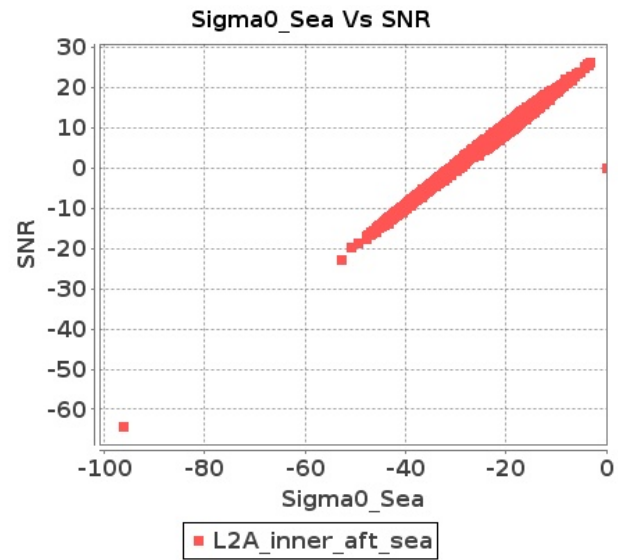


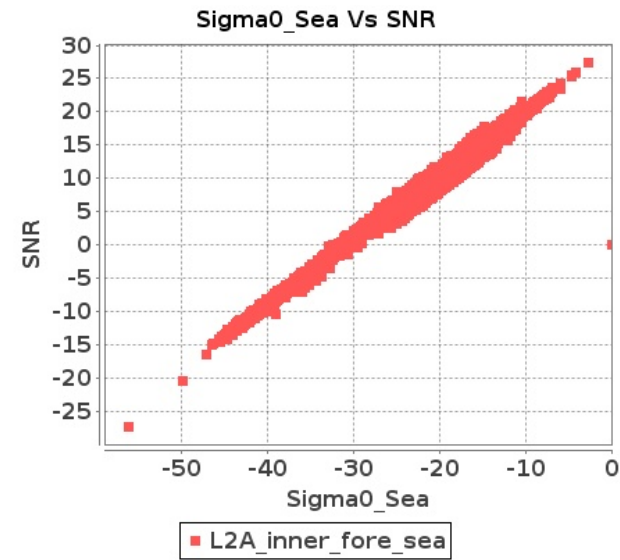
# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 19-JUN-2018 To 20-JUN-2018

