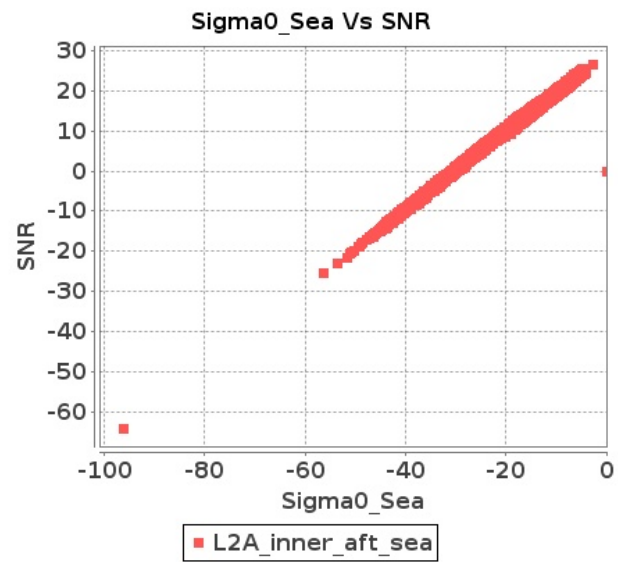


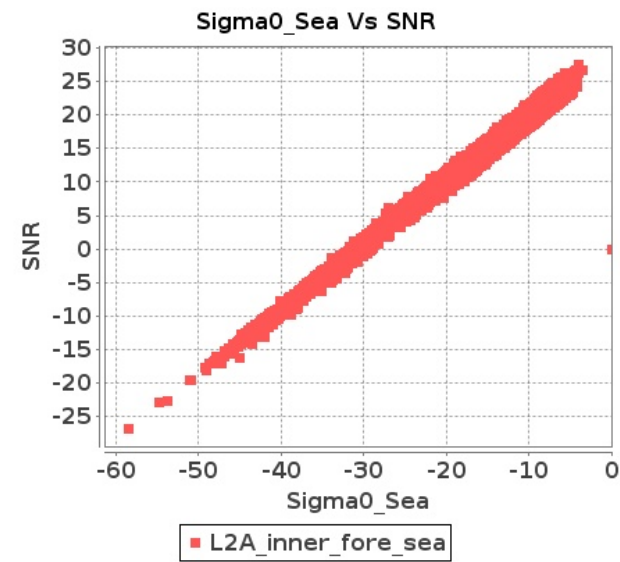
# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 27-AUG-2018 To 28-AUG-2018

