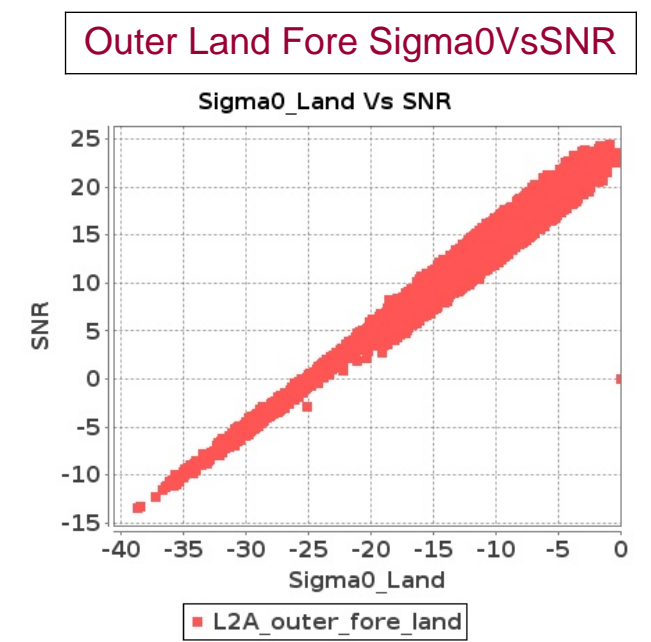
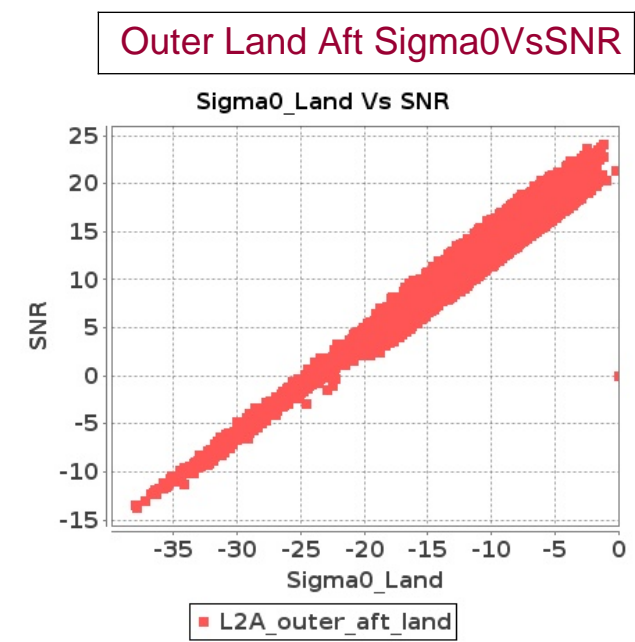
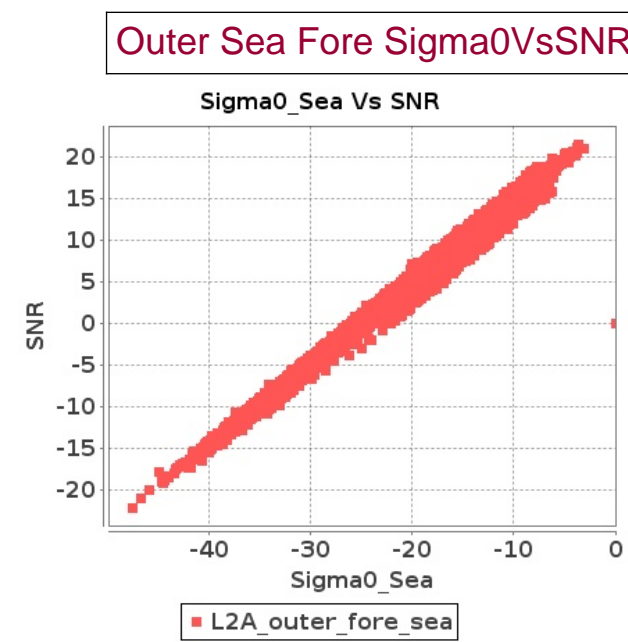
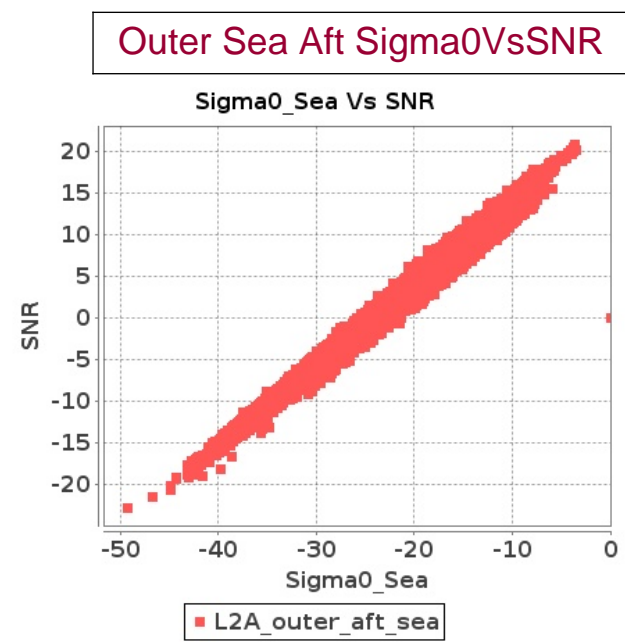
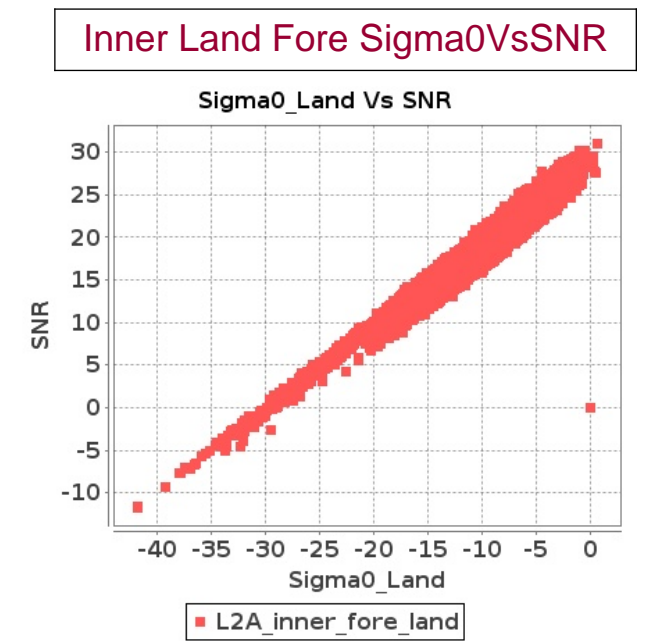
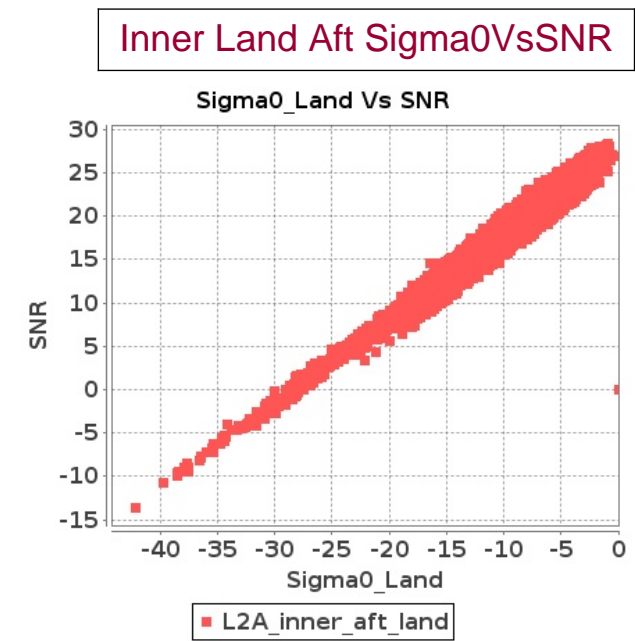
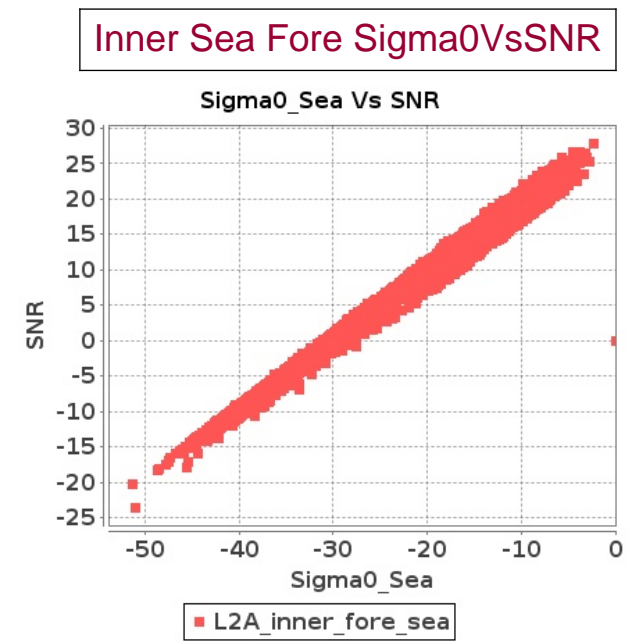
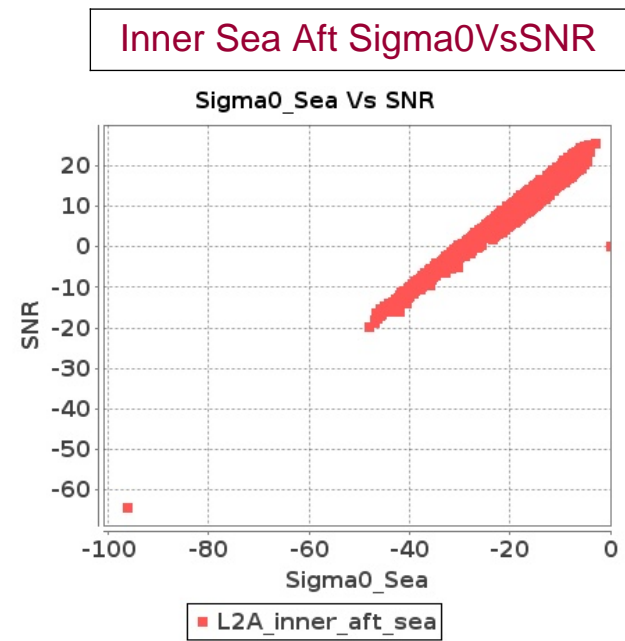


# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 19-AUG-2017 To 20-AUG-2017



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

Report between 19-AUG-2017 To 20-AUG-2017

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	4738	4739	SN	1	0.0	51.473	7.261	0.0	52.31	6.471	0.0	43.616	5.565	0.0	45.412	5.247	0.0	52.04	6.32	0.0	54.286	5.67	0.0	43.37	5.119	0.0	44.43	4.799
2	4738	4739	SN	1	0.0	51.473	7.402	0.0	52.31	6.71	0.0	43.616	5.458	0.0	45.412	5.418	0.0	52.04	6.481	0.0	54.286	5.894	0.0	43.37	5.02	0.0	42.942	4.965
3	4738	4739	SN	1	0.0	51.473	7.259	0.0	52.31	6.471	0.0	43.616	5.569	0.0	45.412	5.247	0.0	52.04	6.328	0.0	54.286	5.67	0.0	43.37	5.122	0.0	44.43	4.799
4	4738	4739	SN	1	0.0	47.963	2.18	0.0	50.706	1.96	0.0	45.067	1.514	0.0	40.409	1.482	0.0	48.993	1.907	0.0	51.04	1.643	0.0	46.776	1.373	0.0	39.665	1.308
5	4738	4739	SN	1	0.0	47.963	2.245	0.0	50.706	2.04	0.0	45.067	1.497	0.0	40.409	1.529	0.0	48.993	1.976	0.0	51.04	1.711	0.0	46.776	1.368	0.0	39.665	1.358
6	4738	4739	SN	1	0.0	47.963	2.182	0.0	50.706	1.963	0.0	45.067	1.516	0.0	40.409	1.484	0.0	48.993	1.909	0.0	51.04	1.645	0.0	46.776	1.372	0.0	39.665	1.308
7	4739	4740	SN	1	0.0	55.127	5.492	0.0	51.729	5.369	0.0	44.277	4.545	0.0	48.856	4.423	0.0	54.815	5.239	0.0	52.307	4.922	0.0	45.388	4.126	0.0	48.888	4.167
8	4739	4740	SN	1	0.0	55.127	5.495	0.0	51.729	5.369	0.0	44.277	4.547	0.0	48.856	4.43	0.0	54.815	5.242	0.0	52.307	4.922	0.0	45.388	4.128	0.0	48.888	4.174
9	4739	4740	SN	1	0.0	42.481	1.821	0.0	44.288	1.779	0.0	41.336	1.415	0.0	42.114	1.464	0.0	42.997	1.568	0.0	44.252	1.577	0.0	41.537	1.322	0.0	42.396	1.284
10	4739	4740	SN	1	0.0	55.127	5.49	0.0	51.729	5.356	0.0	44.277	4.54	0.0	48.856	4.459	0.0	54.815	5.244	0.0	52.307	4.934	0.0	45.388	4.13	0.0	48.888	4.207
11	4739	4740	SN	1	0.0	42.481	1.819	0.0	44.288	1.763	0.0	41.336	1.415	0.0	42.114	1.45	0.0	42.997	1.572	0.0	44.252	1.564	0.0	41.537	1.328	0.0	42.396	1.271
12	4739	4740	NS	1	0.0	44.982	2.081	0.0	50.881	1.652	0.0	44.295	1.4	0.0	40.825	1.186	0.0	44.893	1.832	0.0	50.357	1.468	0.0	41.154	1.267	0.0	40.833	1.079
13	4739	4740	SN	1	0.0	42.481	1.821	0.0	44.288	1.765	0.0	41.336	1.414	0.0	42.114	1.452	0.0	42.997	1.57	0.0	44.252	1.566	0.0	41.537	1.329	0.0	42.396	1.273
14	4739	4740	NS	1	0.0	49.829	6.504	0.0	51.345	4.953	0.0	46.705	4.813	0.0	49.895	4.106	0.0	49.831	5.895	0.0	52.532	4.516	0.0	45.391	4.38	0.0	52.363	3.792
15	4740	4741	SN	1	0.0	51.286	6.274	0.0	44.216	5.073	0.0	45.075	5.051	0.0	37.397	5.385	0.0	48.113	5.423	0.0	44.455	4.467	0.0	42.138	4.9	0.0	36.004	4.838
16	4740	4741	NS	1	0.0	43.31	1.168	0.0	47.728	0.921	0.0	43.973	0.842	0.0	40.797	0.763	0.0	42.659	0.956	0.0	48.182	0.747	0.0	41.597	0.705	0.0	40.487	0.576
17	4740	4741	NS	1	0.0	52.813	4.598	0.0	50.918	3.755	0.0	49.9	2.823	0.0	42.75	2.681	0.0	50.236	3.898	0.0	49.754	3.236	0.0	45.864	2.425	0.0	45.48	2.225
18	4740	4741	NS	1	0.0	52.507	4.578	0.0	47.672	3.775	0.0	52.878	2.809	0.0	42.426	2.66	0.0	49.928	3.877	0.0	48.834	3.266	0.0	48.838	2.439	0.0	45.155	2.225
19	4740	4741	SN	1	0.0	52.369	2.247	0.0	42.029	1.958	0.0	42.948	1.816	0.0	38.208	1.839	0.0	51.562	1.992	0.0	41.987	1.694	0.0	39.267	1.765	0.0	36.381	1.644
20	4740	4741	SN	1	0.0	52.369	2.247	0.0	42.029	1.958	0.0	42.948	1.816	0.0	38.208	1.839	0.0	51.562	1.992	0.0	41.987	1.694	0.0	39.267	1.761	0.0	36.381	1.644
21	4740	4741	NS	1	0.0	43.383	1.162	0.0	46.938	0.933	0.0	41.031	0.843	0.0	45.245	0.784	0.0	42.026	0.936	0.0	47.826	0.742	0.0	40.683	0.724	0.0	43.561	0.597
22	4740	4741	SN	1	0.0	52.369	2.273	0.0	39.897	1.944	0.0	42.948	1.82	0.0	38.208	1.85	0.0	51.562	2.008	0.0	41.987	1.677	0.0	39.267	1.768	0.0	36.381	1.657
23	4740	4741	SN	1	0.0	51.286	6.238	0.0	44.216	5.131	0.0	45.075	5.046	0.0	37.397	5.373	0.0	48.113	5.409	0.0	44.455	4.533	0.0	42.138	4.876	0.0	36.004	4.833
24	4740	4741	SN	1	0.0	51.286	6.237	0.0	44.216	5.138	0.0	45.075	5.046	0.0	37.397	5.388	0.0	48.113	5.408	0.0	44.455	4.551	0.0	42.138	4.869	0.0	36.004	4.856
25	4741	4742	NS	1	0.0	46.407	5.175	0.0	50.687	3.969	0.0	44.507	3.797	0.0	44.696	3.289	0.0	48.834	4.474	0.0	48.587	3.41	0.0	44.474	3.292	0.0	47.302	2.996
26	4741	4742	SN	1	0.0	48.778	7.38	0.0	43.762	6.642	0.0	43.444	5.44	0.0	45.442	5.601	0.0	48.661	6.297	0.0	46.047	5.871	0.0	42.128	4.922	0.0	44.508	4.919
27	4741	4742	SN	1	0.0	48.361	7.274	0.0	44.133	6.743	0.0	45.227	5.396	0.0	44.507	5.651	0.0	47.878	6.292	0.0	46.252	6.074	0.0	43.916	4.765	0.0	43.196	4.99
28	4741	4742	NS	1	0.0	44.476	1.754	0.0	48.231	1.259	0.0	39.597	1.099	0.0	40.091	1.005	0.0	42.44	1.453	0.0	44.105	1.118	0.0	39.779	0.95	0.0	38.973	0.871
29	4741	4742	SN	1	0.0	52.774	2.37	0.0	41.848	2.127	0.0	38.884	1.783	0.0	43.519	1.879	0.0	47.822	1.974	0.0	42.105	1.904	0.0	35.329	1.572	0.0	41.333	1.666
30	4741	4742	SN	1	0.0	48.361	6.987	0.0	44.133	6.607	0.0	45.227	5.334	0.0	44.507	5.559	0.0	47.878	5.955	0.0	46.252	5.884	0.0	43.916	4.704	0.0	43.196	4.842
31	4741	4742	NS	1	0.0	48.0	5.136	0.0	52.174	4.029	0.0	44.981	3.848	0.0	49.841	3.509	0.0	49.739	4.314	0.0	51.837	3.521	0.0	42.853	3.542	0.0	49.1	3.152

