0.113 0.0 15 653 654 8N 1 34.962 20.433 0.0 34.585 20.297 0.0 12.586 24.27 0.00 24.266 23.993 0.127 25.51 24.096 0.3877 0.00 20.853 2.000 20.9245 25.04 0.00 1.27	0.08 0.099 0.0	0.0	0.08 0.102	4.32	208.644	0.081	3.982	202.258	0.08	0.018	23.501	4.47	0.062	25.414	4.005	0.0	18.249	-34.943	0.0	19.189	-34.809	1	NS	652	651	1
4 652 653 NS 1 94.18 20.749 0.0 94.747 [19.635 0.0 2.273 26.385 0.422 3.43 25.998 0.8 0.08 75.18 1.344 0.08 199.407 1.415 0.08 0.113 0.0 5 653 653 654 NS 1 94.962 20.433 0.0 94.96 20.297 0.0 12.569 24.27 0.866 6.468 23.852 0.599 0.08 20.535 2.655 0.08 20.948 2.504 0.08 1.27 0.06 6 653 654 NS 1 94.866 20.647 0.0 94.611 20.274 0.0 94.266 23.993 0.127 95.551 24.098 0.387 0.08 204.98 4.712 0.08 193.298 5.293 0.08 17.908 0.0 94.008 1.208 94.008	0.08 0.153 0.0	0.0	0.08 0.122	1.074	175.563	0.08	1.274	151.332	0.08	0.532	25.28	-0.922	0.717	24.884	1.283	0.0	19.248	-34.193	0.0	19.021	-33.548	1	SN	652	651	2
5 663 664 SN 1 34.962 20.433 00 34.966 20.297 00 -12.669 24.27 0.866 -6.468 23.852 0.669 0.08 20.538 2.852 0.08 20.9248 2.504 0.08 12.7 0.06 12.7 0.06 12.7 0.06 12.7 0.08 193.288 5.29 0.08 12.7 0.08 12.7 0.08 12.7 0.08 12.8 0.08 12.7 0.08 12.8 0.08 12.7 0.08 12.8 0.	0.08 0.615 0.0	0.002	0.08 2.026	2.082	185.977	0.08	2.195	157.542	0.08	0.307	24.497	-9.167	0.593	24.478	-14.682	0.0	20.551	-34.444	0.0	19.978	-33.723	1	SN	653	652	3
6 663 664 NS 1 34.866 20.647 00 -34.611 20.274 00 -24.266 23.993 01.77 -26.51 24.098 0.387 0.08 20.498 4.712 0.08 193.288 5.293 0.08 17.908 0.07 7 664 655 NS 1 33.642 19.896 00 -34.066 19.604 00 3.391 23.507 0.845 3.108 22.695 0.079 0.08 154.633 0.803 0.08 171.316 0.857 0.08 0.105 0.108 8 664 655 NS 1 34.847 17.795 00 -34.97 18.006 00 -11.916 23.136 0.078 25.437 23.812 0.452 0.081 20.4122 17.05 0.01 109.888 2.211 0.08 1.101 0.00 9 665 666 NS 1 29.922 18.195 00 -33.688 17.498 0.0 -28.665 23.96 0.389 26.036 23.871 0.485 0.081 65.69 0.421 0.081 162.732 0.592 0.08 48.091 0.01 10 656 657 NS 1 34.417 18.632 0.0 -34.198 19.001 0.0 -12.861 23.849 0.104 -26.76 23.911 0.399 0.08 184.863 1.323 0.08 173.41 1.499 0.08 13.54 11 657 658 NS 1 34.513 19.933 0.0 -34.996 20.518 0.0 -28.608 24.52 0.935 -21.15 25.0 1.424 0.08 189.023 17.33 0.08 211.231 1.893 0.08 48.567 0.01 13 658 659 NS 1 34.533 18.442 0.0 -34.57 19.686 0.0 1.588 24.612 2.195 4.199 24.362 1.894 0.08 180.356 2.837 0.08 210.27 2.766 0.08 0.119 0.114 658 659 NS 1 34.533 18.442 0.0 -34.57 20.93 0.0 1.841 25.15 2.902 2.268 25.761 2.312 0.081 194.176 3.902 0.08 209.307 4.372 0.08 0.117 0.114 658 659 NS 1 34.534 18.442 0.0 -34.57 20.995 0.0 -24.043 24.836 22.28 2.656 25.507 2.272 0.081 29.891 3.319 0.08 187.52 3.040 0.08 0.117 0.115 659 660 NS 1 34.596 20.20 3.4448 2.00 34.832 1.361 0.0 -1.94.82 2.382 2.482 2.596 2.595 2.131 0.08 20.22 2.4448 0.08 189.36 0.786 0.08 187.52 3.040 0.08 0.110 0.115 6.00 0 0.117 0.115 6.00 0 0.115 0.00 0 0.	0.08 0.105 0.0	0.0	0.08 0.113	1.415	199.407	0.08	1.349	175.188	0.08	0.8	25.998	3.43	0.422	26.383	2.273	0.0	19.635	-34.747	0.0	20.749	-34.184	1	NS	653	652	4
7 664 665 SN 1 33.642 19.896 00 34.086 19.604 0.0 3.391 23.507 0.845 31.08 22.695 0.079 0.08 154.638 0.803 0.08 171.316 0.857 0.08 0.105 0.105 0.08 664 665 NS 1 34.847 17.795 0.0 34.97 18.006 0.0 -11.916 23.136 0.078 -25.437 23.812 0.452 0.061 204.122 1.705 0.081 209.886 2.211 0.08 1.101 0.09 665 666 NS 1 29.922 18.195 0.0 -33.588 17.498 0.0 -28.565 23.96 0.389 -26.036 23.871 0.485 0.061 65.69 0.421 0.081 152.732 0.582 0.08 48.091 0.01 10 656 657 NS 1 34.417 18.632 0.0 -34.139 19.001 0.0 -12.861 23.849 0.104 -26.76 23.911 0.399 0.08 184.863 1.323 0.08 173.41 1.489 0.08 13.54 11 657 658 NS 1 34.513 19.933 0.0 34.996 20.518 0.0 -28.608 24.52 0.985 -21.15 25.0 1.424 0.08 189.023 1.733 0.08 211.231 1.882 0.08 48.567 0.01 12 657 658 SN 2 34.311 19.669 0.0 34.977 19.686 0.0 1.688 24.612 2.195 4.199 24.362 1.894 0.08 180.356 2.837 0.08 210.27 2.766 0.08 0.119 13 658 659 NS 1 34.623 18.442 0.0 34.957 20.93 0.0 1.844 25.15 2.902 2.268 25.761 2.812 0.061 194.176 3.902 0.08 209.307 4.372 0.08 0.117 14 658 659 NS 1 34.523 20.221 0.0 33.97 20.541 0.0 4.385 24.432 2.342 2.596 24.994 3.768 0.08 189.896 0.08 166.768 0.737 0.08 0.117 15 659 660 NS 1 34.965 18.222 0.0 34.479 20.985 0.0 -24.043 24.836 2.228 2.566 25.507 2.272 0.061 29.691 3.319 0.08 167.52 3.049 0.08 17.015 0.01 15 669 660 NS 1 34.796 21.125 0.0 34.622 20.62 0.0 -1.742 24.844 2.545 0.116 26.757 0.291 0.08 199.918 1.838 0.08 183.742 1.409 0.08 0.169 1 16 669 660 NS 1 34.945 20.905 0.0 34.845 21.816 0.0 -19.835 24.791 2.151 -11.075 25.71 1.96 0.08 202.32 4.448 0.08 205.767 4.277 0.08 6.496 0.00 1.19 17 660 661 NS 1 34.942 0.090 0.0 34.945 18.863 0.0 -1.946 25.82 4.954 2.838 25.687 0.26 0.08 185.144 1.881 0.08 205.767 4.277 0.08 6.496 0.00 1.94 1.94 1.94 1.94 1.94 1.94 1.94 1.94	05 0.08 0.361 0.0	0.005	0.08 1.27	2.504	209.249	0.08	2.652	209.538	0.08	0.569	23.852	-6.468	0.866	24.27	-12.569	0.0	20.297	-34.956	0.0	20.433	-34.962	1	SN	654	653	5