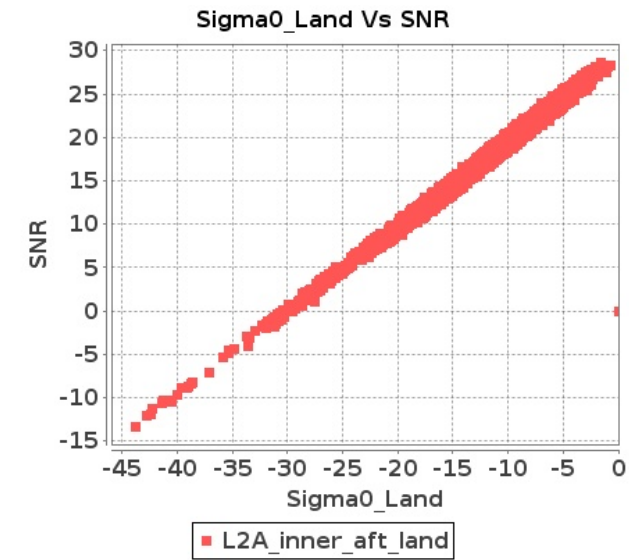
### Inner Sea Aft Sigma0VsSNR



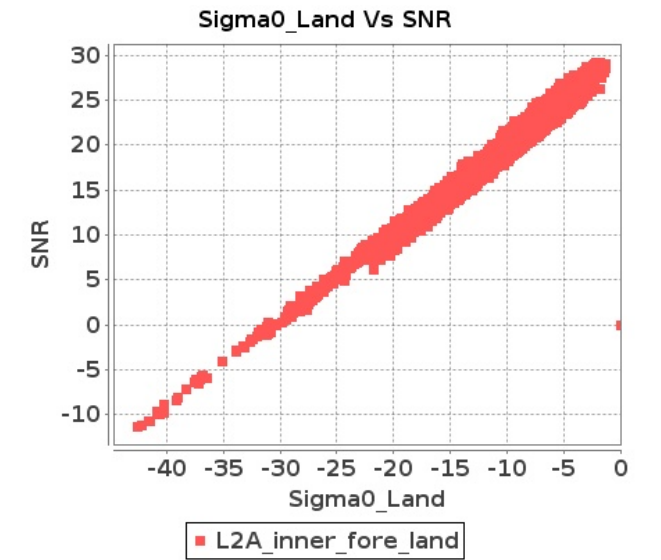
### Inner Sea Fore Sigma0VsSNR



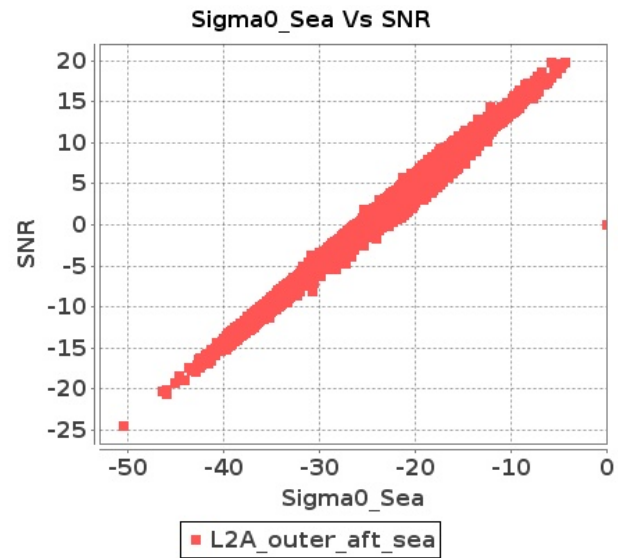
### Inner Land Aft Sigma0VsSNR



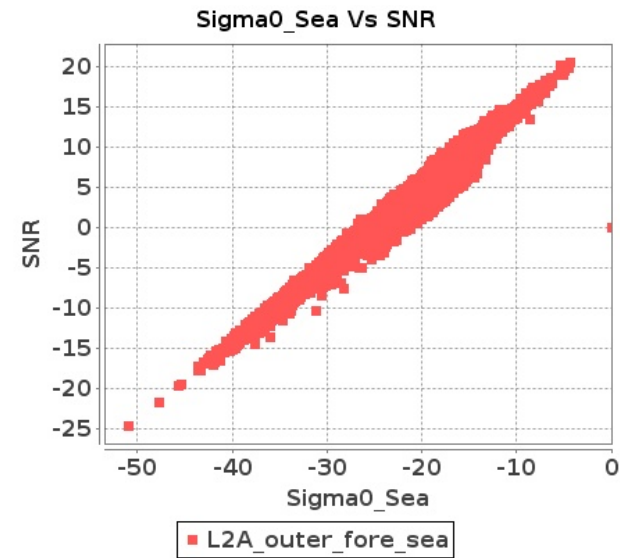
### Inner Land Fore Sigma0VsSNR



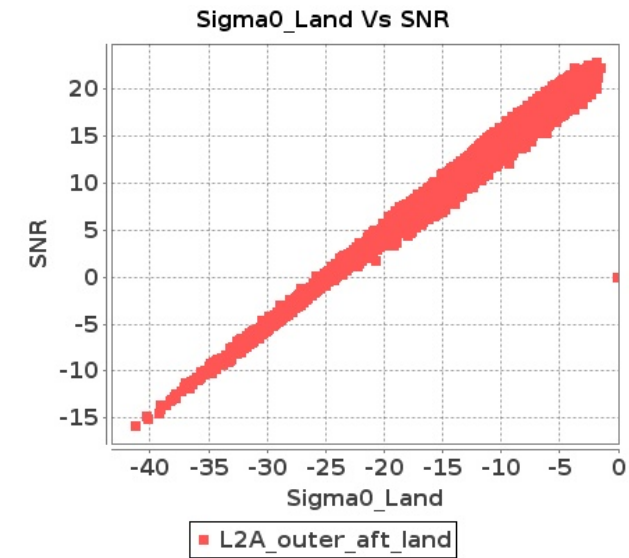
### Outer Sea Aft Sigma0VsSNR



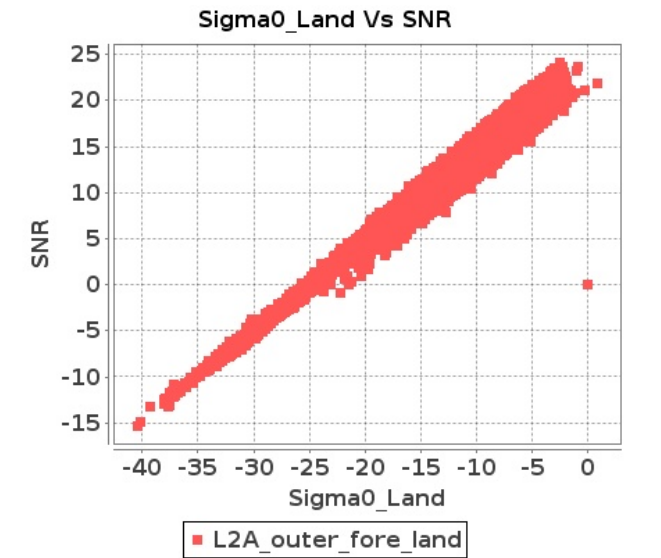
### Outer Sea Fore Sigma0VsSNR



### Outer Land Aft Sigma0VsSNR



### Outer Land Fore Sigma0VsSNR



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

Report between 19-JUN-2018 To 20-JUN-2018

Sr No	Start Orbit	End Orbit	Dir.	Ver.	SNR												Sigma0											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
					Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)
1	9146	9147	SN	1	0.0	49.946	4.349	0.0	44.434	4.965	0.0	46.217	4.217	0.0	45.367	5.255	0.0	49.529	4.429	0.0	43.911	4.844	0.0	44.105	4.16	0.0	46.047	4.956
2	9146	9147	SN	1	0.0	48.775	4.399	0.0	51.24	4.975	0.0	46.068	4.309	0.0	45.533	5.163	0.0	50.585	4.469	0.0	52.053	4.864	0.0	45.116	4.238	0.0	46.047	4.963
3	9146	9147	SN	1	0.0	42.193	1.243	0.0	49.366	1.552	0.0	40.132	1.22	0.0	43.811	1.655	0.0	43.349	1.266	0.0	48.603	1.495	0.0	41.07	1.142	0.0	45.118	1.502
4	9146	9147	SN	1	0.0	48.775	4.602	0.0	51.24	5.201	0.0	46.068	4.459	0.0	45.533	5.36	0.0	50.585	4.728	0.0	52.053	5.095	0.0	45.116	4.4	0.0	46.047	5.166
5	9146	9147	SN	1	0.0	42.538	1.234	0.0	51.424	1.574	0.0	42.541	1.236	0.0	39.204	1.649	0.0	43.694	1.237	0.0	47.611	1.507	0.0	43.866	1.153	0.0	38.377	1.498
6	9146	9147	SN	1	0.0	42.538	1.275	0.0	51.424	1.65	0.0	42.541	1.268	0.0	39.204	1.717	0.0	43.694	1.294	0.0	47.611	1.574	0.0	43.866	1.21	0.0	38.377	1.57
7	9147	9148	SN	1	0.0	48.774	4.972	0.0	47.372	6.136	0.0	52.145	4.5	0.0	45.92	5.776	0.0	50.661	5.193	0.0	48.504	6.015	0.0	50.766	4.698	0.0	43.346	5.84
8	9147	9148	SN	1	0.0	45.913	1.385	0.0	42.51	1.977	0.0	41.701	1.389	0.0	41.433	1.929	0.0	47.158	1.432	0.0	43.239	1.924	0.0	38.57	1.387	0.0	39.497	1.845
9	9147	9148	SN	1	0.0	45.913	1.369	0.0	42.51	1.954	0.0	41.701	1.373	0.0	41.433	1.907	0.0	47.158	1.417	0.0	43.239	1.902	0.0	38.57	1.372	0.0	39.497	1.824
10	9147	9148	SN	1	0.0	48.867	5.058	0.0	47.372	6.173	0.0	46.747	4.515	0.0	47.363	5.757	0.0	50.753	5.271	0.0	48.504	6.102	0.0	49.304	4.722	0.0	42.828	5.894
11	9147	9148	NS	1	0.0	50.584	3.598	0.0	50.754	3.716	0.0	44.176	2.862	0.0	44.119	3.242	0.0	51.242	3.609	0.0	52.245	3.535	0.0	44.233	2.62	0.0	42.007	2.866
12	9147	9148	SN	1	0.0	47.382	1.356	0.0	42.32	1.97	0.0	41.467	1.377	0.0	39.349	1.914	0.0	47.158	1.401	0.0	43.05	1.916	0.0	38.337	1.391	0.0	39.107	1.845
13	9147	9148	SN	1	0.0	48.867	5.002	0.0	47.372	6.095	0.0	46.747	4.465	0.0	47.363	5.683	0.0	50.753	5.213	0.0	48.504	6.025	0.0	49.304	4.67	0.0	42.828	5.819