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0	Alarming	High Errors









176	4763	4764	SN	1	0.0	50.803	6.18	0.0	54.724	5.602	0.0	42.085	4.517	0.0	45.406	4.509	0.0	49.677	5.584	0.0	54.319	4.881	0.0	44.919	4.056	0.0	45.136	3.975
177	4763	4764	NS	1	0.0	47.423	6.603	0.0	49.948	4.934	0.0	42.804	5.339	0.0	43.666	4.556	0.0	49.089	5.944	0.0	52.085	4.374	0.0	42.693	4.813	0.0	44.281	4.05
178	4763	4764	NS	1	0.0	47.423	6.622	0.0	49.948	4.959	0.0	42.804	5.369	0.0	43.666	4.579	0.0	49.089	5.979	0.0	52.085	4.397	0.0	42.693	4.84	0.0	44.281	4.071
179	4763	4764	SN	1	0.0	50.324	1.946	0.0	50.021	1.826	0.0	42.731	1.352	0.0	45.913	1.335	0.0	49.753	1.694	0.0	49.585	1.598	0.0	40.68	1.24	0.0	42.976	1.106
180	4763	4764	NS	1	0.0	49.148	2.408	0.0	45.621	1.801	0.0	43.059	1.849	0.0	44.383	1.621	0.0	46.286	1.987	0.0	43.265	1.528	0.0	42.934	1.64	0.0	43.314	1.387
181	4764	4765	NS	1	0.0	45.417	2.252	0.0	41.735	1.912	0.0	39.464	1.585	0.0	43.542	1.6	0.0	47.068	1.991	0.0	41.447	1.59	0.0	36.759	1.4	0.0	43.658	1.352
182	4764	4765	SN	1	0.0	56.161	2.178	0.0	46.395	2.168	0.0	38.802	1.716	0.0	45.491	1.845	0.0	52.145	1.931	0.0	47.013	1.967	0.0	41.518	1.573	0.0	43.995	1.644
183	4764	4765	NS	1	0.0	45.417	2.182	0.0	41.735	1.854	0.0	39.464	1.531	0.0	43.542	1.552	0.0	47.068	1.929	0.0	41.447	1.542	0.0	36.759	1.357	0.0	43.658	1.312
184	4764	4765	NS	1	0.0	47.64	6.149	0.0	45.007	5.374	0.0	44.289	4.808	0.0	41.282	4.54	0.0	48.671	5.153	0.0	44.443	4.534	0.0	42.557	4.499	0.0	39.19	3.966
185	4764	4765	NS	1	0.0	47.64	5.956	0.0	45.007	5.22	0.0	44.289	4.658	0.0	41.282	4.393	0.0	48.671	4.992	0.0	44.443	4.396	0.0	42.557	4.359	0.0	39.19	3.844
186	4764	4765	SN	1	0.0	51.398	7.811	0.0	45.963	8.405	0.0	42.357	5.525	0.0	48.005	5.941	0.0	51.619	7.548	0.0	45.859	7.929	0.0	41.02	5.043	0.0	45.611	5.529
187	4765	4766	SN	1	0.0	47.182	7.473	0.0	49.499	6.664	0.0	41.964	5.275	0.0	47.446	6.25	0.0	47.155	6.967	0.0	53.394	6.492	0.0	43.044	4.999	0.0	45.841	5.894
188	4765	4766	SN	1	0.0	53.815	2.522	0.0	43.509	2.27	0.0	41.124	1.741	0.0	45.425	1.764	0.0	51.386	2.272	0.0	42.99	2.137	0.0	40.46	1.658	0.0	44.955	1.638
189	4765	4766	NS	1	0.0	43.344	3.519	0.0	47.279	3.25	0.0	39.701	2.481	0.0	41.249	2.373	0.0	44.217	3.517	0.0	49.681	3.179	0.0	41.377	2.582	0.0	38.916	2.443
190	4765	4766	NS	1	0.0	49.444	10.583	0.0	52.33	9.516	0.0	44.356	7.523	0.0	41.306	7.662	0.0	49.325	10.636	0.0	55.007	9.294	0.0	42.809	8.076	0.0	39.436	7.854
191	4765	4766	NS	1	0.0	43.344	3.655	0.0	47.279	3.369	0.0	39.701	2.578	0.0	41.249	2.462	0.0	44.217	3.653	0.0	49.681	3.296	0.0	41.377	2.683	0.0	38.916	2.533
192	4765	4766	NS	1	0.0	49.444	10.188	0.0	52.33	9.177	0.0	44.356	7.249	0.0	41.306	7.386	0.0	49.325	10.238	0.0	55.007	8.963	0.0	42.809	7.775	0.0	39.436	7.572
193	4766	4767	NS	1	0.0	53.675	13.363	0.0	51.356	10.665	0.0	44.11	9.26	0.0	45.406	8.76	0.0	49.982	13.039	0.0	53.462	9.97	0.0	44.002	9.114	0.0	44.768	8.686
194	4766	4767	NS	1	0.0	44.948	4.299	0.0	52.094	3.539	0.0	41.512	3.042	0.0	44.24	2.693	0.0	45.705	4.116	0.0	52.842	3.382	0.0	39.143	2.981	0.0	41.791	2.66

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	4738	4739	SN	1	0.0	38.693	15.987	0.0	28.65	13.977	0.0	167.43	15.342	0.0	56.611	14.773	0.0	1.914	0.0	0.0	1.958	0.0	0.0	2.087	0.0	0.0	2.12	0.0
2	4738	4739	SN	1	0.0	38.693	16.139	0.0	27.2	13.547	0.0	167.43	15.907	0.0	15.508	14.241	0.0	1.914	0.0	0.0	1.958	0.0	0.0	2.087	0.0	0.0	2.12	0.0
3	4738	4739	SN	1	0.0	38.693	15.997	0.0	28.65	13.977	0.0	167.43	15.345	0.0	56.611	14.773	0.0	1.914	0.0	0.0	1.958	0.0	0.0	2.087	0.0	0.0	2.12	0.0
4	4738	4739	SN	1	0.0	27.569	10.819	0.0	28.336	10.697	0.0	153.273	5.572	0.0	136.234	5.599	0.0	1.931	0.0	0.0	1.963	0.0	0.0	2.084	0.0	0.0	2.111	0.0
5	4738	4739	SN	1	0.0	27.569	10.972	0.0	28.336	10.726	0.0	153.273	5.836	0.0	15.442	5.553	0.0	1.931	0.0	0.0	1.963	0.0	0.0	2.084	0.0	0.0	2.111	0.0
6	4738	4739	SN	1	0.0	27.569	10.821	0.0	28.336	10.703	0.0	153.273	5.578	0.0	53.964	5.594	0.0	1.931	0.0	0.0	1.963	0.0	0.0	2.084	0.0	0.0	2.111	0.0
7	4739	4740	SN	1	0.0	38.087	15.918	0.0	57.083	13.945	0.0	163.58	15.379	0.0	43.651	14.785	0.0	1.925	0.0	0.0	1.931	0.0	0.0	2.086	0.0	0.0	2.11	0.0
8	4739	4740	SN	1	0.0	38.087	15.93	0.0	57.083	13.945	0.0	163.58	15.385	0.0	43.651	14.785	0.0	1.925	0.0	0.0	1.931	0.0	0.0	2.086	0.0	0.0	2.11	0.0
9	4739	4740	SN	1	0.0	27.641	10.864	0.0	28.331	10.737	0.0	167.011	5.75	0.0	15.459	5.679	0.0	1.931	0.0	0.0	1.966	0.0	0.0	2.085	0.0	0.0	2.111	0.0
10	4739	4740	SN	1	0.0	38.087	15.988	0.0	57.083	13.775	0.0	163.58	15.571	0.0	19.512	14.594	0.0	1.925	0.0	0.0	1.931	0.0	0.0	2.086	0.0	0.0	2.11	0.0
11	4739	4740	SN	1	0.0	27.641	10.819	0.0	28.331	10.721	0.0	167.011	5.664	0.0	132.429	5.734	0.0	1.931	0.0	0.0	1.966	0.0	0.0	2.085	0.0	0.0	2.111	0.0
12	4739	4740	NS	1	0.0	25.97	9.055	0.0	27.812	9.424	0.0	353.15	2.928	0.0	42.267	3.294	0.0	1.894	0.0	0.0	1.9	0.0	0.0	2.023	0.0	0.0	2.029	0.0
13	4739	4740	SN	1	0.0	27.641	10.824	0.0	28.331	10.721	0.0	167.011	5.668	0.0	65.364	5.729	0.0	1.931	0.0	0.0	1.966	0.0	0.0	2.085	0.0	0.0	2.111	0.0
14	4739	4740	NS	1	0.0	25.761	15.26	0.0	33.851	15.612	0.0	142.279	12.357	0.0	37.701	13.06	0.0	1.904	0.0	0.0	1.917	0.0	0.0	2.031	0.0	0.0	2.037	0.0
15	4740	4741	SN	1	0.0	38.048	16.033	0.0	28.066	13.813	0.0	164.071	15.455	0.0	20.328	14.665	0.0	1.918	0.0	0.0	1.945	0.0	0.0	2.087	0.0	0.0	2.084	0.0
16	4740	4741	NS	1	0.0	25.981	9.074	0.0	25.865	9.414	0.0	136.891	2.91	0.0	47.197	3.257	0.0	1.893	0.0	0.0	1.9	0.0	0.0	2.024	0.0	0.0	2.028	0.0
17	4740	4741	NS	1	0.0	25.777	15.317	0.0	33.812	15.456	0.0	355.985	12.289	0.0	37.905	13.071	0.0	1.904	0.0	0.0	1.917	0.0	0.0	2.03	0.0	0.0	2.035	0.0
18	4740	4741	NS	1	0.0	25.777	15.307	0.0	33.812	15.456	0.0	355.985	12.289	0.0	37.91	13.079	0.0	1.904	0.0	0.0	1.917	0.0	0.0	2.03	0.0	0.0	2.034	0.0
19	4740	4741	SN	1	0.0	27.63	10.88	0.0	28.342	10.7	0.0	165.422	5.69	0.0	134.547	5.751	0.0	1.933	0.0	0.0	1.965	0.0	0.0	2.084	0.0	0.0	2.11	0.0
20	4740	4741	SN	1	0.0	27.63	10.88	0.0	28.342	10.7	0.0	165.422	5.69	0.0	134.547	5.751	0.0	1.933	0.0	0.0	1.965	0.0	0.0	2.084	0.0	0.0	2.11	0.0
21	4740	4741	NS	1	0.0	25.981	9.067	0.0	25.876	9.407	0.0	136.951	2.91	0.0	51.659	3.263	0.0	1.893	0.0	0.0	1.9	0.0	0.0	2.024	0.0	0.0	2.028	0.0
22	4740	4741	SN	1	0.0	27.63	10.915	0.0	28.342	10.718	0.0	165.422	5.772	0.0	15.448	5.69	0.0	1.933	0.0	0.0	1.965	0.0	0.0	2.084	0.0	0.0	2.11	0.0
23	4740	4741	SN	1	0.0	38.048	15.964	0.0	28.044	13.932	0.0	164.071	15.3	0.0	69.412	14.861	0.0	1.918	0.0	0.0	1.945	0.0	0.0	2.087	0.0	0.0	2.084	0.0
24	4740	4741	SN	1	0.0	38.048	15.961	0.0	28.044	13.968	0.0	164.071	15.3	0.0	142.003	14.894	0.0	1.918	0.0	0.0	1.945	0.0	0.0	2.087	0.0	0.0	2.084	0.0
25	4741	4742	NS	1	0.0	25.761	15.453	0.0	36.156	15.471	0.0	351.832	12.316	0.0	52.244	13.005	0.0	1.903	0.0	0.0	1.917	0.0	0.0	2.029	0.0	0.0	2.032	0.0
26	4741	4742	SN	1	0.0	37.872	15.955	0.0	28.634	13.953	0.0	152.026	15.313	0.0	56.898	14.828	0.0	1.926	0.0	0.0	1.956	0.0	0.0	2.086	0.0	0.0	2.078	0.0
27	4741	4742	SN	1	0.0	37.877	15.964	0.0	28.634	13.953	0.0	152.071	15.315	0.0	56.584	14.835	0.0	1.913	0.0	0.0	1.956	0.0	0.0	2.086	0.0	0.0	2.08	0.0
28	4741	4742	NS	1	0.0	25.965	9.094	0.0	25.871	9.444	0.0	154.715	2.897	0.0	58.944	3.234	0.0	1.893	0.0	0.0	1.899	0.0	0.0	2.022	0.0	0.0	2.028	0.0
29	4741	4742	SN	1	0.0	27.514	10.915	0.0	28.336	10.72	0.0	151.028	5.734	0.0	55.023	5.76	0.0	1.935	0.0	0.0	1.964	0.0	0.0	2.083	0.0	0.0	2.108	0.0
30	4741	4742	SN	1	0.0	37.877	16.028	0.0	28.634	13.761	0.0	152.071	15.561	0.0	18.415	14.548	0.0	1.913	0.0	0.0	1.956	0.0	0.0	2.086	0.0	0.0	2.08	0.0
31	4741	4742	NS	1	0.0	25.783	15.367	0.0	33.84	15.466	0.0	355.378	12.261	0.0	54.852	13.071	0.0	1.904	0.0	0.0	1.917	0.0	0.0	2.029	0.0	0.0	2.032	0.0