8 654 655 NS 1 34847 17.795 00 34.97 18.006 00 -11.916 23.136 0078 -25.437 23.812 0.452 0.081 20.4122 17.05 0.081 20.988 2.211 0.08 1.101 0.00 9 655 656 NS 1 28.922 18.195 00 -33.588 17.498 00 -28.565 23.96 0.389 -26.036 23.871 0.485 0.081 65.69 0.421 0.081 152.732 0.582 0.08 48.091 0.00 10 656 657 NS 1 34.417 18.632 00 -34.139 19.001 00 -12.861 23.849 0.104 -26.76 23.911 0.399 0.08 184.863 1.323 0.08 173.41 1.489 0.08 13.54 0.00 11 657 658 NS 1 34.513 19.833 00 -34.996 20.518 00 -28.608 24.52 0.985 -21.15 25.0 1.424 0.08 189.025 1.733 0.08 211.23 1.882 0.08 48.567 0.00 12 657 658 NS 2 34.311 19.669 00 34.977 19.686 00 1.588 24.612 2.195 4.199 24.362 18.94 0.08 180.356 2.837 0.08 210.27 2.756 0.08 0.119 0.00 13 658 659 NS 1 34.631 18.442 00 34.957 20.93 00 1.841 25.15 2.902 2.288 25.761 2.812 0.081 194.176 3.902 0.08 20.307 4.372 0.08 0.119 0.00 14 658 659 NS 1 34.523 20.221 0.0 34.972 20.541 0.0 4.385 24.432 2.342 2.596 24.984 3.788 0.08 189.368 0.786 0.08 186.678 0.737 0.08 0.1 0.00 15 659 660 NS 1 34.965 18.222 0.0 34.479 20.985 0.0 -24.043 24.836 2.228 2.656 25.507 2.272 0.081 20.969 3.319 0.08 187.52 3.049 0.08 17.015 0.00 16 659 660 NS 1 34.942 20.580 0.0 34.883 21.361 0.0 19.835 24.791 2.151 1.1075 25.71 1.96 0.08 20.23 4.448 0.08 20.5767 4.277 0.08 0.496 0.00 18 660 661 NS 1 34.424 20.586 0.0 34.945 18.863 0.0 1.946 25.382 4.394 2.838 2.568 5.507 2.272 0.08 185.144 1.981 0.08 20.74 2.704 0.08 99.074 0.00 18 660 661 NS 1 34.424 20.586 0.0 34.945 18.863 0.0 1.946 25.382 4.394 2.838 2.569 5.507 2.272 0.08 185.144 1.981 0.08 20.5767 4.277 0.08 6.496 0.00 18 660 661 NS 1 34.439 20.995 0.0 34.945 18.863 0.0 1.946 25.382 4.394 2.838 2.5696 0.0 1.313 0.08 185.62 1.323 0.08 185.62 1.323 0.08 185.62 1.323 0.08 185.62 1.323 0.08 185.62 1.323 0.08 185.62 1.323 0.08 185.62 1.323 0.08 185.62 1.323 0.08 185.62 1.323 0.08 185.62 1.323 0.08 185.62 1.323 0.08 185.62 1.323 0.08 185.62 1.323 0.08 185.62 1.323 0.08 185.62 1.323 0.08 185.62 1.323 0.08 185.62 1.323 0.08 185.62 1.323 0.08 185.62 1.323 0.0	0.08 23.829 0.031	0.039	0.08 17.908	5.293	193.288	0.08	4.712	204.98	0.08	0.387	24.098	-25.51	0.127	23.993	-24.266	0.0	20.274	-34.611	0.0	20.647	-34.866	1	NS	654	653	6
9 665 666 NS 1 29.922 18.195 0.0 33.588 17.498 0.0 -28.566 23.96 0.389 -26.036 23.871 0.485 0.081 66.69 0.421 0.081 152.732 0.582 0.08 48.091 0.	0.08 0.107 0.0	0.0	0.08 0.105	0.857	171.316	0.08	0.803	154.639	0.08	0.079	22.695	3.108	0.845	23.507	3.391	0.0	19.604	-34.086	0.0	19.896	-33.642	1	SN	655	654	7
10 656 657 NS 1 34.417 18.632 0.0 34.139 19.001 0.0 12.861 23.849 0.104 -26.76 23.911 0.399 0.08 184.863 1323 0.08 173.41 1.489 0.08 1.354 0.00 11 657 658 NS 1 34.513 19.933 0.0 -34.996 20.518 0.0 -28.608 24.52 0.985 -21.15 25.0 1.424 0.08 189.023 1.733 0.08 211.231 1.882 0.08 48.567 0.00 12 657 658 NS 2 34.311 19.669 0.0 34.977 19.686 0.0 1.588 24.612 2.195 4.199 24.362 1.894 0.08 180.356 2.837 0.08 210.27 2.766 0.08 0.119 0.00 13 658 659 NS 1 34.633 18.442 0.0 34.957 20.93 0.0 1.841 25.15 2.902 2.268 25.761 2.812 0.081 194.176 3.902 0.08 20.9307 4.372 0.08 0.117 0.00 14 658 659 NS 1 34.523 20.221 0.0 33.97 20.541 0.0 4.395 24.432 2.342 2.596 24.984 3.788 0.08 89.366 0.786 0.08 166.768 0.737 0.08 0.1 0.1 15 659 660 NS 1 34.966 18.222 0.0 34.479 20.985 0.0 -24.043 24.836 2.228 -26.56 25.507 2.272 0.081 20.969 3.319 0.08 187.52 3.049 0.08 170.15 0.00 16 659 660 NS 1 34.736 21.125 0.0 34.622 20.62 0.0 41.742 24.844 2.545 0.116 26.757 5.291 0.08 198.918 16.336 0.08 193.742 1.409 0.08 0.169 0.00 17 660 661 NS 2 34.808 20.905 0.0 34.945 18.863 0.0 4	0.08 23.429 0.027	0.004	0.08 1.101	2.211	209.888	0.081	1.705	204.122	0.081	0.452	23.812	-25.437	0.078	23.136	-11.916	0.0	18.006	-34.97	0.0	17.795	-34.847	1	NS	655	654	8