14	9147	9148	NS	1	0.0	48.102	0.909	0.0	48.321	0.954	0.0	42.508	0.735	0.0	47.691	0.976	0.0	49.364	0.922	0.0	48.383	0.93	0.0	44.29	0.739	0.0	46.827	0.824
15	9148	9149	SN	1	0.0	43.551	0.741	0.0	46.668	0.903	0.0	36.613	0.96	0.0	41.136	1.386	0.0	44.209	0.669	0.0	46.548	0.823	0.0	37.874	0.902	0.0	38.547	1.098
16	9148	9149	SN	1	0.0	46.119	2.557	0.0	45.284	2.752	0.0	41.89	2.871	0.0	40.607	3.862	0.0	47.87	2.537	0.0	44.874	2.396	0.0	43.333	2.756	0.0	40.675	3.422
17	9148	9149	SN	1	0.0	45.265	2.476	0.0	45.352	2.722	0.0	46.175	2.914	0.0	40.599	3.847	0.0	47.014	2.455	0.0	44.94	2.334	0.0	44.474	2.764	0.0	40.668	3.465
18	9148	9149	SN	1	0.0	43.91	0.751	0.0	46.283	0.923	0.0	34.565	0.988	0.0	41.057	1.401	0.0	43.079	0.68	0.0	46.163	0.836	0.0	34.116	0.943	0.0	36.549	1.142
19	9148	9149	SN	1	0.0	43.551	0.746	0.0	46.668	0.912	0.0	36.613	0.972	0.0	41.136	1.401	0.0	44.209	0.678	0.0	46.548	0.832	0.0	37.874	0.913	0.0	38.547	1.11
20	9148	9149	SN	1	0.0	46.119	2.531	0.0	45.284	2.725	0.0	41.89	2.842	0.0	40.607	3.822	0.0	47.87	2.531	0.0	44.874	2.371	0.0	43.333	2.721	0.0	40.675	3.387
21	9148	9149	NS	1	0.0	47.105	0.303	0.0	40.634	0.521	0.0	41.22	0.478	0.0	39.006	0.736	0.0	47.639	0.294	0.0	39.07	0.489	0.0	40.122	0.423	0.0	42.301	0.552
22	9148	9149	NS	1	0.0	47.926	1.482	0.0	35.021	1.737	0.0	43.095	1.716	0.0	47.541	2.398	0.0	48.529	1.492	0.0	34.601	1.617	0.0	40.235	1.523	0.0	46.435	1.929
23	9148	9149	NS	1	0.0	39.855	1.481	0.0	37.479	1.918	0.0	43.585	1.737	0.0	46.02	2.306	0.0	40.422	1.491	0.0	37.575	1.727	0.0	40.235	1.601	0.0	44.747	1.901
24	9148	9149	NS	1	0.0	37.462	0.348	0.0	38.694	0.503	0.0	37.7	0.503	0.0	43.536	0.708	0.0	38.576	0.332	0.0	36.445	0.397	0.0	36.784	0.403	0.0	39.209	0.567
25	9149	9150	SN	1	0.0	39.411	3.845	0.0	47.281	5.466	0.0	43.096	4.137	0.0	43.506	5.764	0.0	40.689	3.906	0.0	50.075	5.103	0.0	42.267	3.96	0.0	44.052	5.251
26	9149	9150	SN	1	0.0	39.411	3.845	0.0	47.281	5.466	0.0	43.096	4.137	0.0	43.506	5.764	0.0	40.689	3.906	0.0	50.075	5.103	0.0	42.267	3.96	0.0	44.052	5.251
27	9149	9150	SN	1	0.0	40.685	0.995	0.0	41.54	1.684	0.0	36.325	1.359	0.0	39.871	2.098	0.0	40.343	1.002	0.0	39.976	1.479	0.0	34.361	1.29	0.0	35.798	1.885
28	9149	9150	SN	1	0.0	39.854	3.861	0.0	50.226	5.369	0.0	44.586	4.29	0.0	40.095	5.753	0.0	40.689	3.912	0.0	53.18	4.999	0.0	45.09	4.074	0.0	39.063	5.224
29	9149	9150	NS	1	0.0	48.279	2.772	0.0	49.385	3.043	0.0	46.699	3.056	0.0	44.094	3.802	0.0	48.59	2.672	0.0	49.834	2.842	0.0	47.072	2.871	0.0	42.649	3.171
30	9149	9150	SN	1	0.0	37.286	0.996	0.0	41.54	1.685	0.0	36.325	1.397	0.0	39.871	2.083	0.0	37.209	0.999	0.0	40.429	1.464	0.0	34.361	1.314	0.0	35.68	1.862
31	9149	9150	NS	1	0.0	48.279	2.772	0.0	49.385	3.043	0.0	46.699	3.056	0.0	44.094	3.802	0.0	48.59	2.672	0.0	49.834	2.842	0.0	47.072	2.885	0.0	42.649	3.171