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



32	4741	4742	SN	1	0.0	27.514	10.9	0.0	28.336	10.727	0.0	151.061	5.725	0.0	136.466	5.763	0.0	1.935	0.0	0.0	1.964	0.0	0.0	2.083	0.0	0.0	2.109	0.0
33	4741	4742	SN	1	0.0	27.514	10.949	0.0	28.336	10.741	0.0	151.061	5.843	0.0	15.459	5.691	0.0	1.935	0.0	0.0	1.964	0.0	0.0	2.083	0.0	0.0	2.109	0.0
34	4741	4742	NS	1	0.0	25.965	9.093	0.0	27.884	9.424	0.0	148.423	2.882	0.0	56.452	3.24	0.0	1.892	0.0	0.0	1.899	0.0	0.0	2.023	0.0	0.0	2.028	0.0
35	4742	4743	SN	1	0.0	27.707	10.996	0.0	28.336	10.739	0.0	189.92	5.927	0.0	15.448	5.696	0.0	1.934	0.0	0.0	1.961	0.0	0.0	2.085	0.0	0.0	2.105	0.0
36	4742	4743	NS	1	0.0	25.965	9.099	0.0	27.74	9.398	0.0	353.15	2.889	0.0	42.129	3.262	0.0	1.894	0.0	0.0	1.899	0.0	0.0	2.023	0.0	0.0	2.028	0.0
37	4742	4743	SN	1	0.0	27.702	10.904	0.0	28.336	10.727	0.0	189.948	5.737	0.0	69.031	5.743	0.0	1.934	0.0	0.0	1.961	0.0	0.0	2.086	0.0	0.0	2.105	0.0
38	4742	4743	SN	1	0.0	38.103	16.024	0.0	28.65	14.009	0.0	191.878	15.295	0.0	59.237	14.797	0.0	1.914	0.0	0.0	1.937	0.0	0.0	2.089	0.0	0.0	2.123	0.0
39	4742	4743	NS	1	0.0	25.805	15.374	0.0	37.723	15.514	0.0	175.088	12.333	0.0	33.923	12.99	0.0	1.903	0.0	0.0	1.917	0.0	0.0	2.03	0.0	0.0	2.032	0.0
40	4742	4743	SN	1	0.0	37.177	16.036	0.0	28.049	14.019	0.0	191.872	15.283	0.0	59.237	14.804	0.0	1.916	0.0	0.0	1.947	0.0	0.0	2.089	0.0	0.0	2.123	0.0
41	4742	4743	NS	1	0.0	25.766	15.432	0.0	34.281	15.487	0.0	117.07	12.316	0.0	49.122	13.022	0.0	1.903	0.0	0.0	1.917	0.0	0.0	2.029	0.0	0.0	2.033	0.0
42	4742	4743	NS	1	0.0	25.965	9.096	0.0	27.801	9.396	0.0	353.15	2.922	0.0	39.807	3.266	0.0	1.893	0.0	0.0	1.9	0.0	0.0	2.024	0.0	0.0	2.027	0.0
43	4742	4743	SN	1	0.0	37.177	16.157	0.0	28.049	13.643	0.0	191.872	15.657	0.0	15.778	14.393	0.0	1.916	0.0	0.0	1.947	0.0	0.0	2.089	0.0	0.0	2.123	0.0
44	4742	4743	SN	1	0.0	27.707	10.895	0.0	28.336	10.718	0.0	189.92	5.741	0.0	146.972	5.752	0.0	1.934	0.0	0.0	1.961	0.0	0.0	2.085	0.0	0.0	2.105	0.0
45	4743	4744	NS	1	0.0	25.976	9.099	0.0	27.829	9.43	0.0	130.736	2.924	0.0	53.722	3.308	0.0	1.894	0.0	0.0	1.9	0.0	0.0	2.023	0.0	0.0	2.029	0.0
46	4743	4744	SN	1	0.0	27.691	10.875	0.0	28.336	10.7	0.0	162.13	5.766	0.0	165.933	5.722	0.0	1.934	0.0	0.0	1.964	0.0	0.0	2.086	0.0	0.0	2.105	0.0
47	4743	4744	SN	1	0.0	27.691	10.877	0.0	28.336	10.702	0.0	162.13	5.768	0.0	59.038	5.715	0.0	1.934	0.0	0.0	1.964	0.0	0.0	2.086	0.0	0.0	2.105	0.0
48	4743	4744	SN	1	0.0	38.748	16.095	0.0	28.645	13.913	0.0	189.909	15.431	0.0	28.468	14.768	0.0	1.921	0.0	0.0	1.959	0.0	0.0	2.089	0.0	0.0	2.121	0.0
49	4743	4744	SN	1	0.0	27.691	10.901	0.0	28.336	10.718	0.0	162.13	5.809	0.0	16.164	5.686	0.0	1.934	0.0	0.0	1.964	0.0	0.0	2.086	0.0	0.0	2.105	0.0
50	4743	4744	SN	1	0.0	38.748	16.058	0.0	28.645	13.974	0.0	189.909	15.342	0.0	53.948	14.834	0.0	1.921	0.0	0.0	1.959	0.0	0.0	2.089	0.0	0.0	2.121	0.0
51	4743	4744	SN	1	0.0	38.748	16.055	0.0	28.645	13.974	0.0	189.909	15.337	0.0	53.948	14.834	0.0	1.921	0.0	0.0	1.959	0.0	0.0	2.089	0.0	0.0	2.121	0.0
52	4743	4744	NS	1	0.0	25.805	15.346	0.0	37.072	15.514	0.0	355.081	12.316	0.0	36.377	13.033	0.0	1.903	0.0	0.0	1.916	0.0	0.0	2.029	0.0	0.0	2.033	0.0
53	4743	4744	NS	1	0.0	25.805	15.346	0.0	37.072	15.514	0.0	355.081	12.316	0.0	36.377	13.033	0.0	1.903	0.0	0.0	1.916	0.0	0.0	2.029	0.0	0.0	2.033	0.0
54	4743	4744	NS	1	0.0	25.976	9.099	0.0	27.829	9.43	0.0	130.736	2.924	0.0	53.722	3.308	0.0	1.894	0.0	0.0	1.9	0.0	0.0	2.023	0.0	0.0	2.029	0.0
55	4744	4745	SN	1	0.0	38.611	15.932	0.0	28.049	13.931	0.0	155.953	15.379	0.0	51.709	14.778	0.0	1.913	0.0	0.0	1.924	0.0	0.0	2.087	0.0	0.0	2.105	0.0
56	4744	4745	SN	1	0.0	38.611	16.044	0.0	28.049	13.615	0.0	155.953	15.762	0.0	15.955	14.33	0.0	1.913	0.0	0.0	1.924	0.0	0.0	2.087	0.0	0.0	2.105	0.0
57	4744	4745	NS	1	0.0	25.783	15.317	0.0	38.109	15.559	0.0	358.357	12.366	0.0	52.431	13.043	0.0	1.903	0.0	0.0	1.917	0.0	0.0	2.028	0.0	0.0	2.033	0.0
58	4744	4745	NS	1	0.0	25.783	15.296	0.0	38.114	15.539	0.0	358.357	12.373	0.0	52.398	13.043	0.0	1.903	0.0	0.0	1.917	0.0	0.0	2.028	0.0	0.0	2.033	0.0
59	4744	4745	SN	1	0.0	38.611	15.939	0.0	28.049	13.931	0.0	155.953	15.381	0.0	51.709	14.778	0.0	1.913	0.0	0.0	1.924	0.0	0.0	2.087	0.0	0.0	2.105	0.0
60	4744	4745	SN	1	0.0	27.426	11.01	0.0	28.336	10.716	0.0	174.456	5.892	0.0	14.328	5.66	0.0	1.933	0.0	0.0	1.963	0.0	0.0	2.085	0.0	0.0	2.115	0.0
61	4744	4745	NS	1	0.0	25.965	9.061	0.0	27.878	9.433	0.0	141.898	2.913	0.0	60.522	3.363	0.0	1.892	0.0	0.0	1.9	0.0	0.0	2.022	0.0	0.0	2.029	0.0
62	4744	4745	NS	1	0.0	25.976	9.061	0.0	27.878	9.428	0.0	141.959	2.916	0.0	60.461	3.37	0.0	1.893	0.0	0.0	1.899	0.0	0.0	2.023	0.0	0.0	2.029	0.0
63	4744	4745	SN	1	0.0	27.426	10.902	0.0	28.336	10.702	0.0	174.456	5.699	0.0	54.709	5.705	0.0	1.933	0.0	0.0	1.963	0.0	0.0	2.085	0.0	0.0	2.115	0.0
64	4744	4745	SN	1	0.0	27.426	10.898	0.0	28.336	10.695	0.0	174.456	5.695	0.0	132.093	5.712	0.0	1.933	0.0	0.0	1.963	0.0	0.0	2.085	0.0	0.0	2.115	0.0
65	4745	4746	SN	1	0.0	38.109	15.986	0.0	28.639	13.991	0.0	159.29	15.255	0.0	65.171	14.797	0.0	1.913	0.0	0.0	1.944	0.0	0.0	2.088	0.0	0.0	2.089	0.0
66	4745	4746	SN	1	0.0	38.109	15.986	0.0	28.639	13.991	0.0	159.29	15.255	0.0	65.171	14.797	0.0	1.913	0.0	0.0	1.944	0.0	0.0	2.088	0.0	0.0	2.089	0.0
67	4745	4746	SN	1	0.0	27.636	10.861	0.0	28.331	10.636	0.0	160.343	5.628	0.0	69.892	5.593	0.0	1.932	0.0	0.0	1.961	0.0	0.0	2.083	0.0	0.0	2.104	0.0
68	4745	4746	SN	1	0.0	27.636	10.861	0.0	28.331	10.636	0.0	160.343	5.628	0.0	69.892	5.593	0.0	1.932	0.0	0.0	1.961	0.0	0.0	2.083	0.0	0.0	2.104	0.0