11 657 658 NS 1 34.513 19.933 0.0 34.99€ 20.518 0.0 -28.608 24.52 0.866 -21.15 25.0 1.424 0.08 189.023 1.733 0.08 211.231 1.882 0.08 48.567 0.00 1.588 24.612 2.196 4.199 24.362 1.894 0.08 180.356 2.837 0.08 210.27 2.766 0.08 0.119 0.0 1.586 659 NS 1 34.631 18.442 0.0 -34.957 20.93 0.0 1.841 25.15 2.902 2.268 25.761 2.812 0.081 194.176 3.902 0.08 209.307 4.372 0.08 0.117 0.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	6 0.08 26.89 0.013	0.016	0.08 48.091	0.582	152.732	0.081	0.421	65.69	0.081	0.485	23.871	-26.036	0.389	23.96	-28.565	0.0	17.498	-33.588	0.0	18.195	-29.922	1	NS	656	655	9
12 657 658 SN 2 -34.311 19.669 0.0 -34.977 19.686 0.0 1.588 24.612 2.195 4.199 24.362 1.894 0.08 180.356 2.837 0.08 210.27 2.766 0.08 0.119 0.0 13 658 659 SN 1 -34.631 18.442 0.0 -34.957 20.93 0.0 1.841 25.15 2.902 2.268 25.761 2.812 0.081 194.176 3.902 0.08 209.307 4.372 0.08 0.117 0.0 14 658 659 NS 1 -34.523 20.221 0.0 -33.97 20.541 0.0 4.395 24.432 2.342 2.596 24.984 3.788 0.08 189.369 0.786 0.08 166.768 0.737 0.08 0.1 0.0 15 659 660 SN 1 -34.736 21.125 0.0 -34.622 0.0 -24.043 24.836 2.228 -26.56 25.507 2.272 0.081 209.691 3.319 0.08 187.52 3.049 0.08 17.015 0.00 16 659 660 NS 1 -34.736 21.125 0.0 -34.622 0.0 -0 -1.742 24.844 2.545 0.116 26.757 5.291 0.08 198.918 1.638 0.08 193.742 1.409 0.08 0.169 0.0 17 660 661 SN 2 -34.809 20.905 0.0 -34.843 21.361 0.0 -19.835 24.791 2.151 -11.075 25.71 1.96 0.08 202.32 4.448 0.08 205.767 4.277 0.08 6.496 0.0 18 660 661 NS 1 -34.424 20.586 0.0 -34.945 18.863 0.0 -1.946 25.382 4.954 2.838 25.687 8.926 0.08 185.144 1.981 0.08 208.74 2.003 0.08 0.174 0.0 19 661 662 SN 1 -34.663 21.174 0.0 -34.372 19.066 0.0 -2.627 24.446 1.807 -0.86 25.713 3.884 0.08 195.629 1.923 0.08 182.943 1.726 0.08 0.191 0.0 12 662 663 SN 1 -34.553 19.277 0.0 -33.727 20.699 0.0 -20.924 28.386 1.71 -19.087 25.552 1.833 0.08 195.669 1.923 0.08 195.69 1.923 0.08 195.69 1.923 0.08 185.144 0.08 195.69 1.923 0.08 185.144 0.08 195.69 1.923 0.08 185.16 1.133 0.08 0.149 0.0 12 662 663 SN 1 -34.553 19.277 0.0 -33.727 20.699 0.0 -20.924 28.386 1.71 -19.087 25.552 1.833 0.08 195.669 1.923 0.08 195.69 1.923 0.08 185.14 0.0 197.949 1.835 0.08 0.12 0.0 12 663 664 SN 1 -34.553 19.277 0.0 -33.727 20.699 0.0 -20.924 28.386 1.71 -19.087 25.552 1.833 0.08 195.669 0.88 0.08 195.69 1.835 0.08 195.949 1.835 0.08 0.12 0.0 12 663 664 SN 1 -34.553 19.277 0.0 -34.803 21.015 0.0 -18.896 24.577 3.006 26.258 25.568 3.719 0.08 195.669 0.88 0.08 195.949 1.835 0.08 0.12 0.0 12	02 0.08 31.751 0.011	0.002	0.08 1.354	1.489	173.41	0.08	1.323	184.863	0.08	0.399	23.911	-26.76	0.104	23.849	-12.861	0.0	19.001	-34.139	0.0	18.632	-34.417	1	NS	657	656	10
13 658 659 SN 1 -34.631 18.442 0.0 -34.957 20.93 0.0 1.841 25.15 2.902 2.268 25.761 2.812 0.081 194.176 3.902 0.08 209.307 4.372 0.08 0.117 0.08	0.08 8.77 0.048	0.064	0.08 48.567	1.882	211.231	0.08	1.733	189.023	0.08	1.424	25.0	-21.15	0.985	24.52	-28.608	0.0	20.518	-34.996	0.0	19.933	-34.513	1	NS	658	657	11
14 658 659 NS 1 34.523 20.221 0.0 -33.97 20.541 0.0 4.395 24.432 2.342 2.596 24.984 3.788 0.08 189.369 0.786 0.08 166.768 0.737 0.08 0.1 0.0 15 659 660 SN 1 -34.965 18.222 0.0 -34.479 20.985 0.0 -24.043 24.836 2.228 -26.56 25.507 2.272 0.081 20.691 3.319 0.08 187.52 3.049 0.08 17.015 0.0 16 659 660 NS 1 -34.736 21.125 0.0 -34.622 20.62 0.0 -1.742 24.844 2.545 0.116 26.757 5.291 0.08 198.918 1.638 0.08 193.742 1.409 0.08 0.169 0.0 17 660 661 SN 2 -34.809 20.905 0.0 -34.883 21.361 0.0 -19.835 24.791 2.151 -11.075 25.71 1.96 0.08 202.32 4.448 0.08 205.767 4.277 0.08 6.496 0.0 18 660 661 NS 1 -34.424 20.586 0.0 -34.945 18.863 0.0 -1.946 25.382 4.954 2.838 25.687 8.926 0.08 185.144 1.981 0.08 208.74 2.003 0.08 0.174 0.0 19 661 662 SN 1 -34.965 21.174 0.0 -34.372 19.066 0.0 -22.627 24.446 1.807 -0.86 25.713 3.864 0.08 195.629 1.923 0.08 182.943 1.726 0.08 0.19 0.0 19.835 1.726 0.0 1.946 25.82 1.949 1.756 25.71 1.96 0.08 208.251 1.219 0.08 198.16 1.33 0.08 0.19 0.0 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	0.08 0.101 0.0	0.0	0.08 0.119	2.766	210.27	0.08	2.837	180.356	0.08	1.894	24.362	4.199	2.195	24.612	1.588	0.0	19.686	-34.977	0.0	19.669	-34.311	2	SN	658	657	12