Parameter Specifications	Parameters	SNR	Sigma0	<span style="color: green;">■</span> Normal	<span style="color: yellow;">■</span> Deviations
	Range	20.0	20.0	<span style="color: orange;">■</span> Alarming	<span style="color: red;">■</span> High Errors







140	9167	9168	SN	1	0.0	56.557	7.014	0.0	52.799	8.484	0.0	49.082	5.372	0.0	49.26	6.921	0.0	55.679	7.164	0.0	51.931	8.141	0.0	47.288	5.4	0.0	47.186	6.636
141	9167	9168	SN	1	0.0	54.606	7.004	0.0	52.991	8.474	0.0	49.617	5.358	0.0	49.26	6.914	0.0	53.74	7.144	0.0	52.122	8.151	0.0	47.822	5.386	0.0	47.187	6.607
142	9167	9168	NS	1	0.0	47.68	4.344	0.0	47.829	5.718	0.0	47.137	4.462	0.0	42.17	5.673	0.0	48.195	4.254	0.0	47.404	5.256	0.0	49.781	4.227	0.0	41.338	4.913
143	9167	9168	NS	1	0.0	43.788	4.566	0.0	52.34	5.756	0.0	41.865	4.506	0.0	40.978	5.416	0.0	43.887	4.485	0.0	52.747	5.324	0.0	43.626	4.371	0.0	41.657	4.663
144	9167	9168	SN	1	0.0	55.732	1.87	0.0	60.268	2.413	0.0	42.547	1.505	0.0	40.852	2.18	0.0	55.522	1.872	0.0	58.154	2.28	0.0	42.532	1.475	0.0	40.743	1.979
145	9168	9169	NS	1	0.0	49.11	2.812	0.0	54.414	3.133	0.0	52.276	3.204	0.0	44.892	3.781	0.0	49.485	2.802	0.0	54.551	2.851	0.0	49.42	2.87	0.0	43.222	3.036
146	9168	9169	SN	1	0.0	43.981	2.774	0.0	50.044	3.918	0.0	42.943	2.891	0.0	42.723	4.022	0.0	44.854	2.774	0.0	51.821	3.766	0.0	43.011	2.657	0.0	42.838	3.579
147	9168	9169	NS	1	0.0	49.119	2.812	0.0	54.414	3.163	0.0	43.435	3.154	0.0	44.892	3.76	0.0	49.493	2.792	0.0	54.551	2.831	0.0	42.956	2.87	0.0	43.222	3.029
148	9168	9169	NS	1	0.0	50.174	0.782	0.0	42.914	1.031	0.0	41.178	0.951	0.0	43.547	1.172	0.0	50.461	0.769	0.0	45.11	0.948	0.0	41.833	0.86	0.0	40.502	0.919
149	9168	9169	NS	1	0.0	50.174	0.787	0.0	42.918	1.02	0.0	37.694	0.954	0.0	43.547	1.174	0.0	50.461	0.767	0.0	45.115	0.952	0.0	36.764	0.86	0.0	40.502	0.919
150	9168	9169	SN	1	0.0	43.658	0.799	0.0	40.943	1.238	0.0	45.53	0.799	0.0	42.956	1.206	0.0	43.629	0.791	0.0	43.034	1.166	0.0	46.977	0.765	0.0	42.147	1.01
151	9168	9169	SN	1	0.0	45.924	0.808	0.0	44.513	1.282	0.0	47.85	0.755	0.0	45.254	1.243	0.0	46.073	0.777	0.0	46.498	1.218	0.0	49.297	0.691	0.0	43.566	1.058
152	9168	9169	SN	1	0.0	43.981	2.672	0.0	50.044	3.744	0.0	42.943	2.943	0.0	42.723	3.804	0.0	44.854	2.672	0.0	51.821	3.545	0.0	43.011	2.709	0.0	42.838	3.374
153	9168	9169	SN	1	0.0	43.658	0.799	0.0	40.943	1.302	0.0	45.53	0.762	0.0	42.956	1.247	0.0	43.629	0.79	0.0	43.034	1.218	0.0	46.977	0.728	0.0	42.147	1.083
154	9168	9169	SN	1	0.0	44.857	2.754	0.0	50.237	3.959	0.0	42.638	2.884	0.0	51.518	4.007	0.0	45.221	2.764	0.0	52.015	3.766	0.0	43.026	2.636	0.0	50.918	3.586
155	9169	9170	SN	1	0.0	43.492	1.919	0.0	53.022	3.19	0.0	41.877	2.211	0.0	42.733	3.088	0.0	43.841	1.929	0.0	55.541	2.887	0.0	39.987	2.154	0.0	39.617	2.638
156	9169	9170	NS	1	0.0	55.178	8.782	0.0	53.334	10.328	0.0	50.015	7.242	0.0	44.349	8.896	0.0	56.015	8.853	0.0	53.378	9.996	0.0	49.49	7.27	0.0	43.992	8.682
157	9169	9170	SN	1	0.0	39.397	0.55	0.0	43.237	0.921	0.0	39.942	0.628	0.0	49.487	1.033	0.0	38.387	0.534	0.0	42.652	0.817	0.0	36.365	0.633	0.0	45.354	0.926
158	9169	9170	NS	1	0.0	51.13	2.429	0.0	51.173	3.06	0.0	46.541	2.054	0.0	45.335	2.648	0.0	51.981	2.454	0.0	51.226	2.96	0.0	46.001	1.993	0.0	43.733	2.513
159	9170	9171	NS	1	0.0	55.039	3.668	0.0	56.961	4.298	0.0	41.388	2.897	0.0	50.627	3.479	0.0	54.758	3.688	0.0	56.282	4.238	0.0	40.521	2.791	0.0	48.59	2.996
160	9170	9171	NS	1	0.0	46.512	0.915	0.0	48.624	1.334	0.0	42.518	0.822	0.0	45.463	1.089	0.0	47.013	0.924	0.0	46.393	1.2	0.0	43.938	0.748	0.0	43.269	0.981