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

69	4745	4746	NS	1	0.0	25.981	9.012	0.0	27.702	9.436	0.0	353.189	2.938	0.0	42.863	3.37	0.0	1.893	0.0	0.0	1.9	0.0	0.0	2.025	0.0	0.0	2.031	0.0
70	4745	4746	NS	1	0.0	61.589	9.012	0.0	27.707	9.45	0.0	353.178	2.933	0.0	42.807	3.37	0.0	1.893	0.0	0.0	1.899	0.0	0.0	2.025	0.0	0.0	2.031	0.0
71	4745	4746	NS	1	0.0	54.899	15.39	0.0	33.807	15.518	0.0	354.722	12.341	0.0	37.921	13.101	0.0	1.903	0.0	0.0	1.917	0.0	0.0	2.026	0.0	0.0	2.034	0.0
72	4745	4746	NS	1	0.0	25.766	15.36	0.0	37.739	15.507	0.0	354.728	12.348	0.0	37.96	13.066	0.0	1.903	0.0	0.0	1.917	0.0	0.0	2.026	0.0	0.0	2.035	0.0
73	4745	4746	SN	1	0.0	38.109	16.315	0.0	26.83	13.362	0.0	159.29	16.121	0.0	15.459	14.136	0.0	1.913	0.0	0.0	1.944	0.0	0.0	2.088	0.0	0.0	2.089	0.0
74	4745	4746	SN	1	0.0	27.636	11.238	0.0	28.331	10.75	0.0	160.343	6.169	0.0	14.328	5.698	0.0	1.932	0.0	0.0	1.961	0.0	0.0	2.083	0.0	0.0	2.104	0.0
75	4746	4747	NS	1	0.0	25.976	9.007	0.0	27.895	9.451	0.0	141.016	2.91	0.0	57.279	3.382	0.0	1.895	0.0	0.0	1.901	0.0	0.0	2.024	0.0	0.0	2.03	0.0
76	4746	4747	NS	1	0.0	25.976	9.007	0.0	27.895	9.451	0.0	141.016	2.91	0.0	57.279	3.382	0.0	1.895	0.0	0.0	1.901	0.0	0.0	2.024	0.0	0.0	2.03	0.0
77	4746	4747	SN	1	0.0	27.542	10.818	0.0	28.336	10.614	0.0	153.471	5.563	0.0	58.012	5.575	0.0	1.932	0.0	0.0	1.964	0.0	0.0	2.083	0.0	0.0	2.125	0.0
78	4746	4747	SN	1	0.0	35.533	16.016	0.0	28.071	13.986	0.0	160.867	15.299	0.0	74.513	14.956	0.0	1.917	0.0	0.0	1.976	0.0	0.0	2.086	0.0	0.0	2.122	0.0
79	4746	4747	NS	1	0.0	25.783	15.44	0.0	35.274	15.464	0.0	355.136	12.352	0.0	35.439	13.084	0.0	1.904	0.0	0.0	1.917	0.0	0.0	2.03	0.0	0.0	2.034	0.0
80	4746	4747	NS	1	0.0	25.783	15.44	0.0	35.274	15.464	0.0	355.136	12.352	0.0	35.439	13.084	0.0	1.904	0.0	0.0	1.917	0.0	0.0	2.03	0.0	0.0	2.034	0.0
81	4747	4748	NS	1	0.0	25.97	9.027	0.0	28.209	9.435	0.0	137.211	2.908	0.0	53.126	3.398	0.0	1.895	0.0	0.0	1.897	0.0	0.0	2.025	0.0	0.0	2.03	0.0
82	4747	4748	NS	1	0.0	25.788	15.324	0.0	38.158	15.512	0.0	354.375	12.379	0.0	52.707	13.096	0.0	1.903	0.0	0.0	1.916	0.0	0.0	2.03	0.0	0.0	2.036	0.0
83	4748	4749	SN	1	0.0	27.619	10.817	0.0	28.331	10.657	0.0	157.111	5.598	0.0	69.792	5.616	0.0	1.933	0.0	0.0	1.961	0.0	0.0	2.086	0.0	0.0	2.124	0.0
84	4748	4749	SN	1	0.0	37.772	15.915	0.0	28.071	13.983	0.0	153.653	15.277	0.0	44.109	14.927	0.0	1.923	0.0	0.0	1.979	0.0	0.0	2.088	0.0	0.0	2.09	0.0
85	4749	4750	NS	1	0.0	25.976	9.068	0.0	25.424	9.426	0.0	137.983	2.955	0.0	13.175	3.319	0.0	1.893	0.0	0.0	1.901	0.0	0.0	2.024	0.0	0.0	2.032	0.0
86	4749	4750	NS	1	0.0	25.772	15.45	0.0	30.399	15.249	0.0	355.853	12.486	0.0	17.499	12.714	0.0	1.903	0.0	0.0	1.918	0.0	0.0	2.03	0.0	0.0	2.035	0.0
87	4749	4750	SN	1	0.0	27.586	10.823	0.0	28.331	10.63	0.0	162.852	5.612	0.0	59.893	5.606	0.0	1.932	0.0	0.0	1.96	0.0	0.0	2.087	0.0	0.0	2.098	0.0
88	4749	4750	NS	1	0.0	25.772	15.408	0.0	33.746	15.476	0.0	355.853	12.353	0.0	37.392	13.056	0.0	1.903	0.0	0.0	1.918	0.0	0.0	2.03	0.0	0.0	2.035	0.0
89	4749	4750	SN	1	0.0	37.678	16.046	0.0	28.033	14.046	0.0	180.749	15.246	0.0	70.719	14.936	0.0	1.93	0.0	0.0	1.931	0.0	0.0	2.087	0.0	0.0	2.119	0.0
90	4749	4750	NS	1	0.0	25.976	9.028	0.0	28.391	9.447	0.0	137.983	2.924	0.0	48.405	3.423	0.0	1.893	0.0	0.0	1.901	0.0	0.0	2.024	0.0	0.0	2.032	0.0
91	4750	4751	NS	1	0.0	25.976	9.02	0.0	27.724	9.456	0.0	322.559	2.955	0.0	43.216	3.397	0.0	1.893	0.0	0.0	1.9	0.0	0.0	2.026	0.0	0.0	2.03	0.0
92	4750	4751	NS	1	0.0	25.799	15.303	0.0	37.656	15.532	0.0	327.627	12.51	0.0	33.41	13.025	0.0	1.904	0.0	0.0	1.918	0.0	0.0	2.03	0.0	0.0	2.037	0.0
93	4750	4751	SN	1	0.0	27.696	10.804	0.0	28.347	10.597	0.0	191.768	5.58	0.0	54.692	5.569	0.0	1.932	0.0	0.0	1.962	0.0	0.0	2.087	0.0	0.0	2.119	0.0
94	4750	4751	NS	1	0.855	25.799	15.473	0.0	30.388	15.049	0.0	327.627	12.855	0.0	14.289	12.351	0.002	1.904	0.0	0.0	1.918	0.0	0.0	2.03	0.0	0.0	2.037	0.0
95	4750	4751	NS	1	0.0	25.976	9.11	0.0	24.922	9.457	0.0	322.559	3.058	0.0	11.73	3.251	0.0	1.893	0.0	0.0	1.9	0.0	0.0	2.026	0.0	0.0	2.03	0.0
96	4750	4751	SN	1	0.0	37.292	16.078	0.0	28.071	13.997	0.0	182.563	15.35	0.0	51.725	15.008	0.0	1.911	0.0	0.0	1.958	0.0	0.0	2.084	0.0	0.0	2.109	0.0
97	4751	4752	NS	1	0.0	25.981	9.242	0.0	24.911	9.49	0.0	354.722	3.212	0.0	11.736	3.263	0.0	1.894	0.0	0.0	1.901	0.0	0.0	2.026	0.0	0.0	2.032	0.0
98	4751	4752	NS	1	0.0	25.738	15.671	0.0	30.382	14.849	0.0	355.682	13.124	0.0	13.468	12.135	0.0	1.904	0.0	0.0	1.918	0.0	0.0	2.03	0.0	0.0	2.035	0.0
99	4753	4754	SN	1	0.0	27.597	10.682	0.0	28.32	10.634	0.0	162.273	5.464	0.0	55.15	5.576	0.0	1.931	0.0	0.0	1.963	0.0	0.0	2.084	0.0	0.0	2.121	0.0
100	4753	4754	NS	1	0.0	25.992	9.029	0.0	28.43	9.443	0.0	266.65	2.938	0.0	43.949	3.358	0.0	1.893	0.0	0.0	1.898	0.0	0.0	2.025	0.0	0.0	2.032	0.0
101	4753	4754	SN	1	0.0	27.597	10.761	0.0	28.32	10.653	0.0	162.273	5.578	0.0	14.322	5.515	0.0	1.931	0.0	0.0	1.963	0.0	0.0	2.084	0.0	0.0	2.121	0.0
102	4753	4754	SN	1	0.0	27.597	10.676	0.0	28.32	10.634	0.0	162.273	5.459	0.0	55.15	5.576	0.0	1.931	0.0	0.0	1.963	0.0	0.0	2.084	0.0	0.0	2.121	0.0
103	4753	4754	SN	1	0.0	36.36	16.058	0.0	28.077	14.037	0.0	157.161	15.266	0.0	52.227	15.038	0.0	1.913	0.0	0.0	1.948	0.0	0.0	2.087	0.0	0.0	2.125	0.0
104	4753	4754	SN	1	0.0	36.36	16.058	0.0	28.077	14.037	0.0	157.161	15.264	0.0	52.227	15.038	0.0	1.913	0.0	0.0	1.948	0.0	0.0	2.087	0.0	0.0	2.125	0.0
105	4753	4754	SN	1	0.0	36.36	16.148	0.0	28.077	13.778	0.0	157.161	15.512	0.0	17.267	14.707	0.0	1.913	0.0	0.0	1.948	0.0	0.0	2.087	0.0	0.0	2.125	0.0