15 659 660 SN 1 -34.965 18.222 0.0 -34.479 20.985 0.0 -24.043 24.836 2.228 -26.56 25.507 2.272 0.081 209.691 3.319 0.08 187.52 3.049 0.08 17.015 0.00 16 659 660 NS 1 -34.736 21.125 0.0 -34.622 20.62 0.0 -1.742 24.844 2.545 0.116 26.757 5.291 0.08 198.918 1.638 0.08 193.742 1.409 0.08 0.169 0.0 17 660 661 SN 2 -34.809 20.905 0.0 -34.883 21.361 0.0 -19.835 24.791 2.151 -11.075 25.71 1.96 0.08 202.32 4.448 0.08 205.767 4.277 0.08 6.496 0.0 18 660 661 NS 1 -34.424 20.586 0.0 -34.945 18.863 0.0 -1.946 25.382 4.954 2.838 25.687 8.926 0.08 185.144 1.981 0.08 208.74 2.003 0.08 0.174 19 661 662 SN 1 -34.919 20.999 0.0 -34.945 21.514 0.0 -31.707 25.138 2.201 -11.335 25.905 2.131 0.08 207.464 2.508 0.08 208.74 2.704 0.08 99.074 0.00 20 661 662 NS 1 -34.936 20.631 0.0 -34.719 19.096 0.0 -2.627 24.446 1.807 -0.86 25.713 3.864 0.08 195.629 1.923 0.08 182.943 1.726 0.08 0.191 0.0 21 662 663 NS 1 -34.936 20.631 0.0 -34.719 19.096 0.0 -0.724 24.477 4.091 1.756 25.472 4.633 0.08 208.251 1.219 0.08 198.16 1.133 0.08 0.149 0.0 22 662 663 SN 1 -34.553 19.277 0.0 -33.727 20.699 0.0 -20.924 28.366 1.71 -19.087 25.552 1.833 0.08 190.756 1.122 0.08 157.698 1.203 0.08 8.331 0.00 23 663 664 SN 1 -32.877 20.461 0.0 -34.803 21.015 0.0 -18.896 24.577 3.006 -26.258 25.568 3.719 0.08 198.965 0.88 0.08 202.017 0.734 0.08 5.244 0.00 24 663 664 NS 1 -34.574 21.058 0.0 -34.714 19.129 0.0 1.501 24.463 2.793 4.949 24.789 4.307 0.08 198.965 0.88 0.08 202.017 0.734 0.08 5.244 0.00 25 664 665 NS 1 -34.738 19.862 0.0 -34.714 19.129 0.0 1.501 24.463 2.793 4.949 24.789 4.307 0.08 198.985 3.431 0.081 207.747 3.37 0.08 0.105 0.0 26 664 665 NS 1 -34.738 19.862 0.0 -34.925 17.39 0.0 3.477 24.355 3.997 3.015 24.495 5.431 0.08 198.985 3.431 0.081 207.747 3.37 0.08 0.105 0.0 26 664 665 NS 1 -34.738 19.862 0.0 -34.925 17.39 0.0 3.47 24.355 3.997 3.015 24.495 5.431 0.08 198.985 3.431 0.081 207.747 3.37 0.08 0.105 0.0 27 664 665 NS 1 -34.738 19.862 0.0 -34.925 17.39 0.0 3.47 24.355 3.997 3.015 24.495 5.431 0.08 198.985 3.431 0.081 207.747	0.08 0.113 0.0	0.0	0.08 0.117	4.372	209.307	0.08	3.902	194.176	0.081	2.812	25.761	2.268	2.902	25.15	1.841	0.0	20.93	-34.957	0.0	18.442	-34.631	1	SN	659	658	13
16 659 660 NS 1 -34.736 21.125 0.0 -34.622 20.62 0.0 -1.742 24.844 2.545 0.116 26.757 5.291 0.08 198.918 1.638 0.08 193.742 1.409 0.08 0.169 0.00 17 660 661 NS 2 -34.809 20.905 0.0 -34.883 21.361 0.0 -19.835 24.791 2.151 -11.075 25.71 1.96 0.08 202.32 4.448 0.08 205.767 4.277 0.08 6.496 0.00 18 660 661 NS 1 -34.424 20.586 0.0 -34.945 18.863 0.0 -1.946 25.382 4.954 2.838 25.687 8.926 0.08 185.144 1.981 0.08 208.74 2.003 0.08 0.174 0.00 19 661 662 NS 1 -34.919 20.999 0.0 -34.945 21.514 0.0 -31.707 25.138 2.201 -11.335 25.905 2.131 0.08 207.464 2.508 0.08 208.745 2.704 0.08 99.074 0.00 19 661 662 NS 1 -34.663 21.174 0.0 -34.372 19.066 0.0 -2.627 24.446 1.807 -0.86 25.713 3.864 0.08 195.629 1.923 0.08 182.943 1.726 0.08 0.191 0.00 19 662 663 NS 1 -34.936 20.631 0.0 -34.719 19.096 0.0 -0.724 24.477 4.091 1.756 25.472 4.633 0.08 208.251 1.219 0.08 198.16 1.133 0.08 0.149 0.00 19 662 663 NS 1 -34.553 19.277 0.0 -33.727 20.699 0.0 -20.924 28.366 1.71 -19.087 25.552 1.833 0.08 190.756 1.122 0.08 157.698 1.203 0.08 8.331 0.00 19 663 664 NS 1 -34.574 21.058 0.0 -34.714 19.129 0.0 1.501 24.463 2.793 4.949 24.789 4.307 0.08 198.985 3.431 0.081 207.747 3.37 0.08 0.105 0.00 19 664 665 NS 1 -34.738 19.862 0.0 -34.714 19.129 0.0 1.501 24.463 2.793 4.949 24.789 4.307 0.08 198.985 3.431 0.081 207.747 3.37 0.08 0.105 0.00 19 664 665 NS 1 -34.738 19.862 0.0 -34.714 19.129 0.0 1.501 24.463 2.793 4.949 24.789 4.307 0.08 198.985 3.431 0.081 207.747 3.37 0.08 0.105 0.00 10 10 10 10 10 10 10 10 10 10 10 10 1	0.08 0.111 0.0	0.0	0.08 0.1	0.737	166.768	0.08	0.786	189.369	0.08	3.788	24.984	2.596	2.342	24.432	4.395	0.0	20.541	-33.97	0.0	20.221	-34.523	1	NS	659	658	14
17 660 661 SN 2 -34.809 20.905 0.0 -34.883 21.361 0.0 -19.835 24.791 2.151 -11.075 25.71 1.96 0.08 202.32 4.448 0.08 205.767 4.277 0.08 6.496 0.00 18 660 661 NS 1 -34.424 20.586 0.0 -34.945 18.863 0.0 -1.946 25.382 4.954 2.838 25.687 8.926 0.08 185.144 1.981 0.08 208.74 2.003 0.08 0.174 0.0 19 661 662 SN 1 -34.919 20.999 0.0 -34.945 21.514 0.0 -31.707 25.138 2.201 -11.335 25.905 2.131 0.08 207.464 2.508 0.08 208.745 2.704 0.08 99.074 0.00 20 661 662 NS 1 -34.663 21.174 0.0 -34.372 19.066 0.0 -2.627 24.446 1.807 -0.86 25.713 3.864 0.08 195.629 1.923 0.08 182.943 1.726 0.08 0.191 0.0 21 662 663 NS 1 -34.936 20.631 0.0 -34.719 19.096 0.0 -0.724 24.477 4.091 1.756 25.472 4.633 0.08 208.251 1.219 0.08 198.16 1.133 0.08 0.149 0.0 22 662 663 SN 1 -34.553 19.277 0.0 -33.727 20.699 0.0 -20.924 28.366 1.71 -19.087 25.552 1.833 0.08 190.756 1.122 0.08 157.698 1.203 0.08 8.331 0.00 23 663 664 SN 1 -32.877 20.461 0.0 -34.803 21.015 0.0 -18.896 24.577 3.006 -26.258 25.568 3.719 0.08 193.669 0.88 0.08 202.017 