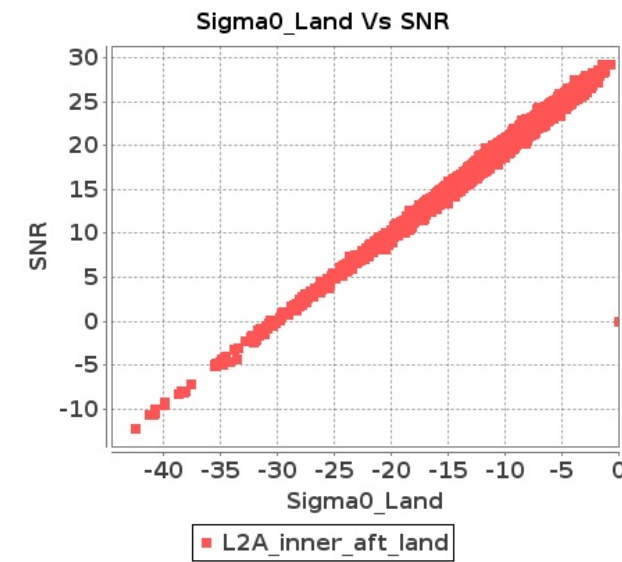
### Inner Sea Aft Sigma0VsSNR



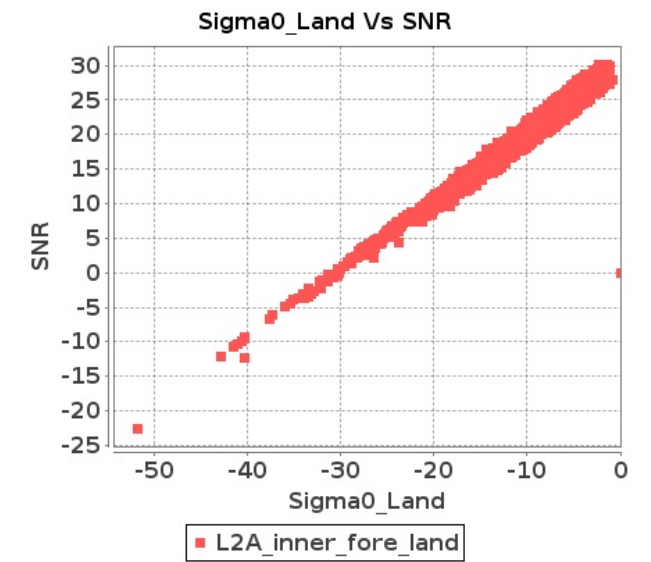
### Inner Sea Fore Sigma0VsSNR



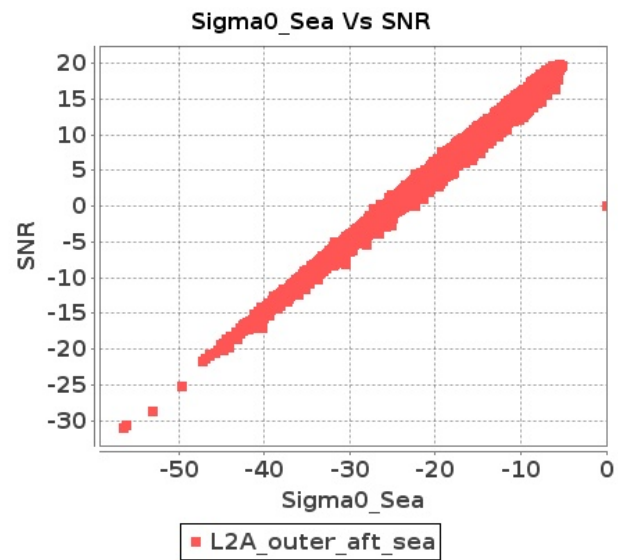
### Inner Land Aft Sigma0VsSNR



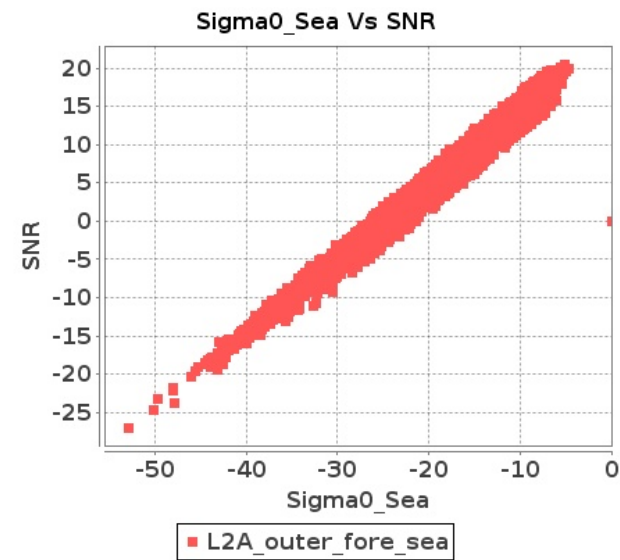
### Inner Land Fore Sigma0VsSNR



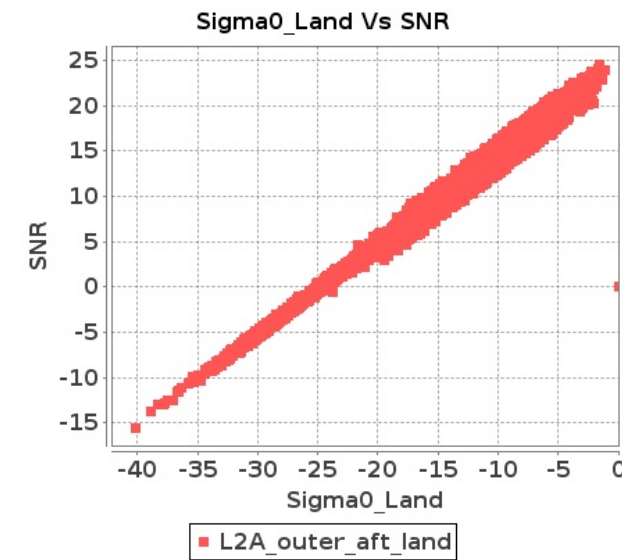
### Outer Sea Aft Sigma0VsSNR



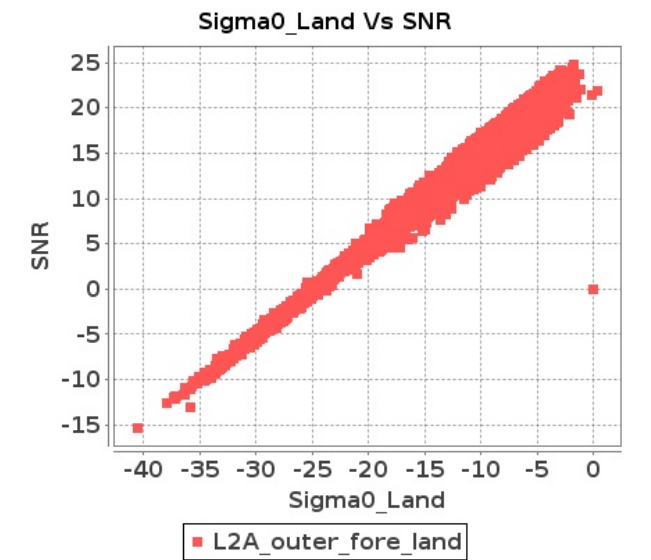
### Outer Sea Fore Sigma0VsSNR



### Outer Land Aft Sigma0VsSNR



### Outer Land Fore Sigma0VsSNR



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

Report between 27-AUG-2018 To 28-AUG-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	10147	10148	SN	1	0.0	43.943	1.72	0.0	48.898	2.163	0.0	41.78	1.594	0.0	43.74	1.915	0.0	45.503	1.754	0.0	47.67	2.068	0.0	40.586	1.494	0.0	38.918	1.78
2	10147	10148	SN	1	0.0	43.943	1.714	0.0	48.898	2.205	0.0	43.311	1.56	0.0	43.74	1.897	0.0	45.503	1.749	0.0	47.67	2.117	0.0	43.278	1.441	0.0	43.04	1.755
3	10147	10148	SN	1	0.0	53.577	6.758	0.0	51.681	7.506	0.0	46.234	5.713	0.0	47.177	7.209	0.0	54.206	6.747	0.0	51.626	7.37	0.0	46.021	5.604	0.0	46.655	6.691
4	10147	10148	NS	1	0.0	59.068	10.429	0.0	56.51	11.278	0.0	47.796	8.256	0.0	48.574	9.224	0.0	59.597	10.855	0.0	57.193	10.669	0.0	45.992	8.193	0.0	44.956	8.641
5	10147	10148	NS	1	0.0	50.619	2.634	0.0	52.844	3.096	0.0	45.039	2.213	0.0	46.149	2.774	0.0	50.538	2.614	0.0	53.237	2.918	0.0	45.107	2.137	0.0	43.951	2.525
6	10147	10148	NS	1	0.0	58.752	10.496	0.0	55.947	11.118	0.0	45.884	8.134	0.0	48.034	9.184	0.0	59.599	10.536	0.0	58.075	10.702	0.0	45.319	7.857	0.0	47.619	8.444
7	10147	10148	NS	1	0.0	51.329	2.547	0.0	49.444	2.999	0.0	43.062	2.161	0.0	43.732	2.784	0.0	52.388	2.552	0.0	49.385	2.803	0.0	42.097	2.081	0.0	44.603	2.561