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

Sr No	Start Orbit	End Orbit	Dir.	Ver.	Azimuth Angle												Incidence Angle											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
					Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)
1	9146	9147	SN	1	0.0	32.417	12.484	0.0	262.87	12.513	0.0	138.653	9.822	0.0	273.266	12.5	0.0	1.406	0.0	1.786	0.0	0.0	1.862	0.0	0.0	2.141	0.0	
2	9146	9147	SN	1	0.0	32.423	12.494	0.0	38.845	12.482	0.0	138.62	9.822	0.0	76.052	12.486	0.0	1.406	0.0	1.786	0.0	0.0	1.862	0.0	0.0	2.141	0.0	
3	9146	9147	SN	1	0.0	23.273	5.859	0.0	165.431	7.617	0.0	163.591	2.652	0.0	264.943	3.693	0.0	1.401	0.0	1.784	0.0	0.0	1.853	0.0	0.0	2.138	0.0	
4	9146	9147	SN	1	0.0	32.423	12.66	0.0	38.845	11.924	0.0	138.62	9.884	0.0	47.095	11.67	0.0	1.406	0.0	1.783	0.0	0.0	1.862	0.0	0.0	2.135	0.0	
5	9146	9147	SN	1	0.0	23.273	5.865	0.0	225.622	7.623	0.0	163.542	2.65	0.0	67.928	3.693	0.0	1.401	0.0	1.784	0.0	0.0	1.852	0.0	0.0	2.138	0.0	
6	9146	9147	SN	1	0.0	23.273	5.815	0.0	225.622	7.456	0.0	163.542	2.632	0.0	39.38	3.468	0.0	1.401	0.0	1.778	0.0	0.0	1.852	0.0	0.0	2.132	0.0	
7	9147	9148	SN	1	0.0	32.406	12.475	0.0	142.797	12.534	0.0	139.182	9.687	0.0	70.443	12.443	0.0	1.414	0.0	1.786	0.0	0.0	1.873	0.0	0.0	2.141	0.0	
8	9147	9148	SN	1	0.0	23.284	5.85	0.0	25.54	7.627	0.0	171.312	2.551	0.0	17.052	3.488	0.0	1.404	0.0	1.782	0.0	0.0	1.849	0.0	0.0	2.136	0.0	
9	9147	9148	SN	1	0.0	23.284	5.86	0.0	25.54	7.66	0.0	171.312	2.547	0.0	69.836	3.572	0.0	1.404	0.0	1.784	0.0	0.0	1.849	0.0	0.0	2.136	0.0	
10	9147	9148	SN	1	0.0	32.406	12.513	0.0	142.797	12.316	0.0	139.182	9.71	0.0	24.481	12.15	0.0	1.414	0.0	1.785	0.0	0.0	1.873	0.0	0.0	2.141	0.0	
11	9147	9148	NS	1	0.0	236.558	9.566	0.0	32.665	14.472	0.0	164.471	10.486	0.0	73.063	12.264	0.0	1.425	0.0	1.818	0.0	0.0	1.887	0.0	0.0	2.176	0.0	
12	9147	9148	SN	1	0.0	23.284	5.86	0.0	25.54	7.66	0.0	171.312	2.543	0.0	69.836	3.572	0.0	1.404	0.0	1.784	0.0	0.0	1.849	0.0	0.0	2.136	0.0	
13	9147	9148	SN	1	0.0	32.406	12.475	0.0	142.797	12.534	0.0	139.182	9.687	0.0	70.443	12.443	0.0	1.414	0.0	1.786	0.0	0.0	1.873	0.0	0.0	2.141	0.0	
14	9147	9148	NS	1	0.0	80.577	5.635	0.0	24.531	7.272	0.0	161.344	3.112	0.0	51.499	3.581	0.0	1.41	0.0	1.813	0.0	0.0	1.892	0.0	0.0	2.173	0.0	
15	9148	9149	SN	1	0.0	23.262	5.919	0.0	25.545	7.68	0.0	124.501	2.866	0.0	71.364	3.89	0.0	1.403	0.0	1.784	0.0	0.0	1.84	0.0	0.0	2.136	0.0	
16	9148	9149	SN	1	0.0	32.428	12.551	0.0	24.586	12.294	0.0	129.332	10.002	0.0	25.568	12.464	0.0	1.412	0.0	1.786	0.0	0.0	1.874	0.0	0.0	2.142	0.0	
17	9148	9149	SN	1	0.0	32.423	12.551	0.0	132.611	12.304	0.0	129.332	10.016	0.0	25.568	12.457	0.0	1.412	0.0	1.786	0.0	0.0	1.874	0.0	0.0	2.142	0.0	
18	9148	9149	SN	1	0.0	23.262	5.901	0.0	46.891	7.647	0.0	124.501	2.867	0.0	17.063	3.81	0.0	1.403	0.0	1.782	0.0	0.0	1.836	0.0	0.0	2.136	0.0	
19	9148	9149	SN	1	0.0	23.262	5.904	0.0	25.545	7.647	0.0	124.501	2.867	0.0	17.069	3.814	0.0	1.403	0.0	1.782	0.0	0.0	1.836	0.0	0.0	2.136	0.0	
20	9148	9149	SN	1	0.0	32.428	12.504	0.0	24.586	12.482	0.0	129.332	9.985	0.0	78.368	12.671	0.0	1.412	0.0	1.786	0.0	0.0	1.874	0.0	0.0	2.142	0.0	
21	9148	9149	NS	1	0.0	25.545	5.554	0.0	24.525	7.205	0.0	171.536	3.142	0.0	69.71	3.577	0.0	1.441	0.0	1.813	0.0	0.0	1.893	0.0	0.0	2.174	0.0	
22	9148	9149	NS	1	0.0	23.268	9.536	0.0	36.581	14.429	0.0	354.832	10.458	0.0	74.772	12.286	0.0	1.406	0.0	1.817	0.0	0.0	1.887	0.0	0.0	2.174	0.0	
23	9148	9149	NS	1	0.0	23.268	9.583	0.0	32.671	14.332	0.0	353.332	10.455	0.0	68.756	12.273	0.0	1.414	0.0	1.816	0.0	0.0	1.89	0.0	0.0	2.176	0.0	
24	9148	9149	NS	1	0.0	25.529	5.552	0.0	24.531	7.238	0.0	228.18	3.126	0.0	52.795	3.559	0.0	1.429	0.0	1.813	0.0	0.0	1.893	0.0	0.0	2.173	0.0	
25	9149	9150	SN	1	0.0	32.362	12.51	0.0	40.273	12.424	0.0	144.019	10.01	0.0	76.785	12.583	0.0	1.412	0.0	1.783	0.0	0.0	1.824	0.0	0.0	2.142	0.0	
26	9149	9150	SN	1	0.0	32.362	12.51	0.0	40.273	12.424	0.0	144.019	10.01	0.0	76.785	12.583	0.0	1.412	0.0	1.783	0.0	0.0	1.824	0.0	0.0	2.142	0.0	
27	9149	9150	SN	1	0.0	28.248	5.898	0.0	74.701	7.712	0.0	135.608	2.829	0.0	57.273	3.992	0.0	1.404	0.0	1.783	0.0	0.0	1.852	0.0	0.0	2.137	0.0	
28	9149	9150	SN	1	0.0	32.362	12.584	0.0	40.273	12.145	0.0	144.019	10.051	0.0	21.757	12.24	0.0	1.412	0.0	1.783	0.0	0.0	1.824	0.0	0.0	2.142	0.0	
29	9149	9150	NS	1	0.0	206.622	9.608	0.0	32.709	14.37	0.0	353.586	10.343	0.0	70.289	12.209	0.0	1.422	0.0	1.816	0.0	0.0	1.885	0.0	0.0	2.177	0.0	
30	9149	9150	SN	1	0.0	28.248	5.868	0.0	74.701	7.651	0.0	135.608	2.812	0.0	16.131	3.877	0.0	1.404	0.0	1.781	0.0	0.0	1.852	0.0	0.0	2.137	0.0	
31	9149	9150	NS	1	0.0	206.622	9.608	0.0	32.709	14.37	0.0	353.586	10.343	0.0	70.289	12.209	0.0	1.422	0.0	1.816	0.0	0.0	1.885	0.0	0.0	2.177	0.0	