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

106	4753	4754	NS	1	0.0	25.816	15.471	0.0	34.265	15.497	0.0	352.064	12.433	0.0	48.896	12.994	0.0	1.903	0.0	0.0	1.92	0.0	0.0	2.028	0.0	0.0	2.035	0.0
107	4754	4755	SN	1	0.0	38.699	16.097	0.0	28.082	13.851	0.0	158.347	15.512	0.0	22.066	14.923	0.0	1.927	0.0	0.0	1.936	0.0	0.0	2.085	0.0	0.0	2.119	0.0
108	4754	4755	SN	1	0.0	38.699	16.045	0.0	28.082	14.004	0.0	158.347	15.36	0.0	62.165	15.055	0.0	1.927	0.0	0.0	1.936	0.0	0.0	2.085	0.0	0.0	2.119	0.0
109	4754	4755	SN	1	0.0	27.603	10.7	0.0	28.32	10.645	0.0	152.038	5.47	0.0	61.487	5.575	0.0	1.931	0.0	0.0	1.961	0.0	0.0	2.091	0.0	0.0	2.105	0.0
110	4754	4755	NS	1	0.0	25.799	15.314	0.0	38.721	15.485	0.0	355.809	12.387	0.0	34.684	13.019	0.0	1.903	0.0	0.0	1.919	0.0	0.0	2.032	0.0	0.0	2.036	0.0
111	4754	4755	NS	1	0.0	25.799	15.324	0.0	38.721	15.495	0.0	355.814	12.394	0.0	34.678	13.026	0.0	1.903	0.0	0.0	1.919	0.0	0.0	2.032	0.0	0.0	2.036	0.0
112	4754	4755	SN	1	0.0	27.603	10.755	0.0	28.32	10.663	0.0	152.038	5.538	0.0	14.328	5.532	0.0	1.931	0.0	0.0	1.961	0.0	0.0	2.091	0.0	0.0	2.105	0.0
113	4754	4755	SN	1	0.0	27.603	10.755	0.0	28.32	10.663	0.0	152.038	5.538	0.0	14.328	5.532	0.0	1.931	0.0	0.0	1.961	0.0	0.0	2.091	0.0	0.0	2.105	0.0
114	4754	4755	SN	1	0.0	38.699	16.097	0.0	28.082	13.851	0.0	158.347	15.512	0.0	22.066	14.923	0.0	1.927	0.0	0.0	1.936	0.0	0.0	2.085	0.0	0.0	2.119	0.0
115	4754	4755	NS	1	0.0	25.987	9.018	0.0	27.862	9.455	0.0	354.595	2.918	0.0	40.342	3.424	0.0	1.894	0.0	0.0	1.902	0.0	0.0	2.025	0.0	0.0	2.031	0.0
116	4754	4755	NS	1	0.0	25.987	9.014	0.0	28.413	9.452	0.0	354.59	2.911	0.0	40.348	3.424	0.0	1.894	0.0	0.0	1.902	0.0	0.0	2.025	0.0	0.0	2.031	0.0
117	4755	4756	NS	1	0.0	25.97	9.024	0.0	28.336	9.438	0.0	137.751	2.937	0.0	49.966	3.422	0.0	1.894	0.0	0.0	1.9	0.0	0.0	2.024	0.0	0.0	2.031	0.0
118	4755	4756	NS	1	0.0	25.97	9.024	0.0	28.336	9.438	0.0	137.751	2.937	0.0	49.966	3.422	0.0	1.894	0.0	0.0	1.9	0.0	0.0	2.024	0.0	0.0	2.031	0.0
119	4755	4756	SN	1	0.0	27.531	10.735	0.0	28.331	10.645	0.0	161.33	5.484	0.0	118.134	5.579	0.0	1.937	0.0	0.0	1.963	0.0	0.0	2.092	0.0	0.0	2.121	0.0
120	4755	4756	SN	1	0.0	38.583	15.981	0.0	28.066	13.951	0.0	160.448	15.298	0.0	279.255	14.991	0.0	1.922	0.0	0.0	1.94	0.0	0.0	2.086	0.0	0.0	2.104	0.0
121	4755	4756	NS	1	0.0	25.799	15.283	0.0	38.131	15.54	0.0	355.991	12.437	0.0	36.868	13.043	0.0	1.906	0.0	0.0	1.917	0.0	0.0	2.031	0.0	0.0	2.034	0.0
122	4755	4756	NS	1	0.0	25.799	15.283	0.0	38.131	15.54	0.0	355.991	12.437	0.0	36.868	13.043	0.0	1.906	0.0	0.0	1.917	0.0	0.0	2.031	0.0	0.0	2.034	0.0
123	4755	4756	SN	1	0.0	27.531	10.735	0.0	28.331	10.645	0.0	161.33	5.484	0.0	118.145	5.581	0.0	1.937	0.0	0.0	1.963	0.0	0.0	2.092	0.0	0.0	2.121	0.0
124	4755	4756	SN	1	0.0	38.583	15.981	0.0	28.066	13.951	0.0	160.448	15.298	0.0	279.255	14.991	0.0	1.922	0.0	0.0	1.94	0.0	0.0	2.086	0.0	0.0	2.104	0.0
125	4755	4756	SN	1	0.0	27.531	10.807	0.0	28.331	10.667	0.0	161.33	5.575	0.0	14.328	5.523	0.0	1.937	0.0	0.0	1.963	0.0	0.0	2.092	0.0	0.0	2.121	0.0
126	4755	4756	SN	1	0.0	38.583	16.05	0.0	28.071	13.806	0.0	160.448	15.499	0.0	279.255	14.77	0.0	1.922	0.0	0.0	1.94	0.0	0.0	2.086	0.0	0.0	2.104	0.0
127	4756	4757	NS	1	0.0	25.97	9.021	0.0	28.331	9.436	0.0	162.177	2.926	0.0	49.078	3.416	0.0	1.893	0.0	0.0	1.901	0.0	0.0	2.024	0.0	0.0	2.031	0.0
128	4756	4757	NS	1	0.0	25.816	15.357	0.0	37.645	15.562	0.0	354.463	12.411	0.0	33.515	13.051	0.0	1.902	0.0	0.0	1.919	0.0	0.0	2.028	0.0	0.0	2.035	0.0
129	4756	4757	NS	1	0.0	25.81	15.303	0.0	38.109	15.51	0.0	354.491	12.408	0.0	53.109	13.03	0.0	1.902	0.0	0.0	1.918	0.0	0.0	2.028	0.0	0.0	2.035	0.0
130	4756	4757	SN	1	0.64	37.485	16.089	0.0	28.049	13.697	0.0	160.525	15.635	0.0	17.074	14.712	0.001	1.922	0.0	0.0	1.935	0.0	0.0	2.086	0.0	0.0	2.1	0.0
131	4756	4757	SN	1	0.0	37.485	15.992	0.0	28.066	13.931	0.0	160.503	15.315	0.0	52.415	15.041	0.0	1.91	0.0	0.0	1.935	0.0	0.0	2.086	0.0	0.0	2.1	0.0
132	4756	4757	SN	1	0.0	27.625	10.864	0.0	28.325	10.664	0.0	155.247	5.72	0.0	14.345	5.521	0.0	1.932	0.0	0.0	1.963	0.0	0.0	2.084	0.0	0.0	2.1	0.0
133	4756	4757	NS	1	0.0	25.987	9.036	0.0	28.457	9.433	0.0	164.217	2.943	0.0	43.624	3.425	0.0	1.893	0.0	0.0	1.901	0.0	0.0	2.024	0.0	0.0	2.031	0.0
134	4756	4757	SN	1	0.0	27.63	10.757	0.0	28.325	10.638	0.0	155.258	5.579	0.0	55.227	5.584	0.0	1.932	0.0	0.0	1.962	0.0	0.0	2.086	0.0	0.0	2.096	0.0
135	4757	4758	SN	1	0.0	35.335	16.078	0.0	27.514	13.996	0.0	189.126	15.313	0.0	40.441	15.098	0.0	1.921	0.0	0.0	1.961	0.0	0.0	2.088	0.0	0.0	2.118	0.0
136	4757	4758	NS	1	0.0	25.799	15.288	0.0	33.741	15.495	0.0	355.742	12.387	0.0	37.077	13.006	0.0	1.903	0.0	0.0	1.918	0.0	0.0	2.03	0.0	0.0	2.036	0.0
137	4757	4758	NS	1	0.0	25.976	9.023	0.0	28.364	9.453	0.0	354.584	2.931	0.0	35.726	3.41	0.0	1.893	0.0	0.0	1.902	0.0	0.0	2.025	0.0	0.0	2.029	0.0
138	4757	4758	SN	1	0.0	27.636	10.776	0.0	28.331	10.612	0.0	179.789	5.563	0.0	23.317	5.531	0.0	1.932	0.0	0.0	1.96	0.0	0.0	2.083	0.0	0.0	2.122	0.0
139	4758	4759	SN	1	0.0	27.487	11.026	0.0	28.331	10.618	0.0	166.261	5.868	0.0	14.339	5.509	0.0	1.931	0.0	0.0	1.96	0.0	0.0	2.087	0.0	0.0	2.122	0.0
140	4758	4759	SN	1	0.0	35.257	16.127	0.0	28.088	14.057	0.0	163.718	15.313	0.0	56.832	15.042	0.0	1.928	0.0	0.0	1.943	0.0	0.0	2.086	0.0	0.0	2.116	0.0
141	4758	4759	SN	1	0.0	35.45	16.108	0.0	27.525	14.006	0.0	163.746	15.293	0.0	56.76	15.013	0.0	1.928	0.0	0.0	1.943	0.0	0.0	2.086	0.0	0.0	2.116	0.0
142	4758	4759	SN	1	0.0	27.487	10.798	0.0	28.331	10.56	0.0	166.261	5.558	0.0	55.056	5.506	0.0	1.931	0.0	0.0	1.96	0.0	0.0	2.087	0.0	0.0	2.122	0.0