0.734 0.08 5.244 0.00 24 663 664 NS 1 -34.574 21.058 0.0 -34.714 19.129 0.0 1.501 24.463 2.793 4.949 24.789 4.307 0.08 193.665 0.88 0.08 197.949 1.835 0.08 0.12 0.0 25 664 665 NS 1 -34.738 19.862 0.0 -34.925 17.39 0.0 3.47 24.355 3.997 3.015 24.495 5.431 0.08 198.985 3.431 0.081 207.747 3.37 0.08 0.105 0.0 25 664 665 NS 1 -34.738 19.862 0.0 -34.925 17.39 0.0 3.47 24.355 3.997 3.015 24.495 5.431 0.08 198.985 3.431 0.081 207.747 3.37 0.08 0.105 0.0 26 664 665 NS 1 -34.738 19.862 0.0 -34.925 17.39 0.0 3.47 24.355 3.997 3.015 24.495 5.431 0.08 198.985 3.431 0.081 207.747 3.37 0.08 0.105 0.0 27 664 665 NS 1 -34.738 19.862 0.0 -34.925 17.39 0.0 3.47 24.355 3.997 3.015 24.495 5.431 0.08 198.985 3.431 0.081 207.747 3.37 0.08 0.105 0.0 28 664 665 NS 1 -34.738 19.862 0.0 -34.925 17.39 0.0 3.47 24.355 3.997 3.015 24.495 5.431 0.08 198.985 3.431 0.081 207.747 3.37 0.08 0.105 0.0 28 664 665 NS 1 -34.738 19.862 0.0 -34.925 17.39 0.0 3.47 24.355 3.997 3.015 24.495 5.431 0.08 198.985 3.431 0.081 207.747 3.37 0.	35 0.08 30.331 0.038	0.035	0.08 17.015	3.049	187.52	0.08	3.319	209.691	0.081	2.272	25.507	-26.56	2.228	24.836	-24.043	0.0	20.985	-34.479	0.0	18.222	-34.965	1	SN	660	659	15
18 660 661 NS 1 -34.424 20.586 0.0 -34.945 18.863 0.0 -1.946 25.382 4.954 2.838 25.687 8.926 0.08 185.144 1.981 0.08 208.74 2.003 0.08 0.174 0.06 19 661 662 NS 1 -34.919 20.999 0.0 -34.945 21.514 0.0 -31.707 25.138 2.201 -11.335 25.905 2.131 0.08 207.464 2.508 0.08 208.745 2.704 0.08 99.074 0.05 20 661 662 NS 1 -34.663 21.174 0.0 -34.372 19.066 0.0 -2.627 24.446 1.807 -0.86 25.713 3.864 0.08 195.629 1.923 0.08 182.943 1.726 0.08 0.191 0.06 21 662 663 NS 1 -34.936 20.631 0.0 -34.719 19.096 0.0 -0.724 24.477 4.091 1.756 25.472 4.633 0.08 208.251 1.219 0.08 198.16 1.133 0.08 0.149 0.06 22 662 663 NS 1 -34.553 19.277 0.0 -33.727 20.699 0.0 -20.924 28.366 1.71 -19.087 25.552 1.833 0.08 190.756 1.122 0.08 157.698 1.203 0.08 8.331 0.06 23 663 664 NS 1 -32.877 20.461 0.0 -34.803 21.015 0.0 -18.896 24.577 3.006 -26.258 25.568 3.719 0.08 191.646 1.794 0.08 197.949 1.835 0.08 0.12 0.06 25 664 665 NS 1 -34.738 19.862 0.0 -34.925 17.39 0.0 3.47 24.355 3.997 3.015 24.495 5.431 0.08 198.985 3.431 0.081 207.747 3.37 0.08 0.105 0.0 0.08 0.105 0.0 0.08 0.105 0.0 0.08 0.105 0.0 0.08 0.105 0.0 0.08 0.105 0.0 0.08 0.105 0.0 0.08 0.105 0.0 0.08 0.105 0.0 0.08 0.105 0.0 0.08 0.105 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.08 0.136 0.0	0.0	0.08 0.169	1.409	193.742	0.08	1.638	198.918	0.08	5.291	26.757	0.116	2.545	24.844	-1.742	0.0	20.62	-34.622	0.0	21.125	-34.736	1	NS	660	659	16
19 661 662 SN 1 -34.919 20.999 0.0 -34.945 21.514 0.0 -31.707 25.138 2.201 -11.335 25.905 2.131 0.08 207.464 2.508 0.08 208.745 2.704 0.08 99.074 0.05 20 661 662 NS 1 -34.663 21.174 0.0 -34.372 19.066 0.0 -2.627 24.446 1.807 -0.86 25.713 3.864 0.08 195.629 1.923 0.08 182.943 1.726 0.08 0.191 0.0 21 662 663 NS 1 -34.936 20.631 0.0 -34.719 19.096 0.0 -0.724 24.477 4.091 1.756 25.472 4.633 0.08 208.251 1.219 0.08 198.16 1.133 0.08 0.149 0.0 22 662 663 SN 1 -34.553 19.277 0.0 -33.727 20.699 0.0 -20.924 28.366 1.71 -19.087 25.552 1.833 0.08 190.756 1.122 0.08 157.698 1.203 0.08 8.331 0.00 23 663 664 SN 1 -32.877 20.461 0.0 -34.803 21.015 0.0 -18.896 24.577 3.006 -26.258 25.568 3.719 0.08 129.669 0.88 0.08 202.017 0.734 0.08 5.244 0.00 24 663 664 NS 1 -34.574 21.058 0.0 -34.714 19.129 0.0 1.501 24.463 2.793 4.949 24.789 4.307 0.08 191.646 1.794 0.08 197.949 1.835 0.08 0.12 0.0 25 664 665 NS 1 -34.738 19.862 0.0 -34.925 17.39 0.0 3.47 24.355 3.997 3.015 24.495 5.431 0.08 198.985 3.431 0.081 207.747 3.37 0.08 0.105 0.0 26 664 665 NS 1 -34.738 19.862 0.0 -34.925 17.39 0.0 3.47 24.355 3.997 3.015 24.495 5.431 0.08 198.985 3.431 0.081 207.747 3.37 0.08 0.105 0.0 27 664 665 NS 1 -34.738 19.862 0.0 -34.925 17.39 0.0 3.47 24.355 3.997 3.015 24.495 5.431 0.08 198.985 3.431 0.081 207.747 3.37 0.08 0.105 0.0 28 664 665 NS 1 -34.738 19.862 0.0 -34.925 17.39 0.0 3.47 24.355 3.997 3.015 24.495 5.431 0.08 198.985 3.431 0.081 207.747 3.37 0.08 0.105 0.0 28 664 665 NS 1 -34.738 19.862 0.0 -34.925 17.39 0.0 3.47 24.355 3.997 3.015 24.495 5.431 0.08 198.985 3.431 0.081 207.747 3.37 0.08 0.105 0.0 29 664 665 NS 1 -34.738 19.862 0.0 -34.925 17.39 0.0 3.47 24.355 3.997 3.015 24.495 5.431 0.08 198.985 3.431 0.081 207.747 3.37 0.08 0.105 0.0 30 664 665 NS 1 -34.738 19.862 0.0 -34.925 17.39 0.0 3.47 24.355 3.997 3.015 24.495 5.431 0.08 198.985 3.431 0.081 207.747 3.37 0.08 0.105 0.0 30 664 665 NS 1 -34.738 19.862 0.0 -34.925 17.39 0.0 3.47 24.355 3.997 3.015 24.495 5.431 0.08 198.985 3.431 0.081 207.747 3.37 0.08 0.1	09 0.08 0.919 0.0	0.009	0.08 6.496	4.277	205.767	0.08	4.448	202.32	0.08	1.96	25.71	-11.075	2.151	24.791	-19.835	0.0	21.361	-34.883	0.0	20.905	-34.809	2	SN	661	660	17