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle	Normal	Deviations
	Range	10.0	3.0	Alarming	High Errors





69	9153	9154	SN	1	0.0	32.224	12.554	0.0	24.591	12.486	0.0	133.386	9.804	0.0	261.381	12.438	0.0	1.414	0.0	0.0	1.785	0.0	0.0	1.838	0.0	0.0	2.141	0.0
70	9153	9154	SN	1	0.0	32.224	12.876	0.0	22.992	11.66	0.0	133.386	9.81	0.0	261.381	11.198	0.0	1.414	0.0	0.0	1.778	0.0	0.0	1.838	0.0	0.0	2.136	0.0
71	9153	9154	SN	1	0.0	32.224	12.554	0.0	24.591	12.496	0.0	133.386	9.804	0.0	261.381	12.438	0.0	1.414	0.0	0.0	1.785	0.0	0.0	1.838	0.0	0.0	2.141	0.0
72	9153	9154	NS	1	0.0	166.628	9.577	0.0	32.737	14.436	0.0	355.059	10.357	0.0	75.776	12.143	0.0	1.421	0.0	0.0	1.816	0.0	0.0	1.884	0.0	0.0	2.17	0.0
73	9153	9154	SN	1	0.0	23.268	5.882	0.0	25.523	7.689	0.0	130.38	2.573	0.0	218.606	3.672	0.0	1.404	0.0	0.0	1.784	0.0	0.0	1.841	0.0	0.0	2.139	0.0
74	9153	9154	SN	1	0.0	23.268	5.882	0.0	25.523	7.689	0.0	130.38	2.573	0.0	218.606	3.672	0.0	1.404	0.0	0.0	1.784	0.0	0.0	1.841	0.0	0.0	2.139	0.0
75	9154	9155	NS	1	0.0	194.793	9.598	0.0	36.912	14.441	0.0	168.409	10.379	0.0	72.142	12.165	0.0	1.425	0.0	0.0	1.816	0.0	0.0	1.886	0.0	0.0	2.173	0.0
76	9154	9155	NS	1	0.0	258.993	5.53	0.0	24.52	7.231	0.0	137.575	3.096	0.0	51.863	3.521	0.0	1.441	0.0	0.0	1.813	0.0	0.0	1.893	0.0	0.0	2.173	0.0
77	9154	9155	SN	1	0.0	23.29	5.79	0.0	25.529	7.601	0.0	135.322	2.568	0.0	239.552	3.667	0.0	1.404	0.0	0.0	1.783	0.0	0.0	1.851	0.0	0.0	2.137	0.0
78	9154	9155	NS	1	0.0	194.798	9.618	0.0	36.906	14.421	0.0	168.409	10.379	0.0	72.131	12.165	0.0	1.425	0.0	0.0	1.816	0.0	0.0	1.886	0.0	0.0	2.173	0.0
79	9154	9155	SN	1	0.0	32.318	12.455	0.0	24.586	12.504	0.0	145.044	9.618	0.0	193.825	12.33	0.0	1.414	0.0	0.0	1.786	0.0	0.0	1.825	0.0	0.0	2.141	0.0
80	9154	9155	NS	1	0.0	258.993	5.53	0.0	24.525	7.236	0.0	137.575	3.094	0.0	51.869	3.528	0.0	1.426	0.0	0.0	1.813	0.0	0.0	1.893	0.0	0.0	2.173	0.0
81	9155	9156	SN	1	0.0	23.273	5.898	0.0	265.401	7.716	0.0	125.902	2.667	0.0	142.13	3.865	0.0	1.404	0.0	0.0	1.783	0.0	0.0	1.85	0.0	0.0	2.137	0.0
82	9155	9156	SN	1	0.0	32.373	12.587	0.0	180.503	12.534	0.0	138.316	9.914	0.0	184.165	12.635	0.0	1.413	0.0	0.0	1.786	0.0	0.0	1.835	0.0	0.0	2.141	0.0
83	9155	9156	NS	1	0.0	167.709	9.604	0.0	32.621	14.332	0.0	354.854	10.327	0.0	67.713	12.087	0.0	1.421	0.0	0.0	1.814	0.0	0.0	1.883	0.0	0.0	2.175	0.0
84	9155	9156	NS	1	0.0	122.469	5.505	0.0	24.525	7.23	0.0	351.81	3.077	0.0	29.538	3.513	0.0	1.444	0.0	0.0	1.812	0.0	0.0	1.892	0.0	0.0	2.172	0.0
85	9156	9157	NS	1	0.0	200.837	9.554	0.0	32.632	14.372	0.0	354.948	10.277	0.0	68.849	12.043	0.0	1.415	0.0	0.0	1.814	0.0	0.0	1.882	0.0	0.0	2.174	0.0
86	9156	9157	NS	1	0.0	166.677	5.514	0.0	24.52	7.234	0.0	135.501	3.058	0.0	22.214	3.41	0.0	1.439	0.0	0.0	1.812	0.0	0.0	1.892	0.0	0.0	2.172	0.0
87	9161	9162	SN	1	0.0	23.279	5.9	0.0	133.259	7.753	0.0	163.354	2.717	0.0	154.55	3.917	0.0	1.405	0.0	0.0	1.784	0.0	0.0	1.853	0.0	0.0	2.137	0.0
88	9161	9162	SN	1	0.0	23.279	5.88	0.0	133.259	7.688	0.0	163.354	2.71	0.0	154.55	3.795	0.0	1.405	0.0	0.0	1.78	0.0	0.0	1.853	0.0	0.0	2.137	0.0
89	9161	9162	NS	1	0.0	194.782	9.587	0.0	36.421	14.419	0.0	169.313	10.316	0.0	71.066	12.179	0.0	1.425	0.0	0.0	1.815	0.0	0.0	1.885	0.0	0.0	2.173	0.0
90	9161	9162	SN	1	0.0	32.351	12.578	0.0	135.81	12.535	0.0	142.177	10.055	0.0	172.859	12.586	0.0	1.415	0.0	0.0	1.787	0.0	0.0	1.861	0.0	0.0	2.141	0.0
91	9161	9162	SN	1	0.0	32.351	12.578	0.0	135.81	12.535	0.0	142.177	10.048	0.0	172.859	12.586	0.0	1.415	0.0	0.0	1.787	0.0	0.0	1.861	0.0	0.0	2.141	0.0
92	9161	9162	NS	1	0.0	93.17	5.503	0.0	24.531	7.252	0.0	174.906	3.079	0.0	51.085	3.498	0.0	1.44	0.0	0.0	1.812	0.0	0.0	1.892	0.0	0.0	2.17	0.0
93	9161	9162	SN	1	0.0	23.279	5.9	0.0	133.259	7.753	0.0	163.354	2.718	0.0	154.55	3.917	0.0	1.405	0.0	0.0	1.784	0.0	0.0	1.853	0.0	0.0	2.137	0.0
94	9161	9162	SN	1	0.783	32.351	12.659	0.0	135.81	12.257	0.0	142.177	10.084	0.0	172.859	12.228	0.003	1.415	0.0	0.0	1.787	0.0	0.0	1.861	0.0	0.0	2.141	0.0
95	9162	9163	SN	1	0.0	32.257	12.658	0.0	266.151	12.388	0.0	139.491	10.039	0.0	239.861	12.305	0.0	1.41	0.0	0.0	1.786	0.0	0.0	1.855	0.0	0.0	2.142	0.0
96	9162	9163	NS	1	0.0	23.257	9.567	0.0	32.781	14.378	0.0	354.81	10.253	0.0	72.792	12.114	0.0	1.423	0.0	0.0	1.816	0.0	0.0	1.884	0.0	0.0	2.173	0.0
97	9162	9163	NS	1	0.0	23.251	9.594	0.0	32.676	14.329	0.0	353.233	10.235	0.0	67.101	12.11	0.0	1.409	0.0	0.0	1.814	0.0	0.0	1.881	0.0	0.0	2.175	0.0
98	9162	9163	SN	1	0.0	32.257	12.637	0.0	217.658	12.545	0.0	139.491	10.019	0.0	239.861	12.521	0.0	1.41	0.0	0.0	1.786	0.0	0.0	1.855	0.0	0.0	2.142	0.0
99	9162	9163	SN	1	0.0	23.306	5.89	0.0	236.21	7.753	0.0	126.851	2.758	0.0	281.18	3.789	0.0	1.404	0.0	0.0	1.781	0.0	0.0	1.849	0.0	0.0	2.138	0.0
100	9162	9163	NS	1	0.0	25.545	5.477	0.0	24.503	7.225	0.0	154.941	3.04	0.0	62.038	3.475	0.0	1.437	0.0	0.0	1.812	0.0	0.0	1.888	0.0	0.0	2.172	0.0
101	9162	9163	NS	1	0.0	25.545	5.478	0.0	24.503	7.198	0.0	158.134	3.054	0.0	45.195	3.484	0.0	1.443	0.0	0.0	1.812	0.0	0.0	1.888	0.0	0.0	2.172	0.0
102	9162	9163	SN	1	0.0	23.306	5.893	0.0	236.21	7.753	0.0	126.851	2.76	0.0	281.18	3.789	0.0	1.404	0.0	0.0	1.781	0.0	0.0	1.849	0.0	0.0	2.138	0.0
103	9162	9163	SN	1	0.0	32.257	12.658	0.0	266.151	12.388	0.0	139.491	10.039	0.0	239.861	12.305	0.0	1.41	0.0	0.0	1.786	0.0	0.0	1.855	0.0	0.0	2.142	0.0
104	9162	9163	SN	1	0.0	23.306	5.907	0.0	159.932	7.782	0.0	126.851	2.752	0.0	281.18	3.853	0.0	1.404	0.0	0.0	1.784	0.0	0.0	1.849	0.0	0.0	2.138	0.0
105	9163	9164	SN	1	0.0	23.279	5.917	0.0	25.512	7.765	0.0	120.938	2.825	0.0	41.933	3.953	0.0	1.403	0.0	0.0	1.782	0.0	0.0	1.853	0.0	0.0	2.138	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle	Normal	Deviations
	Range	10.0	3.0	Alarming	High Errors

