

Date	Times	Antenna Mode	XMTR Mode	Experiment Purpose
010107-08	2146 0229	Comp & Elscan	AC / 320	Measurements with ISTEP Sats
010108	0231 0830	Comp & Elscan	AC / 320	E-region Electrodynamics with Oersted Sat
010108-09	1940 0403	3 Positions	52-BCMP/320/320PL	High-Resolution Sporadic E Measurements
010109-10	1941 0402	3 Positions	52-BCMP/320/320PL	High-Resolution Sporadic E Measurements
010110	1616 2232	Comp & Elscan	AC / 320	E-region Electrodynamics with Oersted Sat
010113-14	1930 0800	Comp & Elscan	AC / 320	Measurements with ISTEP Sats
010114	0819 0957	Azimuth scans	52-BCMP/320/320PL	High-Resolution Sporadic E Measurements
010114	1003 1601	Partial Azscans	320 / 320	Cusp Msmnts with Svalbard radar & Cluster sat
010114-15	2149 0102	up B	AC320/50-BC	Proton Aurora Emissions with Optics
010115	0612 1229	up B	AC320/50-BC	Proton Aurora Emissions with Optics
010115	1233 1730	El & Azscan	320 / 320	Polar Cap F-Region Patches and Convection
010115	2139 2355	up B	AC320/50-BC	Proton Aurora Emissions with Optics
010116	0000 0459	El & Azscan	320 / 320	Polar Cap F-Region Patches and Convection
010116	0505 0931	up B	AC320/50-BC	Proton Aurora Emissions with Optics
010116	1227 1306	El & Azscan	320 / 320	Polar Cap F-Region Patches and Convection
010117-18	2237 0550	Various	320 / 320	Polar Cap F-Region Patch Exit
010118	0557 0824	Comp & Elscan	AC320/50-BC	E-Region Mode Test
010118	0827 1227	up B	AC320/50-BC	Proton Aurora Emissions with Optics
010118	1231 1701	El & Azscan	320 / 320	Polar Cap F-Region Patches and Convection
010118-19	2243 0403	Various	320 / 320	Polar Cap F-Region Patch Exit
010119-20	2306 0306	El & Azscan	320 / 320	Polar Cap F-Region Patches and Convection
010120-21	2252 0500	Various	320 / 320	Polar Cap F-Region Patch Exit
010121	0507 1200	up B	AC320/50-BC	Proton Aurora Emissions with Optics
010121	1219 1454	El & Azscan	320 / 320	Polar Cap F-Region Patches and Convection
010121	1457 1801	Composite Scans	320 / 320	Cusp Msmnts with Svalbard radar & Cluster sat
010122	0813 1234	up B	AC320/50-BC	Proton Aurora Emissions with Optics
010122	1238 1707	El & Azscan	320 / 320	Polar Cap F-Region Patches and Convection
010122-23	2311 0439	Various	320 / 320	Polar Cap F-Region Patch Exit
010124	1307 1710	El & Azscan	320 / 320	Polar Cap F-Region Patches and Convection
010126	0003 0407	El & Azscan	320 / 320	Polar Cap F-Region Patches and Convection
010126-27	2009 0031	up B	AC320/50-BC	Proton Aurora Emissions with Optics
010127	0035 0440	El & Azscan	320 / 320	Polar Cap F-Region Patches and Convection
010128-29	2229 0411	El & Azscan	320 / 320	Polar Cap F-Region Patches and Convection
010129-30	2129 0159	Comp & Elscan	AC / 320	Measurements with ISTEP Sats
010130	0202 0801	Comp & Elscan	AC / 320	E-region Electrodynamics with Oersted Sat
010206	1350 1721	4 Positions	480 / 480PL	F-Region Plasma Line Measurements
010207	1450 1718	4 Positions	480 / 480PL	F-Region Plasma Line Measurements
010207	1733 1815	up B	50-BC / 160	Mid-resolution E-Region Mode Test
010208	1409 1710	4 Positions	480 / 480PL	F-Region Plasma Line Measurements
010208-09	2136 0156	Comp & Elscan	AC / 320	Measurements with ISTEP Sats
010209	0200 0804	Comp & Elscan	AC / 320	E-region Electrodynamics with Oersted Sat