20 661 662 NS 1 -34.663 21.174 0.0 -34.372 19.066 0.0 -2.627 24.446 1.807 -0.86 25.713 3.864 0.08 195.629 1.923 0.08 182.943 1.726 0.08 0.191 0.0 21 662 663 NS 1 -34.936 20.631 0.0 -34.719 19.096 0.0 -0.724 24.477 4.091 1.756 25.472 4.633 0.08 208.251 1.219 0.08 198.16 1.133 0.08 0.149 0.0 22 662 663 SN 1 -34.553 19.277 0.0 -33.727 20.699 0.0 -20.924 28.366 1.71 -19.087 25.552 1.833 0.08 190.756 1.122 0.08 157.698 1.203 0.08 8.331 0.00 23 663 664 SN 1 -32.877 20.461 0.0 -34.803 21.015 0.0 -18.896 24.577 3.006 -26.258 25.568 3.719 0.08 129.669 0.88 0.08 202.017 0.734 0.08 5.244 0.02 24 663 664 NS 1 -34.574 21.058 0.0 -34.714 19.129 0.0 1.501 24.463 2.793 4.949 24.789 4.307 0.08 191.646 1.794 0.08 197.949 1.835 0.08 0.12 0.0 25 664 665 NS 1 -34.738 19.862 0.0 -34.925 17.39 0.0 3.47 24.355 3.997 3.015 24.495 5.431 0.08 198.985 3.431 0.081 207.747 3.37 0.08 0.105 0.0	0.08 0.109 0.0	0.0	0.08 0.174	2.003	208.74	0.08	1.981	185.144	0.08	8.926	25.687	2.838	4.954	25.382	-1.946	0.0	18.863	-34.945	0.0	20.586	-34.424	1	NS	661	660	18
21 662 663 NS 1 -34.936 20.631 0.0 -34.719 19.096 0.0 -0.724 24.477 4.091 1.756 25.472 4.633 0.08 208.251 1.219 0.08 198.16 1.133 0.08 0.149 0.0 22 662 663 SN 1 -34.553 19.277 0.0 -33.727 20.699 0.0 -20.924 28.366 1.71 -19.087 25.552 1.833 0.08 190.756 1.122 0.08 157.698 1.203 0.08 8.331 0.00 23 663 664 SN 1 -34.873 20.461 0.0 -34.803 21.015 0.0 -18.896 24.577 3.006 -26.258 25.568 3.719 0.08 129.669 0.88 0.08 202.017 0.734 0.08 5.244 0.02 24 663 664 NS 1 -34.574 21.058 0.0 -34.714 19.129 0.0 1.501 24.463 2.793 4.949 24.789 4.307 <t< th=""><td>0.08 0.971 0.0</td><td>0.033</td><td>0.08 99.074</td><td>2.704</td><td>208.745</td><td>0.08</td><td>2.508</td><td>207.464</td><td>0.08</td><td>2.131</td><td>25.905</td><td>-11.335</td><td>2.201</td><td>25.138</td><td>-31.707</td><td>0.0</td><td>21.514</td><td>-34.945</td><td>0.0</td><td>20.999</td><td>-34.919</td><td>1</td><td>SN</td><td>662</td><td>661</td><td>19</td></t<>	0.08 0.971 0.0	0.033	0.08 99.074	2.704	208.745	0.08	2.508	207.464	0.08	2.131	25.905	-11.335	2.201	25.138	-31.707	0.0	21.514	-34.945	0.0	20.999	-34.919	1	SN	662	661	19
22 662 663 SN 1 -34.553 19.277 0.0 -33.727 20.699 0.0 -20.924 28.366 1.71 -19.087 25.552 1.833 0.08 190.756 1.122 0.08 157.698 1.203 0.08 8.331 0.00 23 663 664 SN 1 -32.877 20.461 0.0 -34.803 21.015 0.0 -18.896 24.577 3.006 -26.258 25.568 3.719 0.08 129.669 0.88 0.08 202.017 0.734 0.08 5.244 0.02 24 663 664 NS 1 -34.574 21.058 0.0 -34.714 19.129 0.0 1.501 24.463 2.793 4.949 24.789 4.307 0.08 191.646 1.794 0.08 197.949 1.835 0.08 0.12 0.0 25 664 665 NS 1 -34.738 19.862 0.0 -34.925 17.39 0.0 3.47 24.355 3.997 3.015 24.495 5.431 0.08 198.985 3.431 0.081 207.747 3.37 0.08 0.105 0.0 26 664 665 NS 1 -34.738 19.862 0.0 -34.925 17.39 0.0 3.47 24.355 3.997 3.015 24.495 5.431 0.08 198.985 3.431 0.081 207.747 3.37 0.08 0.105 0.0 27 662 663 664 NS 1 -34.738 19.862 0.0 -34.925 17.39 0.0 3.47 24.355 3.997 3.015 24.495 5.431 0.08 198.985 3.431 0.081 207.747 3.37 0.08 0.105 0.0 28 663 664 NS 1 -34.738 19.862 0.0 -34.925 17.39 0.0 3.47 24.355 3.997 3.015 24.495 5.431 0.08 198.985 3.431 0.081 207.747 3.37 0.08 0.105 0.0 28 664 665 NS 1 -34.738 19.862 0.0 -34.925 17.39 0.0 3.47 24.355 3.997 3.015 24.495 5.431 0.08 198.985 3.431 0.081 207.747 3.37 0.08 0.105 0.0 28 664 665 NS 1 -34.738 19.862 0.0 -34.925 17.39 0.0 3.47 24.355 3.997 3.015 24.495 5.431 0.08 198.985 3.431 0.081 207.747 3.37 0.08 0.105 0.0 38 664 665 NS 1 -34.738 19.862 0.0 -34.925 17.39 0.0 3.47 24.355 3.997 3.015 24.495 5.431 0.08 198.985 3.431 0.081 207.747 3.37 0.08 0.105 0.0 38 664 665 NS 1 -34.738 19.862 0.0 -34.925 17.39 0.0 3.47 24.355 3.997 3.015 24.495 5.431 0.08 198.985 3.431 0.081 207.747 3.37 0.08 0.105 0.0 38 664 NS 1 -34.738 19.862 0.0 -34.925 17.39 0.0 3.47 24.355 3.997 3.015 24.495 5.431 0.08 198.985 3.431 0.081 207.747 3.37 0.08 0.105 0.0 38 664 NS 1 -34.738 19.862 0.0 -34.925 17.39 0.0 3.47 24.355 3.997 3.015 24.495 5.431 0.08 198.985 3.431 0.081 207.747 3.37 0.08 0.105 0.0 38 664 NS 1 -34.738 19.862 0.0 -34.925 17.39 0.0 3.47 24.355 3.997 3.015 24.495 5.431 0.08 198.985 3.431 0.081 207.747 3.37 0.0 38 664 NS 1 -34.738 19	0.08 0.152 0.0	0.0	0.08 0.191	1.726	182.943	0.08	1.923	195.629	0.08	3.864	25.713	-0.86	1.807	24.446	-2.627	0.0	19.066	-34.372	0.0	21.174	-34.663	1	NS	662	661	20