8	10147	10148	SN	1	0.0	53.577	6.816	0.0	51.681	7.334	0.0	46.235	5.771	0.0	47.177	7.185	0.0	54.206	6.766	0.0	51.626	7.242	0.0	46.021	5.679	0.0	46.655	6.6
9	10148	10149	NS	1	0.0	48.334	0.768	0.0	43.938	0.976	0.0	43.242	0.755	0.0	42.53	1.062	0.0	46.419	0.764	0.0	44.566	0.917	0.0	43.943	0.685	0.0	42.359	0.832
10	10148	10149	SN	1	0.0	49.218	3.992	0.0	51.987	4.648	0.0	42.533	3.058	0.0	40.963	4.246	0.0	49.771	3.992	0.0	53.693	4.555	0.0	43.702	2.899	0.0	42.568	3.971
11	10148	10149	SN	1	0.0	49.218	3.951	0.0	51.987	4.658	0.0	42.533	3.108	0.0	40.748	4.275	0.0	49.771	3.961	0.0	53.693	4.555	0.0	43.702	2.899	0.0	42.568	4.0
12	10148	10149	SN	1	0.0	49.218	3.92	0.0	51.987	4.599	0.0	42.533	3.18	0.0	40.748	4.22	0.0	49.771	3.931	0.0	53.693	4.497	0.0	43.702	2.959	0.0	42.568	3.949
13	10148	10149	NS	1	0.0	48.334	0.768	0.0	43.938	0.989	0.0	43.876	0.78	0.0	42.567	1.045	0.0	46.419	0.766	0.0	44.566	0.912	0.0	44.578	0.706	0.0	42.396	0.818
14	10148	10149	NS	1	0.0	51.096	3.158	0.0	50.355	3.391	0.0	49.08	2.56	0.0	44.913	3.179	0.0	52.451	3.178	0.0	53.185	3.056	0.0	47.877	2.461	0.0	40.301	2.752
15	10148	10149	NS	1	0.0	51.155	3.168	0.0	50.409	3.442	0.0	49.345	2.588	0.0	44.913	3.2	0.0	52.509	3.138	0.0	53.221	3.076	0.0	48.14	2.489	0.0	38.915	2.781
16	10148	10149	SN	1	0.0	46.673	0.916	0.0	47.411	1.365	0.0	38.438	0.908	0.0	46.101	1.28	0.0	46.89	0.918	0.0	45.459	1.229	0.0	37.811	0.831	0.0	40.882	1.113
17	10148	10149	SN	1	0.0	46.673	0.922	0.0	47.411	1.382	0.0	38.438	0.895	0.0	46.101	1.296	0.0	46.89	0.926	0.0	45.459	1.245	0.0	37.811	0.814	0.0	40.882	1.127
18	10148	10149	SN	1	0.0	46.673	0.908	0.0	47.411	1.387	0.0	38.438	0.895	0.0	39.254	1.307	0.0	46.89	0.901	0.0	45.459	1.256	0.0	37.811	0.814	0.0	38.565	1.134
19	10149	10150	SN	1	0.0	47.615	2.113	0.0	46.675	2.747	0.0	39.458	2.589	0.0	43.794	4.07	0.0	49.694	2.062	0.0	47.297	2.554	0.0	40.717	2.454	0.0	41.461	3.429