010209	1446 1714	3 Positions	52-BCMP/320/320PL	High-Resolution Sporadic E Measurements
010210-11	1739-1802	3 Positions	52-BCMP/320/320PL	High-Resolution Sporadic E Measurements
010212	1820 1849	up B	52-BCMP/52-raw	High-Resolution Sporadic E & Meteor Measurements
010213	1146 1245	up B	52-BCMP/52-raw	High-Resolution Sporadic E & Meteor Measurements
010213-15	1249 1600	Composite Scans	320 / 320	World Days (Cluster Satellites Mission)
010216	0037 0237	up B	50-BC / 160	Auroral Emissions with Optics
010216	0240 0325	up B	52-BCMP/52-raw	High-Resolution Sporadic E & Meteor Measurements
010216-17	2249 0518	up B	50-BC / 160	Auroral Emissions with Optics
010217-18	2240-0315	up B	50-BC / 160	Auroral Emissions with Optics
010220-21	2238-0258	up B	50-BC / 160	Auroral Emissions with Optics
010221-22	2230 0411	up B	50-BC / 160	Auroral Emissions with Optics
010222-23	2235 0600	up B	50-BC / 160	Auroral Emissions with Optics
010223	1131 2135	Comp & Elscan	AC / 320	Measurements with ISTEP and Oersted Sats
010225	0005 0534	up B	50-BC / 160	Auroral Emissions with Optics
010226	0025 0437	up B	50-BC / 160	Auroral Emissions with Optics
010228	0529 2200	Comp & Elscan	AC / 320	Measurements with ISTEP Sats
010302-03	2136 0724	Comp & Elscan	AC / 320	Measurements with ISTEP Sats
010303	0728 1603	Partial Azscans	320 / 320	Cusp Msmnts with Cluster Satellites
010305	1532 2201	Comp & Elscan	AC / 320	E-region Electrodynamics with Oersted Sat
010307-08	2127 0734	Comp & Elscan	AC / 320	Measurements with ISTEP and Oersted Sats
010309-10	1736 1802	3 Positions	52-BCMP/320/320PL	High-Resolution Sporadic E Measurements
010312	1132 1800	Az & Elscans	320 / 320	Cusp Detection with Cluster Satellites
010316-17	2330 0501	Partial Azscans	320 / 320	Cusp Msmnts with Cluster Satellites
010321	0730 2202	Comp & Elscan	AC / 320	Measurements with ISTEP Sats
010322	1536 2200	Comp & Elscan	AC / 320	E-region Electrodynamics with Oersted Sat
010322-23	2354 0309	up B	AC / 320	Auroral Emissions with Optics
010324	0732 1405	Partial Azscans	320 / 320	Cusp Msmnts with Cluster Satellites
010326	0014 0515	up B	AC / 320	Auroral Emissions with Optics
010329-30	2136 0702	Comp & Elscan	AC / 320	Measurements with ISTEP and Oersted Sats
010330-31	0707 0109	Comp & Elscan	AC / 320	CME Monitoring
010331	0114 0455	up B	52PP / 320	CME Monitoring and PCA Event
010331	0458 1157	Comp & Elscan	AC / 320	Measurements with ISTEP Sats
010331	1159 1802	Comp & Elscan	AC / 320	Measurements with Cluster Sats
010403	1424 1825	3 Positions	52PP / 320	PCA Event
010404	0738 1602	El & Azscans	320 / 320	Cusp Detection with Cluster Satellites
010406	1130 2203	Comp & Elscan	AC / 320	Measurements with ISTEP and Oersted Sats
010408-09	2130 0703	Comp & Elscan	AC / 320	Measurements with ISTEP and Oersted Sats

Date	Times	Antenna Mode	XMTR Mode	Experiment Purpose
010416-17	2132 1158	Comp & Elscan	AC / 320	Measurements with Cluster Sats
010417-19	1200 1759	Composite scans	AC / 320	World Days (WLS)
010419-20	1857 1859	3 Positions	52-BCMP/320/320PL	High-Resolution Sporadic E Measurements
010421	0051 0559	Comp & Elscan	AC / 320	E-region Electrodynamics with Oersted Sat
010421	0605 0846	1 Position	52-BCMP/52-raw	High-Resolution Sporadic E & Meteor Measurements