106	9163	9164	SN	1	0.0	32.318	12.648	0.0	24.591	12.288	0.0	147.741	10.192	0.0	207.551	12.414	0.0	1.406	0.0	0.0	1.785	0.0	0.0	1.872	0.0	0.0	2.142	0.0
107	9163	9164	SN	1	0.0	23.279	5.936	0.0	25.512	7.805	0.0	120.938	2.831	0.0	61.106	4.043	0.0	1.403	0.0	0.0	1.783	0.0	0.0	1.853	0.0	0.0	2.138	0.0
108	9163	9164	NS	1	0.0	211.906	9.606	0.0	32.649	14.299	0.0	353.547	10.144	0.0	74.381	11.982	0.0	1.413	0.0	0.0	1.813	0.0	0.0	1.883	0.0	0.0	2.174	0.0
109	9163	9164	NS	1	0.0	211.906	9.606	0.0	32.649	14.299	0.0	353.547	10.144	0.0	74.381	11.982	0.0	1.413	0.0	0.0	1.813	0.0	0.0	1.883	0.0	0.0	2.174	0.0
110	9163	9164	NS	1	0.0	160.605	5.484	0.0	24.503	7.187	0.0	157.44	3.038	0.0	46.243	3.457	0.0	1.438	0.0	0.0	1.811	0.0	0.0	1.89	0.0	0.0	2.171	0.0
111	9163	9164	NS	1	0.0	160.605	5.484	0.0	24.503	7.187	0.0	157.44	3.038	0.0	46.243	3.457	0.0	1.438	0.0	0.0	1.811	0.0	0.0	1.89	0.0	0.0	2.171	0.0
112	9163	9164	SN	1	0.0	32.318	12.61	0.0	24.591	12.486	0.0	147.741	10.164	0.0	207.551	12.675	0.0	1.406	0.0	0.0	1.787	0.0	0.0	1.872	0.0	0.0	2.142	0.0
113	9164	9165	NS	1	0.0	270.547	9.602	0.0	136.0	14.373	0.0	220.327	10.201	0.0	156.367	12.115	0.0	1.419	0.0	0.0	1.814	0.0	0.0	1.883	0.0	0.0	2.171	0.0
114	9164	9165	NS	1	0.0	258.044	5.481	0.0	165.323	7.264	0.0	352.566	3.054	0.0	156.157	3.496	0.0	1.443	0.0	0.0	1.811	0.0	0.0	1.889	0.0	0.0	2.17	0.0
115	9164	9165	SN	1	0.0	23.279	5.935	0.0	25.523	7.814	0.0	167.474	2.898	0.0	275.025	4.085	0.0	1.407	0.0	0.0	1.783	0.0	0.0	1.878	0.0	0.0	2.137	0.0
116	9164	9165	SN	1	0.0	32.053	12.712	0.0	24.597	12.418	0.0	164.402	10.157	0.0	212.358	12.774	0.0	1.411	0.0	0.0	1.785	0.0	0.0	1.856	0.0	0.0	2.144	0.0
117	9165	9166	SN	1	0.0	23.284	5.939	0.0	165.056	7.811	0.0	178.294	2.785	0.0	70.404	4.07	0.0	1.404	0.0	0.0	1.784	0.0	0.0	1.852	0.0	0.0	2.137	0.0
118	9165	9166	NS	1	0.0	214.978	9.595	0.0	32.704	14.243	0.0	354.601	10.173	0.0	76.78	12.024	0.0	1.418	0.0	0.0	1.814	0.0	0.0	1.883	0.0	0.0	2.171	0.0
119	9165	9166	NS	1	0.0	214.978	9.595	0.0	32.704	14.243	0.0	354.601	10.173	0.0	76.78	12.024	0.0	1.418	0.0	0.0	1.814	0.0	0.0	1.883	0.0	0.0	2.171	0.0
120	9165	9166	SN	1	0.0	32.362	12.683	0.0	24.591	12.417	0.0	175.405	10.164	0.0	61.305	12.766	0.0	1.408	0.0	0.0	1.785	0.0	0.0	1.858	0.0	0.0	2.143	0.0
121	9165	9166	SN	1	0.0	32.368	12.683	0.0	24.591	12.407	0.0	175.41	10.164	0.0	61.305	12.759	0.0	1.407	0.0	0.0	1.785	0.0	0.0	1.858	0.0	0.0	2.143	0.0
122	9165	9166	NS	1	0.0	81.983	5.487	0.0	24.514	7.239	0.0	354.601	3.011	0.0	52.095	3.427	0.0	1.433	0.0	0.0	1.811	0.0	0.0	1.884	0.0	0.0	2.171	0.0
123	9165	9166	NS	1	0.0	81.983	5.487	0.0	24.514	7.239	0.0	354.601	3.011	0.0	52.095	3.427	0.0	1.433	0.0	0.0	1.811	0.0	0.0	1.884	0.0	0.0	2.171	0.0
124	9165	9166	SN	1	0.0	23.284	5.939	0.0	165.05	7.802	0.0	178.283	2.783	0.0	70.404	4.072	0.0	1.404	0.0	0.0	1.784	0.0	0.0	1.852	0.0	0.0	2.137	0.0
125	9166	9167	SN	1	0.0	23.284	5.853	0.0	93.466	7.618	0.0	134.208	2.759	0.0	189.584	3.782	0.0	1.405	0.0	0.0	1.782	0.0	0.0	1.877	0.0	0.0	2.138	0.0
126	9166	9167	SN	1	0.0	32.235	12.693	0.0	84.939	12.458	0.0	139.998	10.178	0.0	70.697	12.644	0.0	1.409	0.0	0.0	1.785	0.0	0.0	1.858	0.0	0.0	2.143	0.0
127	9166	9167	NS	1	0.0	24.481	9.596	0.0	32.665	14.411	0.0	340.857	10.127	0.0	80.414	12.006	0.0	1.425	0.0	0.0	1.815	0.0	0.0	1.89	0.0	0.0	2.169	0.0
128	9166	9167	NS	1	0.0	23.251	9.566	0.0	32.98	14.365	0.0	340.857	10.102	0.0	85.687	12.044	0.0	1.423	0.0	0.0	1.814	0.0	0.0	1.883	0.0	0.0	2.171	0.0
129	9166	9167	SN	1	0.0	32.235	12.919	0.0	84.939	11.856	0.0	139.998	10.262	0.0	46.831	11.766	0.0	1.409	0.0	0.0	1.785	0.0	0.0	1.858	0.0	0.0	2.14	0.0
130	9166	9167	NS	1	0.0	25.534	5.489	0.0	24.498	7.244	0.0	339.799	3.007	0.0	60.494	3.416	0.0	1.44	0.0	0.0	1.811	0.0	0.0	1.89	0.0	0.0	2.17	0.0
131	9166	9167	NS	1	0.0	25.545	5.483	0.0	24.503	7.236	0.0	333.203	3.014	0.0	32.748	3.405	0.0	1.443	0.0	0.0	1.811	0.0	0.0	1.89	0.0	0.0	2.171	0.0
132	9166	9167	SN	1	0.0	23.284	5.919	0.0	93.466	7.809	0.0	134.208	2.772	0.0	189.584	4.015	0.0	1.405	0.0	0.0	1.784	0.0	0.0	1.877	0.0	0.0	2.138	0.0
133	9166	9167	SN	1	0.0	23.284	5.919	0.0	93.466	7.809	0.0	134.208	2.772	0.0	189.584	4.015	0.0	1.405	0.0	0.0	1.784	0.0	0.0	1.877	0.0	0.0	2.138	0.0
134	9166	9167	SN	1	0.0	32.235	12.693	0.0	84.939	12.458	0.0	139.998	10.178	0.0	70.697	12.644	0.0	1.409	0.0	0.0	1.785	0.0	0.0	1.858	0.0	0.0	2.143	0.0
135	9167	9168	SN	1	0.0	23.273	5.922	0.0	25.518	7.771	0.0	115.252	2.73	0.0	205.084	3.934	0.0	1.405	0.0	0.0	1.784	0.0	0.0	1.877	0.0	0.0	2.136	0.0
136	9167	9168	SN	1	0.0	32.186	12.875	0.0	24.553	11.92	0.0	124.705	10.133	0.0	63.481	11.768	0.0	1.409	0.0	0.0	1.787	0.0	0.0	1.858	0.0	0.0	2.138	0.0
137	9167	9168	NS	1	0.0	46.213	5.512	0.0	24.503	7.244	0.0	346.472	3.029	0.0	48.51	3.446	0.0	1.425	0.0	0.0	1.811	0.0	0.0	1.884	0.0	0.0	2.17	0.0
138	9167	9168	NS	1	0.0	155.835	5.499	0.0	24.503	7.234	0.0	353.415	3.028	0.0	48.51	3.429	0.0	1.425	0.0	0.0	1.811	0.0	0.0	1.885	0.0	0.0	2.171	0.0
139	9167	9168	SN	1	0.0	23.273	5.871	0.0	25.518	7.596	0.0	115.252	2.708	0.0	205.084	3.709	0.0	1.405	0.0	0.0	1.781	0.0	0.0	1.877	0.0	0.0	2.136	0.0
140	9167	9168	SN	1	0.0	32.186	12.681	0.0	129.942	12.489	0.0	124.76	10.099	0.0	75.991	12.56	0.0	1.408	0.0	0.0	1.787	0.0	0.0	1.858	0.0	0.0	2.144	0.0
141	9167	9168	SN	1	0.0	32.186	12.691	0.0	24.586	12.458	0.0	124.705	10.07	0.0	75.991	12.566	0.0	1.409	0.0	0.0	1.787	0.0	0.0	1.858	0.0	0.0	2.144	0.0
142	9167	9168	NS	1	0.0	54.833	9.616	0.0	32.676	14.421	0.0	359.129	10.12	0.0	67.846	12.091	0.0	1.409	0.0	0.0	1.815	0.0	0.0	1.88	0.0	0.0	2.172	0.0