20	10149	10150	NS	1	0.0	41.959	0.651	0.0	44.813	0.829	0.0	43.2	0.74	0.0	43.932	0.959	0.0	40.456	0.663	0.0	47.351	0.763	0.0	42.193	0.713	0.0	45.077	0.841
21	10149	10150	NS	1	0.0	48.013	2.885	0.0	56.517	3.168	0.0	45.443	2.404	0.0	44.428	2.596	0.0	48.993	2.915	0.0	57.737	2.954	0.0	47.145	2.269	0.0	43.183	2.51
22	10149	10150	SN	1	0.0	42.433	0.678	0.0	37.527	0.839	0.0	36.843	0.908	0.0	41.766	1.283	0.0	42.589	0.662	0.0	35.347	0.754	0.0	37.725	0.861	0.0	38.921	1.022
23	10149	10150	SN	1	0.0	45.98	2.116	0.0	45.029	2.738	0.0	42.365	2.619	0.0	43.417	4.047	0.0	46.429	2.033	0.0	45.65	2.552	0.0	42.714	2.467	0.0	41.084	3.432
24	10149	10150	SN	1	0.0	42.433	0.672	0.0	42.267	0.846	0.0	36.792	0.913	0.0	41.766	1.301	0.0	42.589	0.651	0.0	42.395	0.77	0.0	37.725	0.851	0.0	38.921	1.025
25	10150	10151	NS	1	0.0	45.128	1.142	0.0	52.513	1.671	0.0	42.151	0.891	0.0	44.464	1.225	0.0	45.645	1.126	0.0	53.998	1.571	0.0	40.246	0.891	0.0	43.497	1.158
26	10150	10151	NS	1	0.0	51.394	4.978	0.0	52.878	6.129	0.0	49.546	3.63	0.0	47.525	4.799	0.0	51.134	5.049	0.0	54.12	5.794	0.0	49.797	3.531	0.0	46.998	4.202
27	10150	10151	SN	1	0.0	43.905	4.793	0.0	44.985	5.089	0.0	39.527	3.905	0.0	44.507	5.226	0.0	44.56	4.854	0.0	46.94	4.57	0.0	41.939	3.77	0.0	41.807	4.67
28	10150	10151	SN	1	0.0	40.943	0.977	0.0	39.162	1.231	0.0	37.035	1.252	0.0	43.697	1.652	0.0	40.927	0.956	0.0	40.516	1.141	0.0	35.132	1.147	0.0	40.303	1.472
29	10151	10152	SN	1	0.0	40.454	1.542	0.0	43.328	1.938	0.0	37.527	1.588	0.0	39.801	2.135	0.0	41.267	1.524	0.0	41.494	1.775	0.0	38.973	1.579	0.0	40.945	1.968
30	10151	10152	SN	1	0.0	45.343	5.697	0.0	47.827	6.392	0.0	38.627	4.702	0.0	43.684	6.417	0.0	45.809	5.717	0.0	47.666	6.056	0.0	38.29	4.787	0.0	45.539	5.939
31	10151	10152	NS	1	0.0	50.234	3.784	0.0	51.182	4.739	0.0	47.62	3.353	0.0	45.353	4.408	0.0	49.825	3.844	0.0	52.879	4.505	0.0	46.59	3.212	0.0	42.762	3.982