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

143	4758	4759	SN	1	0.0	27.487	10.778	0.0	28.331	10.551	0.0	166.321	5.546	0.0	54.968	5.524	0.0	1.931	0.0	0.0	1.96	0.0	0.0	2.087	0.0	0.0	2.122	0.0
144	4758	4759	SN	1	0.0	35.257	16.291	0.0	27.145	13.593	0.0	163.718	15.879	0.0	15.453	14.491	0.0	1.928	0.0	0.0	1.943	0.0	0.0	2.086	0.0	0.0	2.116	0.0
145	4758	4759	NS	1	0.0	25.799	15.408	0.0	38.053	15.466	0.0	355.985	12.396	0.0	49.001	13.013	0.0	1.902	0.0	0.0	1.918	0.0	0.0	2.028	0.0	0.0	2.036	0.0
146	4758	4759	NS	1	0.0	25.816	15.329	0.0	38.28	15.51	0.0	354.871	12.44	0.0	33.801	13.016	0.0	1.902	0.0	0.0	1.918	0.0	0.0	2.029	0.0	0.0	2.035	0.0
147	4758	4759	NS	1	0.0	25.965	9.043	0.0	28.413	9.463	0.0	140.917	2.94	0.0	54.279	3.384	0.0	1.894	0.0	0.0	1.901	0.0	0.0	2.024	0.0	0.0	2.032	0.0
148	4758	4759	NS	1	0.0	25.965	9.033	0.0	28.386	9.439	0.0	128.806	2.944	0.0	49.773	3.374	0.0	1.894	0.0	0.0	1.898	0.0	0.0	2.025	0.0	0.0	2.031	0.0
149	4759	4760	SN	1	0.0	27.553	11.059	0.0	28.325	10.611	0.0	154.348	5.919	0.0	203.346	5.504	0.0	1.931	0.0	0.0	1.961	0.0	0.0	2.084	0.0	0.0	2.122	0.0
150	4759	4760	SN	1	0.0	27.553	10.725	0.0	28.314	10.538	0.0	154.392	5.482	0.0	60.941	5.423	0.0	1.931	0.0	0.0	1.956	0.0	0.0	2.084	0.0	0.0	2.121	0.0
151	4759	4760	SN	1	0.0	37.386	16.31	0.0	26.924	13.491	0.0	156.516	16.118	0.0	15.337	14.423	0.0	1.926	0.0	0.0	1.935	0.0	0.0	2.084	0.0	0.0	2.125	0.0
152	4759	4760	NS	1	0.0	25.777	15.309	0.0	38.368	15.512	0.0	354.54	12.448	0.0	48.962	13.003	0.0	1.902	0.0	0.0	1.92	0.0	0.0	2.03	0.0	0.0	2.037	0.0
153	4759	4760	NS	1	0.0	25.992	9.052	0.0	28.386	9.458	0.0	143.713	2.954	0.0	44.137	3.373	0.0	1.894	0.0	0.0	1.903	0.0	0.0	2.024	0.0	0.0	2.032	0.0
154	4759	4760	SN	1	0.0	37.386	16.03	0.0	28.639	13.976	0.0	156.687	15.342	0.0	52.961	15.043	0.0	1.926	0.0	0.0	1.934	0.0	0.0	2.085	0.0	0.0	2.117	0.0
155	4759	4760	SN	1	0.0	37.386	16.063	0.0	28.088	13.966	0.0	156.516	15.343	0.0	53.043	15.058	0.0	1.926	0.0	0.0	1.935	0.0	0.0	2.084	0.0	0.0	2.125	0.0
156	4759	4760	NS	1	0.0	25.976	9.046	0.0	28.43	9.467	0.0	143.713	2.956	0.0	43.359	3.376	0.0	1.893	0.0	0.0	1.899	0.0	0.0	2.025	0.0	0.0	2.032	0.0
157	4759	4760	NS	1	0.0	25.777	15.272	0.0	37.64	15.49	0.0	354.468	12.432	0.0	34.364	13.003	0.0	1.902	0.0	0.0	1.92	0.0	0.0	2.03	0.0	0.0	2.037	0.0
158	4759	4760	SN	1	0.0	27.553	10.731	0.0	28.325	10.529	0.0	154.348	5.478	0.0	203.346	5.407	0.0	1.931	0.0	0.0	1.961	0.0	0.0	2.084	0.0	0.0	2.122	0.0
159	4760	4761	SN	1	0.0	27.564	10.679	0.0	28.32	10.47	0.0	155.501	5.435	0.0	61.007	5.286	0.0	1.93	0.0	0.0	1.959	0.0	0.0	2.083	0.0	0.0	2.099	0.0
160	4760	4761	NS	1	0.0	25.981	9.058	0.0	28.369	9.445	0.0	142.781	2.926	0.0	27.63	3.378	0.0	1.893	0.0	0.0	1.899	0.0	0.0	2.025	0.0	0.0	2.032	0.0
161	4760	4761	SN	1	0.0	37.761	15.949	0.0	27.547	14.064	0.0	172.217	15.258	0.0	67.603	15.105	0.0	1.925	0.0	0.0	1.975	0.0	0.0	2.085	0.0	0.0	2.085	0.0
162	4760	4761	NS	1	0.0	60.16	9.053	0.0	28.43	9.463	0.0	142.781	2.938	0.0	46.122	3.378	0.0	1.894	0.0	0.0	1.899	0.0	0.0	2.024	0.0	0.0	2.032	0.0
163	4760	4761	NS	1	0.0	36.584	15.352	0.0	38.07	15.527	0.0	355.798	12.377	0.0	36.774	13.013	0.0	1.903	0.0	0.0	1.919	0.0	0.0	2.031	0.0	0.0	2.037	0.0
164	4760	4761	NS	1	0.0	38.431	15.235	0.0	38.666	15.541	0.0	355.798	12.418	0.0	36.041	13.052	0.0	1.903	0.0	0.0	1.919	0.0	0.0	2.029	0.0	0.0	2.038	0.0
165	4760	4761	SN	1	0.0	27.564	10.686	0.0	28.32	10.47	0.0	149.627	5.439	0.0	138.589	5.29	0.0	1.929	0.0	0.0	1.959	0.0	0.0	2.084	0.0	0.0	2.101	0.0
166	4760	4761	SN	1	0.0	37.761	15.939	0.0	27.547	14.064	0.0	165.682	15.265	0.0	67.603	15.09	0.0	1.925	0.0	0.0	1.975	0.0	0.0	2.085	0.0	0.0	2.085	0.0
167	4761	4762	NS	1	0.0	25.976	9.074	0.0	28.32	9.459	0.0	341.073	2.915	0.0	55.895	3.421	0.0	1.894	0.0	0.0	1.903	0.0	0.0	2.025	0.0	0.0	2.032	0.0
168	4761	4762	NS	1	0.0	25.727	15.332	0.0	38.065	15.517	0.0	356.051	12.428	0.0	51.659	12.957	0.0	1.903	0.0	0.0	1.919	0.0	0.0	2.031	0.0	0.0	2.037	0.0