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

143	9167	9168	NS	1	0.0	41.586	9.576	0.0	32.919	14.365	0.0	355.946	10.152	0.0	73.3	12.109	0.0	1.423	0.0	0.0	1.814	0.0	0.0	1.883	0.0	0.0	2.171	0.0
144	9167	9168	SN	1	0.0	23.273	5.92	0.0	25.518	7.771	0.0	115.385	2.728	0.0	269.394	3.946	0.0	1.404	0.0	0.0	1.784	0.0	0.0	1.877	0.0	0.0	2.136	0.0
145	9168	9169	NS	1	0.0	102.074	9.637	0.0	32.726	14.428	0.0	193.182	10.132	0.0	70.057	12.01	0.0	1.422	0.0	0.0	1.815	0.0	0.0	1.88	0.0	0.0	2.172	0.0
146	9168	9169	SN	1	0.0	32.219	12.397	0.0	24.591	12.433	0.0	150.052	9.81	0.0	70.162	12.387	0.0	1.404	0.0	0.0	1.786	0.0	0.0	1.859	0.0	0.0	2.142	0.0
147	9168	9169	NS	1	0.0	147.733	9.626	0.0	32.72	14.388	0.0	141.165	10.125	0.0	70.002	12.025	0.0	1.426	0.0	0.0	1.815	0.0	0.0	1.884	0.0	0.0	2.171	0.0
148	9168	9169	NS	1	0.0	154.266	5.497	0.0	24.52	7.225	0.0	137.762	3.022	0.0	49.607	3.413	0.0	1.443	0.0	0.0	1.811	0.0	0.0	1.89	0.0	0.0	2.171	0.0
149	9168	9169	NS	1	0.0	154.266	5.504	0.0	24.514	7.227	0.0	137.861	3.022	0.0	49.569	3.416	0.0	1.435	0.0	0.0	1.811	0.0	0.0	1.89	0.0	0.0	2.171	0.0
150	9168	9169	SN	1	0.0	23.284	5.611	0.0	25.518	7.37	0.0	137.55	2.563	0.0	14.416	3.439	0.0	1.404	0.0	0.0	1.781	0.0	0.0	1.875	0.0	0.0	2.137	0.0
151	9168	9169	SN	1	0.0	23.284	5.744	0.0	25.518	7.694	0.0	137.55	2.59	0.0	64.735	3.78	0.0	1.404	0.0	0.0	1.784	0.0	0.0	1.875	0.0	0.0	2.138	0.0
152	9168	9169	SN	1	0.0	32.219	12.708	0.0	22.987	11.621	0.0	150.052	9.818	0.0	15.58	11.17	0.0	1.404	0.0	0.0	1.785	0.0	0.0	1.859	0.0	0.0	2.137	0.0
153	9168	9169	SN	1	0.0	23.284	5.744	0.0	25.518	7.694	0.0	137.55	2.584	0.0	64.735	3.781	0.0	1.404	0.0	0.0	1.784	0.0	0.0	1.875	0.0	0.0	2.138	0.0
154	9168	9169	SN	1	0.0	32.219	12.397	0.0	24.591	12.433	0.0	150.052	9.81	0.0	70.162	12.387	0.0	1.404	0.0	0.0	1.786	0.0	0.0	1.859	0.0	0.0	2.142	0.0
155	9169	9170	SN	1	0.0	32.445	12.642	0.0	24.58	12.508	0.0	144.967	10.047	0.0	74.844	12.586	0.0	1.4	0.0	0.0	1.788	0.0	0.0	1.859	0.0	0.0	2.141	0.0
156	9169	9170	NS	1	0.0	23.218	9.558	0.0	32.748	14.284	0.0	354.954	10.118	0.0	33.084	11.946	0.0	1.426	0.0	0.0	1.815	0.0	0.0	1.88	0.0	0.0	2.17	0.0
157	9169	9170	SN	1	0.0	23.273	5.908	0.0	25.507	7.762	0.0	135.388	2.735	0.0	66.351	3.953	0.0	1.404	0.0	0.0	1.783	0.0	0.0	1.873	0.0	0.0	2.137	0.0
158	9169	9170	NS	1	0.0	25.573	5.486	0.0	24.503	7.227	0.0	247.946	3.006	0.0	59.176	3.393	0.0	1.427	0.0	0.0	1.811	0.0	0.0	1.885	0.0	0.0	2.171	0.0
159	9170	9171	NS	1	0.0	24.437	9.553	0.0	32.594	14.26	0.0	353.509	10.016	0.0	72.969	11.977	0.0	1.413	0.0	0.0	1.812	0.0	0.0	1.882	0.0	0.0	2.173	0.0
160	9170	9171	NS	1	0.0	25.545	5.47	0.0	24.52	7.23	0.0	194.622	2.973	0.0	45.328	3.353	0.0	1.445	0.0	0.0	1.81	0.0	0.0	1.882	0.0	0.0	2.17	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle	Normal	Deviations
	Range	10.0	3.0	Alarming	High Errors