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		







140	10169	10170	NS	1	0.0	43.663	1.879	0.0	46.28	2.518	0.0	41.67	1.608	0.0	48.214	2.278	0.0	45.132	1.886	0.0	44.084	2.414	0.0	41.272	1.576	0.0	48.313	2.161
141	10169	10170	NS	1	0.0	43.809	1.877	0.0	46.28	2.518	0.0	39.889	1.606	0.0	51.425	2.268	0.0	43.646	1.888	0.0	44.082	2.407	0.0	41.189	1.567	0.0	51.525	2.147
142	10169	10170	SN	1	0.0	55.488	2.742	0.0	47.669	4.213	0.0	41.633	2.44	0.0	48.477	3.543	0.0	56.408	2.803	0.0	49.686	3.939	0.0	40.981	2.327	0.0	46.451	3.008
143	10170	10171	NS	1	0.0	44.591	1.565	0.0	53.919	2.252	0.0	41.559	1.376	0.0	44.913	2.194	0.0	45.341	1.574	0.0	56.69	2.101	0.0	40.183	1.323	0.0	43.702	1.889
144	10170	10171	NS	1	0.0	47.977	1.57	0.0	53.817	2.248	0.0	42.702	1.355	0.0	44.487	2.192	0.0	48.157	1.583	0.0	56.588	2.11	0.0	40.549	1.296	0.0	42.82	1.872
145	10170	10171	NS	1	0.0	49.504	5.645	0.0	51.062	7.225	0.0	49.976	4.998	0.0	48.143	6.811	0.0	50.226	5.706	0.0	51.283	6.778	0.0	49.296	4.856	0.0	48.665	6.299
146	10170	10171	NS	1	0.0	48.447	5.655	0.0	51.048	7.245	0.0	50.117	5.019	0.0	48.514	6.847	0.0	49.168	5.736	0.0	51.268	6.809	0.0	49.577	4.892	0.0	48.309	6.242
147	10170	10171	SN	1	0.0	45.663	4.976	0.0	49.56	6.016	0.0	42.575	3.45	0.0	42.199	4.813	0.0	45.681	5.067	0.0	50.037	5.873	0.0	43.893	3.4	0.0	42.749	4.606
148	10170	10171	SN	1	0.0	48.616	1.38	0.0	44.786	1.682	0.0	44.934	1.068	0.0	42.844	1.552	0.0	47.331	1.4	0.0	45.042	1.605	0.0	45.139	1.055	0.0	44.458	1.471
149	10171	10172	NS	1	0.0	50.312	4.512	0.0	51.916	5.266	0.0	47.533	3.786	0.0	45.558	4.287	0.0	52.134	4.532	0.0	52.826	5.003	0.0	49.857	3.573	0.0	44.679	3.74
150	10171	10172	NS	1	0.0	43.375	1.063	0.0	45.022	1.393	0.0	38.161	1.096	0.0	45.281	1.376	0.0	44.372	1.058	0.0	44.819	1.294	0.0	38.122	1.047	0.0	42.528	1.156