23 663 664 SN 1 -32.877 20.461 0.0 -34.803 21.015 0.0 -18.896 24.577 3.006 -26.258 25.568 3.719 0.08 129.669 0.88 0.08 202.017 0.734 0.08 5.244 0.02 24 663 664 NS 1 -34.574 21.058 0.0 -34.714 19.129 0.0 1.501 24.463 2.793 4.949 24.789 4.307 0.08 191.646 1.794 0.08 197.949 1.835 0.08 0.12 0.08 25 664 665 NS 1 -34.738 19.862 0.0 -34.925 17.39 0.0 3.47 24.355 3.997 3.015 24.495 5.431 0.08 198.985 3.431 0.081 207.747 3.37 0.08 0.105 0.08 26 26 27 27 27 27 27 27 27 27 27 27 27 27 27	0.08 0.118 0.0	0.0	0.08 0.149	1.133	198.16	0.08	1.219	208.251	0.08	4.633	25.472	1.756	4.091	24.477	-0.724	0.0	19.096	-34.719	0.0	20.631	-34.936	1	NS	663	662	21
24 663 664 NS 1 -34.574 21.058 0.0 -34.714 19.129 0.0 1.501 24.463 2.793 4.949 24.789 4.307 0.08 191.646 1.794 0.08 197.949 1.835 0.08 0.12 0.0 25 664 665 NS 1 -34.738 19.862 0.0 -34.925 17.39 0.0 3.47 24.355 3.997 3.015 24.495 5.431 0.08 198.985 3.431 0.081 207.747 3.37 0.08 0.105 0.0	05 0.08 5.477 0.003	0.005	0.08 8.331	1.203	157.698	0.08	1.122	190.756	0.08	1.833	25.552	-19.087	1.71	28.366	-20.924	0.0	20.699	-33.727	0.0	19.277	-34.553	1	SN	663	662	22
25 664 665 NS 1 -34.738 19.862 0.0 -34.925 17.39 0.0 3.47 24.355 3.997 3.015 24.495 5.431 0.08 198.985 3.431 0.081 207.747 3.37 0.08 0.105 0.0	0.08 28.302 0.082	0.021	0.08 5.244	0.734	202.017	0.08	0.88	129.669	0.08	3.719	25.568	-26.258	3.006	24.577	-18.896	0.0	21.015	-34.803	0.0	20.461	-32.877	1	SN	664	663	23
	0.08 0.097 0.0	0.0	0.08 0.12	1.835	197.949	0.08	1.794	191.646	0.08	4.307	24.789	4.949	2.793	24.463	1.501	0.0	19.129	-34.714	0.0	21.058	-34.574	1	NS	664	663	24
26 664 665 SN 1 -33 359 19 836 0.0 -33 987 19 947 0.0 3 863 25 111 7 501 4 301 25 713 12 252 0.08 144 907 1 851 0.08 167 422 1 918 0.08 0.102 0.0	0.08 0.108 0.0	0.0	0.08 0.105	3.37	207.747	0.081	3.431	198.985	0.08	5.431	24.495	3.015	3.997	24.355	3.47	0.0	17.39	-34.925	0.0	19.862	-34.738	1	NS	665	664	25
25 004 005 014 1 00.000 10.000 0.00 0.00 0.00 0.00	0.08 0.1 0.0	0.0	0.08 0.102	1.918	167.422	0.08	1.851	144.907	0.08	12.252	25.713	4.301	7.501	25.111	3.863	0.0	19.947	-33.987	0.0	19.836	-33.359	1	SN	665	664	26
27 665 666 SN 1 -33.048 19.87 0.0 -33.169 19.913 0.0 3.26 24.526 3.142 5.73 25.219 4.547 0.08 134.904 0.848 0.08 138.684 0.651 0.08 0.106 0.0	0.08 0.094 0.0	0.0	0.08 0.106	0.651	138.684	0.08	0.848	134.904	0.08	4.547	25.219	5.73	3.142	24.526	3.26	0.0	19.913	-33.169	0.0	19.87	-33.048	1	SN	666	665	27
28 665 666 NS 1 -34.685 19.137 0.0 -34.416 17.73 0.0 2.593 24.545 4.078 2.613 25.029 3.859 0.08 196.597 3.603 0.081 184.773 3.773 0.08 0.111 0.0	0.08 0.11 0.0	0.0	0.08 0.111	3.773	184.773	0.081	3.603	196.597	0.08	3.859	25.029	2.613	4.078	24.545	2.593	0.0	17.73	-34.416	0.0	19.137	-34.685	1	NS	666	665	28
29 666 667 NS 1 -34.851 21.733 0.0 -34.255 18.499 0.0 3.294 27.217 1.607 3.068 25.28 1.862 0.08 204.229 1.171 0.081 178.068 1.18 0.08 0.106 0.0	0.08 0.107 0.0	0.0	0.08 0.106	1.18	178.068	0.081	1.171	204.229	0.08	1.862	25.28	3.068	1.607	27.217	3.294	0.0	18.499	-34.255	0.0	21.733	-34.851	1	NS	667	666	29
30 666 667 SN 1 -34.892 19.839 0.0 -34.588 20.088 0.0 0.97 24.342 0.644 -0.041 24.485 0.431 0.08 206.216 0.964 0.08 192.259 0.854 0.08 0.126 0.06	0.08 0.139 0.0	0.0	0.08 0.126	0.854	192.259	0.08	0.964	206.216	0.08	0.431	24.485	-0.041	0.644	24.342	0.97	0.0	20.088	-34.588	0.0	19.839	-34.892	1	SN	667	666	30
31 667 668 SN 1 -34.532 19.961 0.0 -34.84 20.758 0.0 -2.118 24.432 0.619 3.1 24.463 0.328 0.08 189.805 3.175 0.08 203.711 2.959 0.08 0.178 0.0	0.08 0.107 0.0	0.0	0.08 0.178	2.959	203.711	0.08	3.175	189.805	0.08	0.328	24.463	3.1	0.619	24.432	-2.118	0.0	20.758	-34.84	0.0	19.961	-34.532	1	SN	668	667	31
32 667 668 NS 1 -34.793 18.796 0.0 -34.956 21.326 0.0 -23.844 24.672 0.144 -8.555 24.353 0.379 0.08 201.557 3.179 0.08 209.241 3.339 0.08 16.254 0.00	0.08 0.543 0.0	0.002	0.08 16.254	3.339	209.241	0.08	3.179	201.557	0.08	0.379	24.353	-8.555	0.144	24.672	-23.844	0.0	21.326	-34.956	0.0	18.796	-34.793	1	NS	668	667	32

Doromotor	Parameters	SNR	Кр	Normal	Deviations
Parameter Specifications	Min	-65.0	0.0		_
Opecinications	Max	22.0	1.0	Alarming	High Errors

33	668	669	SN	1	-34.973	20.19	0.0	-33.197	20.569	0.0	2.785	24.016	1.051	3.187	22.704	0.064	0.08	210.04	1.71	0.08	139.606	1.693	0.08	0.109	0.0	0.08	0.106	0.0