169	4761	4762	SN	1	0.0	37.48	16.048	0.0	27.239	14.077	0.0	150.973	15.307	0.0	72.478	15.049	0.0	1.917	0.0	0.0	1.945	0.0	0.0	2.084	0.0	0.0	2.111	0.0
170	4761	4762	SN	1	0.0	27.525	10.681	0.0	28.314	10.465	0.0	154.315	5.448	0.0	62.551	5.281	0.0	1.929	0.0	0.0	1.956	0.0	0.0	2.085	0.0	0.0	2.103	0.0
171	4762	4763	SN	1	0.0	35.202	16.093	0.0	27.244	13.996	0.0	152.947	15.35	0.0	52.911	15.143	0.0	1.929	0.0	0.0	1.957	0.0	0.0	2.086	0.0	0.0	2.104	0.0
172	4762	4763	NS	1	0.0	25.231	15.349	0.0	38.379	15.502	0.0	353.283	12.468	0.0	48.935	12.989	0.0	1.904	0.0	0.0	1.918	0.0	0.0	2.036	0.0	0.0	2.036	0.0
173	4762	4763	NS	1	0.0	25.97	9.045	0.0	28.413	9.454	0.0	138.032	2.925	0.0	45.19	3.394	0.0	1.901	0.0	0.0	1.9	0.0	0.0	2.034	0.0	0.0	2.034	0.0
174	4762	4763	SN	1	0.0	27.47	10.688	0.0	28.314	10.495	0.0	145.381	5.453	0.0	55.955	5.285	0.0	1.93	0.0	0.0	1.958	0.0	0.0	2.086	0.0	0.0	2.103	0.0
175	4763	4764	NS	1	0.0	25.981	9.043	0.0	28.353	9.473	0.0	355.809	2.924	0.0	41.44	3.358	0.0	1.893	0.0	0.0	1.902	0.0	0.0	2.025	0.0	0.0	2.034	0.0
176	4763	4764	SN	1	0.0	37.701	16.002	0.0	27.239	14.015	0.0	170.127	15.261	0.0	62.209	15.026	0.0	1.919	0.0	0.0	1.936	0.0	0.0	2.086	0.0	0.0	2.09	0.0
177	4763	4764	NS	1	0.0	25.424	15.245	0.0	37.607	15.544	0.0	355.809	12.427	0.0	34.392	12.933	0.0	1.904	0.0	0.0	1.92	0.0	0.0	2.031	0.0	0.0	2.036	0.0
178	4763	4764	NS	1	0.0	25.424	15.264	0.0	37.612	15.491	0.0	355.809	12.453	0.0	25.887	12.828	0.0	1.904	0.0	0.0	1.92	0.0	0.0	2.031	0.0	0.0	2.036	0.0
179	4763	4764	SN	1	0.0	27.531	10.69	0.0	28.308	10.484	0.0	178.923	5.461	0.0	61.989	5.292	0.0	1.932	0.0	0.0	1.954	0.0	0.0	2.087	0.0	0.0	2.101	0.0

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

180	4763	4764	NS	1	0.0	25.981	9.055	0.0	28.149	9.462	0.0	355.809	2.933	0.0	17.174	3.32	0.0	1.893	0.0	0.0	1.902	0.0	0.0	2.025	0.0	0.0	2.034	0.0
181	4764	4765	NS	1	0.0	25.981	9.147	0.0	25.352	9.472	0.0	280.099	2.974	0.0	12.1	3.203	0.0	1.894	0.0	0.0	1.903	0.0	0.0	2.026	0.0	0.0	2.033	0.0
182	4764	4765	SN	1	0.0	27.387	10.68	0.0	28.32	10.439	0.0	167.005	5.457	0.0	61.481	5.284	0.0	1.931	0.0	0.0	1.952	0.0	0.0	2.086	0.0	0.0	2.107	0.0
183	4764	4765	NS	1	0.0	25.981	9.083	0.0	28.275	9.478	0.0	280.099	2.919	0.0	55.762	3.334	0.0	1.894	0.0	0.0	1.903	0.0	0.0	2.026	0.0	0.0	2.033	0.0
184	4764	4765	NS	1	0.0	25.783	15.398	0.0	30.294	15.178	0.0	145.819	12.654	0.0	15.751	12.405	0.0	1.903	0.0	0.0	1.919	0.0	0.0	2.031	0.0	0.0	2.038	0.0
185	4764	4765	NS	1	0.0	25.783	15.332	0.0	38.02	15.539	0.0	145.819	12.437	0.0	47.302	12.922	0.0	1.903	0.0	0.0	1.919	0.0	0.0	2.031	0.0	0.0	2.038	0.0
186	4764	4765	SN	1	0.0	37.485	15.955	0.0	27.239	14.053	0.0	177.18	15.291	0.0	72.263	15.088	0.0	1.918	0.0	0.0	1.942	0.0	0.0	2.086	0.0	0.0	2.077	0.0
187	4765	4766	SN	1	0.0	36.829	16.078	0.0	27.25	13.997	0.0	190.196	15.294	0.0	53.054	15.074	0.0	1.915	0.0	0.0	1.941	0.0	0.0	2.084	0.0	0.0	2.111	0.0
188	4765	4766	SN	1	0.0	27.575	10.646	0.0	28.308	10.456	0.0	182.359	5.441	0.0	61.658	5.272	0.0	1.931	0.0	0.0	1.95	0.0	0.0	2.086	0.0	0.0	2.089	0.0
189	4765	4766	NS	1	0.0	25.987	9.115	0.0	28.408	9.493	0.0	331.118	2.949	0.0	26.356	3.284	0.0	1.895	0.0	0.0	1.904	0.0	0.0	2.026	0.0	0.0	2.033	0.0
190	4765	4766	NS	1	0.0	25.788	15.449	0.0	30.294	15.097	0.0	331.631	12.749	0.0	15.034	12.217	0.0	1.904	0.0	0.0	1.92	0.0	0.0	2.031	0.0	0.0	2.037	0.0
191	4765	4766	NS	1	0.0	25.987	9.194	0.0	25.176	9.472	0.0	331.118	3.016	0.0	12.094	3.14	0.0	1.895	0.0	0.0	1.904	0.0	0.0	2.026	0.0	0.0	2.033	0.0
192	4765	4766	NS	1	0.0	25.788	15.347	0.0	38.633	15.536	0.0	331.631	12.487	0.0	36.14	12.762	0.0	1.904	0.0	0.0	1.92	0.0	0.0	2.031	0.0	0.0	2.037	0.0
193	4766	4767	NS	1	0.0	25.816	15.755	0.0	30.266	14.781	0.0	354.617	13.379	0.0	13.517	11.81	0.0	1.902	0.0	0.0	1.921	0.0	0.0	2.031	0.0	0.0	2.04	0.0
194	4766	4767	NS	1	0.0	25.998	9.396	0.0	25.055	9.514	0.0	353.255	3.264	0.0	11.747	3.194	0.0	1.895	0.0	0.0	1.904	0.0	0.0	2.025	0.0	0.0	2.033	0.0

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