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	10147	10148	SN	1	0.0	23.351	5.184	0.0	25.623	6.414	0.0	108.927	1.523	0.0	54.847	2.063	0.0	1.425	0.0	0.0	1.753	0.0	0.0	1.81	0.0	0.0	2.107	0.0
2	10147	10148	SN	1	0.0	23.351	5.241	0.0	25.623	6.429	0.0	108.927	1.563	0.0	11.653	1.937	0.0	1.425	0.0	0.0	1.753	0.0	0.0	1.81	0.0	0.0	2.107	0.0
3	10147	10148	SN	1	0.0	30.961	12.193	0.0	23.323	13.377	0.0	110.951	8.734	0.0	15.039	10.236	0.0	1.424	0.0	0.0	1.756	0.0	0.0	1.795	0.0	0.0	2.108	0.0
4	10147	10148	NS	1	0.0	211.58	10.561	0.0	31.347	15.501	0.0	152.801	12.328	0.0	71.783	14.302	0.0	1.4	0.0	0.0	1.796	0.0	0.0	1.856	0.0	0.0	2.155	0.0
5	10147	10148	NS	1	0.0	235.245	6.417	0.0	23.748	8.343	0.0	280.904	3.323	0.0	130.11	4.578	0.0	1.422	0.0	0.0	1.797	0.0	0.0	1.858	0.0	0.0	2.156	0.0
6	10147	10148	NS	1	0.0	193.403	10.466	0.0	32.345	15.413	0.0	140.955	12.381	0.0	68.221	14.334	0.0	1.4	0.0	0.0	1.799	0.0	0.0	1.841	0.0	0.0	2.154	0.0
7	10147	10148	NS	1	0.0	78.939	6.415	0.0	23.748	8.347	0.0	142.094	3.333	0.0	74.381	4.563	0.0	1.422	0.0	0.0	1.797	0.0	0.0	1.858	0.0	0.0	2.155	0.0
8	10147	10148	SN	1	0.0	30.961	12.17	0.0	23.323	13.529	0.0	110.951	8.589	0.0	62.264	10.641	0.0	1.424	0.0	0.0	1.756	0.0	0.0	1.795	0.0	0.0	2.108	0.0
9	10148	10149	NS	1	0.0	24.751	6.359	0.0	23.748	8.327	0.0	348.005	3.335	0.0	64.04	4.54	0.0	1.423	0.0	0.0	1.797	0.0	0.0	1.86	0.0	0.0	2.156	0.0
10	10148	10149	SN	1	0.0	31.606	12.213	0.0	23.323	13.448	0.0	89.326	8.705	0.0	18.426	10.42	0.0	1.428	0.0	0.0	1.757	0.0	0.0	1.795	0.0	0.0	2.107	0.0
11	10148	10149	SN	1	0.0	31.606	12.213	0.0	23.323	13.448	0.0	89.326	8.705	0.0	18.426	10.42	0.0	1.428	0.0	0.0	1.757	0.0	0.0	1.795	0.0	0.0	2.107	0.0
12	10148	10149	SN	1	0.0	31.606	12.218	0.0	23.323	13.542	0.0	89.326	8.621	0.0	55.911	10.642	0.0	1.428	0.0	0.0	1.757	0.0	0.0	1.795	0.0	0.0	2.107	0.0
13	10148	10149	NS	1	0.0	57.491	6.361	0.0	23.737	8.32	0.0	347.999	3.342	0.0	64.002	4.544	0.0	1.425	0.0	0.0	1.797	0.0	0.0	1.86	0.0	0.0	2.156	0.0
14	10148	10149	NS	1	0.0	92.087	10.496	0.0	31.557	15.411	0.0	139.383	12.233	0.0	64.184	14.302	0.0	1.398	0.0	0.0	1.8	0.0	0.0	1.842	0.0	0.0	2.153	0.0
15	10148	10149	NS	1	0.0	42.082	10.496	0.0	31.557	15.401	0.0	197.528	12.233	0.0	64.2	14.302	0.0	1.399	0.0	0.0	1.8	0.0	0.0	1.842	0.0	0.0	2.153	0.0
16	10148	10149	SN	1	0.0	23.345	5.189	0.0	25.645	6.405	0.0	76.956	1.54	0.0	51.891	2.074	0.0	1.424	0.0	0.0	1.753	0.0	0.0	1.811	0.0	0.0	2.108	0.0
17	10148	10149	SN	1	0.0	23.345	5.222	0.0	25.645	6.405	0.0	76.956	1.561	0.0	12.348	1.995	0.0	1.424	0.0	0.0	1.753	0.0	0.0	1.811	0.0	0.0	2.108	0.0
18	10148	10149	SN	1	0.0	23.345	5.222	0.0	25.645	6.405	0.0	76.956	1.561	0.0	12.348	1.995	0.0	1.424	0.0	0.0	1.753	0.0	0.0	1.811	0.0	0.0	2.108	0.0
19	10149	10150	SN	1	0.0	31.606	12.188	0.0	30.368	13.543	0.0	141.454	8.614	0.0	169.269	10.685	0.0	1.426	0.0	0.0	1.757	0.0	0.0	1.793	0.0	0.0	2.108	0.0
20	10149	10150	NS	1	0.0	23.455	6.328	0.0	23.731	8.293	0.0	240.498	3.399	0.0	125.45	4.558	0.0	1.422	0.0	0.0	1.797	0.0	0.0	1.859	0.0	0.0	2.155	0.0
21	10149	10150	NS	1	0.0	122.987	10.486	0.0	31.568	15.421	0.0	194.335	12.29	0.0	65.469	14.323	0.0	1.416	0.0	0.0	1.799	0.0	0.0	1.842	0.0	0.0	2.155	0.0
22	10149	10150	SN	1	0.0	23.373	5.288	0.0	73.237	6.419	0.0	140.919	1.593	0.0	61.655	2.013	0.0	1.426	0.0	0.0	1.754	0.0	0.0	1.812	0.0	0.0	2.108	0.0
23	10149	10150	SN	1	0.0	31.606	12.189	0.0	30.368	13.412	0.0	141.454	8.725	0.0	169.269	10.418	0.0	1.426	0.0	0.0	1.757	0.0	0.0	1.793	0.0	0.0	2.108	0.0
24	10149	10150	SN	1	0.0	23.373	5.247	0.0	73.237	6.414	0.0	140.919	1.566	0.0	61.655	2.108	0.0	1.426	0.0	0.0	1.754	0.0	0.0	1.812	0.0	0.0	2.108	0.0
25	10150	10151	NS	1	0.0	23.45	6.304	0.0	23.737	8.293	0.0	262.026	3.384	0.0	135.371	4.554	0.0	1.421	0.0	0.0	1.797	0.0	0.0	1.859	0.0	0.0	2.154	0.0
26	10150	10151	NS	1	0.0	23.819	10.533	0.0	32.147	15.464	0.0	147.706	12.159	0.0	67.884	14.298	0.0	1.399	0.0	0.0	1.799	0.0	0.0	1.847	0.0	0.0	2.156	0.0
27	10150	10151	SN	1	0.0	31.502	12.175	0.0	143.266	13.608	0.0	100.39	8.671	0.0	230.866	10.731	0.0	1.433	0.0	0.0	1.755	0.0	0.0	1.796	0.0	0.0	2.108	0.0
28	10150	10151	SN	1	0.0	23.35	5.255	0.0	237.429	6.429	0.0	105.392	1.557	0.0	99.234	2.103	0.0	1.424	0.0	0.0	1.754	0.0	0.0	1.81	0.0	0.0	2.108	0.0
29	10151	10152	SN	1	0.0	23.345	5.246	0.0	25.65	6.418	0.0	126.823	1.554	0.0	250.709	2.11	0.0	1.425	0.0	0.0	1.753	0.0	0.0	1.812	0.0	0.0	2.108	0.0
30	10151	10152	SN	1	0.0	31.436	12.155	0.0	23.323	13.557	0.0	128.654	8.656	0.0	152.785	10.688	0.0	1.435	0.0	0.0	1.755	0.0	0.0	1.797	0.0	0.0	2.11	0.0
31	10151	10152	NS	1	0.0	200.776	10.531	0.0	31.904	15.485	0.0	331.283	12.223	0.0	79.852	14.291	0.0	1.4	0.0	0.0	1.799	0.0	0.0	1.847	0.0	0.0	2.156	0.0