34	668	669	NS	1	-34.816	17.924	0.0	-34.755	17.69	0.0	-5.966	24.098	0.304	-25.408	24.058	0.499	0.081	202.642	3.502	0.081	199.771	4.235	0.08	0.329	0.0	0.08	23.274	0.014
35	669	670	NS	2	-34.408	17.803	0.0	-34.967	18.413	0.0	-10.211	23.866	0.213	-17.046	23.877	0.364	0.081	184.479	2.923	0.081	209.799	3.125	0.08	0.765	0.0	0.08	3.447	0.01
36	669	670	SN	1	-34.962	18.643	0.0	-34.489	18.846	0.0	1.377	24.154	1.99	2.643	23.849	1.773	0.08	209.576	1.52	0.08	187.937	1.24	0.08	0.121	0.0	0.08	0.11	0.0
37	670	671	NS	1	-33.614	18.451	0.0	-34.561	17.961	0.0	-13.196	24.564	0.248	-11.486	24.095	0.321	0.081	153.646	1.635	0.081	191.084	1.541	0.08	1.457	0.003	0.08	1.004	0.001
38	670	671	SN	1	-34.889	18.202	0.0	-34.807	19.279	0.0	2.641	24.27	1.817	3.398	24.056	2.62	0.081	206.077	2.379	0.08	202.195	2.029	0.08	0.11	0.0	0.08	0.105	0.0
39	671	672	NS	1	-34.546	18.521	0.0	-33.936	19.551	0.0	-22.688	23.293	0.167	-15.945	23.801	0.64	0.081	190.398	1.643	0.08	165.496	1.866	0.08	12.471	0.096	0.08	2.689	0.012
40	671	672	SN	2	-34.813	18.157	0.0	-34.898	19.324	0.0	1.382	23.764	1.092	3.933	24.212	0.278	0.081	202.491	3.406	0.08	206.477	3.498	0.08	0.121	0.0	0.08	0.102	0.0
41	672	673	NS	1	-34.97	20.373	0.0	-34.357	20.735	0.0	-0.772	24.785	2.067	-0.916	24.24	2.199	0.08	209.905	1.139	0.08	182.282	1.143	0.08	0.15	0.0	0.08	0.153	0.0
42	672	673	SN	1	-34.789	19.177	0.0	-34.759	20.179	0.0	1.3	24.844	2.479	2.103	25.698	2.402	0.08	201.384	3.025	0.08	200.027	2.846	0.08	0.122	0.0	0.08	0.115	0.0
43	673	674	NS	2	-34.419	20.397	0.0	-33.976	20.611	0.0	2.967	24.624	2.854	1.515	25.37	4.805	0.08	184.933	0.771	0.08	167.009	0.706	0.08	0.108	0.0	0.08	0.12	0.0
44	673	674	SN	1	-34.829	18.188	0.0	-34.993	20.402	0.0	-9.031	24.984	2.451	-5.196	25.694	2.584	0.081	203.239	3.115	0.08	211.065	3.015	0.08	0.598	0.0	0.08	0.287	0.0
45	674	675	NS	1	-34.403	20.893	0.0	-34.877	19.83	0.0	2.398	24.762	3.54	3.152	26.138	7.341	0.08	184.275	2.235	0.08	205.48	1.969	0.08	0.112	0.0	0.08	0.107	0.0
46	674	675	SN	1	-34.425	19.955	0.0	-34.269	20.456	0.0	-20.528	24.596	2.127	-5.844	25.897	2.315	0.08	185.214	4.411	0.08	178.661	4.438	0.08	7.609	0.023	0.08	0.322	0.0
47	675	676	NS	1	-34.253	19.853	0.0	-34.668	18.755	0.0	-0.758	24.61	2.015	-0.066	26.254	4.743	0.08	177.986	2.201	0.08	195.843	2.241	0.08	0.15	0.0	0.08	0.139	0.0
48	675	676	SN	2	-34.963	21.109	0.0	-34.454	21.046	0.0	-25.726	24.938	2.483	-29.354	26.055	2.184	0.08	209.611	4.645	0.08	186.43	4.488	0.08	25.04	0.037	0.08	57.663	0.02
49	675	676	SN	1	-34.963	21.109	0.0	-34.454	21.046	0.0	-25.726	24.938	2.483	-29.354	26.055	2.184	0.08	209.611	4.645	0.08	186.43	4.488	0.08	25.04	0.037	0.08	57.663	0.02
50	676	677	NS	4	-34.657	20.908	0.0	-34.574	19.155	0.0	-1.957	24.771	2.495	0.229	25.334	4.094	0.08	195.374	2.29	0.08	191.634	2.303	0.08	0.174	0.0	0.08	0.135	0.0
51	676	677	SN	1	-34.974	20.117	0.0	-33.687	21.839	0.0	-11.489	24.87	1.664	-4.415	25.872	1.88	0.08	210.135	2.258	0.08	156.238	2.334	0.08	1.004	0.001	0.08	0.251	0.0
52	676	677	NS	2	-34.657	20.908	0.0	-34.574	19.155	0.0	-1.957	24.771	2.495	0.229	25.334	4.094	0.08	195.374	2.29	0.08	191.634	2.303	0.08	0.174	0.0	0.08	0.135	0.0
53	676	677	SN	3	-34.974	20.117	0.0	-33.687	21.839	0.0	-11.489	24.87	1.664	-4.415	25.872	1.88	0.08	210.135	2.258	0.08	156.238	2.334	0.08	1.004	0.001	0.08	0.251	0.0
54	677	678	SN	1		19.141	0.0		20.37	0.0	-12.396		1.923	-27.909		2.143	0.08	199.554	1.419		190.603		0.08	1.223	0.003		41.353	0.003
55	677	678	NS	1		20.104			19.406			24.768	4.404		24.952		0.08	198.76	1.682		208.276		0.08	0.114	0.0		0.131	0.0
56	677	678	NS	1		20.104			19.406			24.768	4.339		24.952		0.08	198.76			208.276			0.114	0.0		0.131	0.0
57	678	679	NS	1		20.008			19.135		2.827	24.4	2.38		24.8	4.789		190.564			210.602			0.109	0.0		0.114	0.0
58	678	679	SN	2	-34.903				20.789		-28.223			-23.757			0.08	206.7	1.566		142.47			44.449			15.935	
59	678	679	SN	1		20.876			20.789		-28.223			-23.757			0.08		1.566		142.47			44.449				0.058
60	679	680	SN	1	-31.579		0.0	-29.699				24.678			25.973			96.194			62.427		0.08	0.105	0.0		0.098	0.0
61	679	680	NS	1	-34.521		0.0		16.573			24.658	4.99		24.929			189.341			182.526			0.104	0.0		0.105	0.0
62	679	680	NS	1	-34.521	19.329	0.0	-34.362	16.573	0.0	4.785	24.658	0.66	4.036	23.094	0.262	0.08	189.341	2.476	U.U81	182.526	2.472	0.08	0.098	0.0	0.08	0.101	0.0

Doromotor	Parameters	SNR	Кр
Parameter Specifications	Min	-65.0	0.0
Opcomodions	Max	22.0	1.0

Normal

Alarming

Deviations
High Errors