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







106	10165	10166	NS	1	0.0	23.88	10.454	0.0	31.513	15.434	0.0	212.159	12.534	0.0	71.888	14.348	0.0	1.401	0.0	1.802	0.0	0.0	1.846	0.0	0.0	2.153	0.0
107	10165	10166	NS	1	0.0	23.444	6.603	0.0	23.737	8.38	0.0	211.765	3.386	0.0	68.375	4.544	0.0	1.422	0.0	1.8	0.0	0.0	1.863	0.0	0.0	2.159	0.0
108	10165	10166	SN	1	0.0	31.601	12.185	0.0	23.328	13.477	0.0	87.308	8.272	0.0	58.983	10.675	0.0	1.433	0.0	1.752	0.0	0.0	1.796	0.0	0.0	2.104	0.0
109	10166	10167	SN	1	0.0	23.317	5.141	0.0	67.087	6.461	0.0	119.918	1.345	0.0	258.905	2.013	0.0	1.421	0.0	1.752	0.0	0.0	1.81	0.0	0.0	2.105	0.0
110	10166	10167	SN	1	0.0	31.502	12.206	0.0	235.979	13.476	0.0	84.242	8.315	0.0	214.156	10.632	0.0	1.433	0.0	1.752	0.0	0.0	1.797	0.0	0.0	2.104	0.0
111	10166	10167	SN	1	0.0	31.502	12.206	0.0	235.979	13.476	0.0	84.242	8.308	0.0	214.156	10.632	0.0	1.433	0.0	1.752	0.0	0.0	1.797	0.0	0.0	2.104	0.0
112	10166	10167	NS	1	0.0	58.429	10.509	0.0	28.066	15.553	0.0	337.626	12.544	0.0	81.137	14.359	0.0	1.399	0.0	1.8	0.0	0.0	1.848	0.0	0.0	2.158	0.0
113	10166	10167	NS	1	0.0	23.902	10.498	0.0	28.066	15.553	0.0	337.62	12.559	0.0	81.131	14.373	0.0	1.4	0.0	1.801	0.0	0.0	1.848	0.0	0.0	2.158	0.0
114	10166	10167	SN	1	0.0	23.317	5.139	0.0	67.087	6.461	0.0	119.918	1.346	0.0	258.905	2.013	0.0	1.421	0.0	1.752	0.0	0.0	1.81	0.0	0.0	2.105	0.0
115	10166	10167	NS	1	0.0	23.483	6.65	0.0	23.72	8.368	0.0	323.733	3.41	0.0	138.553	4.541	0.0	1.421	0.0	1.799	0.0	0.0	1.862	0.0	0.0	2.156	0.0
116	10166	10167	NS	1	0.0	157.69	6.653	0.0	23.726	8.365	0.0	323.739	3.415	0.0	138.531	4.538	0.0	1.421	0.0	1.799	0.0	0.0	1.862	0.0	0.0	2.156	0.0
117	10167	10168	SN	1	0.0	28.639	12.173	0.0	217.217	13.417	0.0	110.995	8.278	0.0	55.144	10.57	0.0	1.434	0.0	1.754	0.0	0.0	1.797	0.0	0.0	2.104	0.0
118	10167	10168	SN	1	0.0	28.639	12.173	0.0	217.217	13.417	0.0	110.995	8.278	0.0	55.144	10.57	0.0	1.434	0.0	1.754	0.0	0.0	1.797	0.0	0.0	2.104	0.0
119	10167	10168	NS	1	0.0	67.233	10.478	0.0	28.066	15.521	0.0	350.454	12.595	0.0	63.042	14.338	0.0	1.4	0.0	1.801	0.0	0.0	1.848	0.0	0.0	2.158	0.0
120	10167	10168	NS	1	0.0	23.466	6.675	0.0	23.731	8.407	0.0	351.181	3.45	0.0	60.505	4.497	0.0	1.42	0.0	1.8	0.0	0.0	1.862	0.0	0.0	2.158	0.0
121	10167	10168	SN	1	0.0	23.339	5.171	0.0	25.601	6.439	0.0	110.995	1.365	0.0	11.653	1.848	0.0	1.421	0.0	1.751	0.0	0.0	1.809	0.0	0.0	2.106	0.0
122	10167	10168	NS	1	0.0	23.472	6.68	0.0	23.731	8.41	0.0	351.181	3.452	0.0	60.489	4.494	0.0	1.42	0.0	1.8	0.0	0.0	1.862	0.0	0.0	2.158	0.0
123	10167	10168	SN	1	0.0	23.339	5.116	0.0	25.601	6.476	0.0	110.995	1.323	0.0	63.549	2.003	0.0	1.421	0.0	1.751	0.0	0.0	1.809	0.0	0.0	2.106	0.0
124	10167	10168	SN	1	0.0	23.339	5.116	0.0	25.601	6.476	0.0	110.995	1.323	0.0	63.549	2.003	0.0	1.421	0.0	1.751	0.0	0.0	1.809	0.0	0.0	2.106	0.0
125	10167	10168	NS	1	0.0	67.233	10.488	0.0	28.066	15.521	0.0	350.454	12.616	0.0	63.047	14.366	0.0	1.4	0.0	1.801	0.0	0.0	1.848	0.0	0.0	2.158	0.0
126	10167	10168	SN	1	0.0	28.639	12.195	0.0	217.217	13.178	0.0	110.995	8.451	0.0	14.196	10.046	0.0	1.434	0.0	1.754	0.0	0.0	1.797	0.0	0.0	2.104	0.0
127	10168	10169	SN	1	0.0	28.595	12.16	0.0	23.301	13.366	0.0	84.418	8.157	0.0	62.138	10.506	0.0	1.431	0.0	1.753	0.0	0.0	1.796	0.0	0.0	2.103	0.0
128	10168	10169	SN	1	0.0	28.595	12.16	0.0	23.301	13.356	0.0	84.418	8.15	0.0	62.138	10.52	0.0	1.431	0.0	1.753	0.0	0.0	1.796	0.0	0.0	2.103	0.0
129	10168	10169	NS	1	0.0	23.483	6.772	0.0	23.731	8.435	0.0	125.745	3.475	0.0	131.781	4.496	0.0	1.423	0.0	1.801	0.0	0.0	1.863	0.0	0.0	2.157	0.0
130	10168	10169	NS	1	0.0	23.483	6.772	0.0	23.731	8.435	0.0	125.745	3.475	0.0	131.781	4.494	0.0	1.423	0.0	1.801	0.0	0.0	1.863	0.0	0.0	2.157	0.0
131	10168	10169	SN	1	0.0	28.595	12.232	0.0	23.301	13.016	0.0	84.418	8.549	0.0	13.236	9.661	0.0	1.431	0.0	1.753	0.0	0.0	1.796	0.0	0.0	2.103	0.0
132	10168	10169	SN	1	0.0	23.306	5.232	0.0	25.595	6.436	0.0	119.367	1.315	0.0	245.398	1.788	0.0	1.419	0.0	1.751	0.0	0.0	1.808	0.0	0.0	2.104	0.0
133	10168	10169	NS	1	0.0	23.874	10.437	0.0	28.071	15.543	0.0	138.766	12.687	0.0	78.754	14.38	0.0	1.399	0.0	1.802	0.0	0.0	1.849	0.0	0.0	2.159	0.0
134	10168	10169	NS	1	0.0	23.874	10.437	0.0	28.071	15.543	0.0	138.766	12.687	0.0	78.754	14.38	0.0	1.399	0.0	1.802	0.0	0.0	1.849	0.0	0.0	2.159	0.0
135	10168	10169	SN	1	0.0	23.306	5.12	0.0	25.595	6.494	0.0	119.367	1.227	0.0	245.398	1.934	0.0	1.419	0.0	1.751	0.0	0.0	1.808	0.0	0.0	2.104	0.0
136	10168	10169	SN	1	0.0	23.306	5.12	0.0	25.595	6.496	0.0	119.367	1.227	0.0	245.398	1.934	0.0	1.419	0.0	1.751	0.0	0.0	1.808	0.0	0.0	2.104	0.0
137	10169	10170	NS	1	0.0	23.852	10.426	0.0	30.498	15.489	0.0	139.709	12.658	0.0	72.572	14.356	0.0	1.403	0.0	1.8	0.0	0.0	1.862	0.0	0.0	2.158	0.0
138	10169	10170	SN	1	0.0	23.306	5.076	0.0	126.693	6.447	0.0	130.568	1.212	0.0	66.704	1.904	0.0	1.419	0.0	1.75	0.0	0.0	1.813	0.0	0.0	2.103	0.0
139	10169	10170	NS	1	0.0	23.913	10.396	0.0	30.498	15.489	0.0	139.698	12.644	0.0	72.594	14.349	0.0	1.403	0.0	1.8	0.0	0.0	1.862	0.0	0.0	2.158	0.0
140	10169	10170	NS	1	0.0	23.466	6.779	0.0	23.737	8.39	0.0	324.009	3.51	0.0	72.318	4.493	0.0	1.422	0.0	1.8	0.0	0.0	1.864	0.0	0.0	2.16	0.0
141	10169	10170	NS	1	0.0	23.466	6.781	0.0	23.737	8.388	0.0	323.993	3.513	0.0	72.296	4.475	0.0	1.422	0.0	1.8	0.0	0.0	1.865	0.0	0.0	2.16	0.0
142	10169	10170	SN	1	0.0	31.7	12.217	0.0	76.441	13.332	0.0	125.841	8.054	0.0	59.115	10.565	0.0	1.433	0.0	1.752	0.0	0.0	1.797	0.0	0.0	2.105	0.0

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

143	10170	10171	NS	1	0.0	101.258	6.799	0.0	23.737	8.412	0.0	255.311	3.496	0.0	122.201	4.489	0.0	1.424	0.0	0.0	1.801	0.0	0.0	1.865	0.0	0.0	2.159	0.0
144	10170	10171	NS	1	0.0	263.744	6.808	0.0	23.737	8.408	0.0	181.879	3.496	0.0	122.24	4.49	0.0	1.424	0.0	0.0	1.801	0.0	0.0	1.864	0.0	0.0	2.159	0.0
145	10170	10171	NS	1	0.0	101.258	10.43	0.0	31.568	15.454	0.0	143.884	12.647	0.0	74.916	14.326	0.0	1.404	0.0	0.0	1.802	0.0	0.0	1.848	0.0	0.0	2.156	0.0
146	10170	10171	NS	1	0.0	164.201	10.44	0.0	31.573	15.464	0.0	143.856	12.654	0.0	74.927	14.312	0.0	1.404	0.0	0.0	1.802	0.0	0.0	1.85	0.0	0.0	2.156	0.0
147	10170	10171	SN	1	0.0	30.812	12.195	0.0	205.271	13.304	0.0	130.231	8.017	0.0	60.376	10.61	0.0	1.431	0.0	0.0	1.751	0.0	0.0	1.8	0.0	0.0	2.105	0.0
148	10170	10171	SN	1	0.0	23.295	5.086	0.0	266.835	6.45	0.0	130.248	1.203	0.0	112.172	1.906	0.0	1.418	0.0	0.0	1.75	0.0	0.0	1.807	0.0	0.0	2.104	0.0
149	10171	10172	NS	1	0.0	101.247	10.43	0.0	31.546	15.454	0.0	232.521	12.668	0.0	70.879	14.277	0.0	1.404	0.0	0.0	1.802	0.0	0.0	1.849	0.0	0.0	2.155	0.0
150	10171	10172	NS	1	0.0	101.247	6.819	0.0	23.737	8.401	0.0	231.991	3.516	0.0	124.281	4.512	0.0	1.424	0.0	0.0	1.801	0.0	0.0	1.865	0.0	0.0	2.16	0.0

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