010422	0554 0900	1 Position	52-BCMP/52-raw	High-Resolution Sporadic E & Meteor Measurements
010424	0832 1602	El & Azscans	320 / 320	Cusp Detection with Cluster Satellites
010428-29	2026 0101	Comp & Elscan	AC / 320	Measurements with Cluster Sats
010502-03	1136 0002	Comp & Elscan	AC / 320	Measurements with ISTEP Sats
010505-06	1503 0554	Comp & Elscan	AC / 320	Measurements with ISTEP and Oersted Sats
010506	0555 1203	Comp & Elscan	AC / 320	Measurements with Cluster Sats
010510-11	1501 0500	Comp & Elscan	AC / 320	Measurements with Oersted Sat
010516-17	2133 0458	Comp & Elscan	AC / 320	Measurements with ISTEP Sats
010517	0459 1159	Comp & Elscan	AC / 320	Measurements with Cluster Sats
010517	1200 1801	3 Positions	AC / 320	Dayside E Region Electrodynamics
010518-19	1751 1804	3 Positions	52-BCMP/320/320PL	High-Resolution Sporadic E Measurements
010524-25	2358 0625	Comp & Elscan	AC / 320	Measurements with Oersted Sat
010525	0625 1157	Comp & Elscan	AC / 320	Measurements with Cluster Sats
010525	1159 1817	3 Positions	AC / 320	Dayside E Region Electrodynamics
010530	0011 0632	Comp & Elscan	AC / 320	Measurements with Oersted Sat
010606-07	2123 0502	Comp & Elscan	AC / 320	Measurements with ISTEP Sats
010607	1133 1452	1 Position	52-raw/52-raw	High-Resolution Sporadic E & Meteor Measurements
010608	1153 1458	1 Position	52-raw/52-raw	High-Resolution Sporadic E & Meteor Measurements
010608	1501 2101	Comp & Elscan	AC / 320	Measurements with Oersted Sat
010611-12	2131 0501	Comp & Elscan	AC / 320	Measurements with ISTEP Sats
010614-15	1748 1802	4 Positions	52-BCMP/320/320PL	High-Resolution Sporadic E Measurements
010620-21	2334 0559	Comp & Elscan	AC / 320	Measurements with Oersted Sat
010621-22	0603 2005	3 Positions	AC / 320	Dayside E Region Electrodynamics
010625-26	1435 0603	Comp & Elscan	AC / 320	Measurements with Oersted Sat
010627-28	2135 0500	Comp & Elscan	AC / 320	Measurements with ISTEP Sats
010628	0504 2002	El & Azscans	320 / 320	Cusp Detection with Cluster Satellites
010702-03	2134 0600	Comp & Elscan	AC / 320	Measurements with ISTEP and Oersted Sat
010705	1237 1428	Elevation scans	AC / 320	Density morphology with GPS Satellites
010705	1430 2030	Comp & Elscan	AC / 320	Measurements with Oersted Sat
010707-08	1731 1801	4 Positions	52-BCMP/320/320PL	High-Resolution Sporadic E Measurements
010711-15	1248 1718	3 Positions	AC / 320	World Days (LTCS)
010715	1720 1851	Elevation scans	AC / 320	Density morphology with GPS Satellites
010719	0144 1402	Comp & Elscan	AC / 320	Measurements with ISTEP Sats
010729	0136 0702	Comp & Elscan	AC / 320	Measurements with Cluster Sats
010730	0942 1801	El & Azscans	320 / 320	Cusp Detection with Cluster Satellites
010801-02	1647 0004	4 Positions	52-BCMP/320/320PL	High-Resolution Sporadic E Measurements
010803	1245 1516	Elevation scans	AC / 320	Density morphology with GPS Satellites
010803	1520 2003	Comp & Elscan	AC / 320	Measurements with Oersted Sat
010806	1532 2102	Comp & Elscan	AC / 320	Measurements with ISTEP Sats
010808	0933 1959	3 Positions	AC / 320	Dayside E Region Electrodynamics
010810	1740 2301	Compscans & Up B	320 / 320	Ion upflow measurements with ISTEP Sats
010810-11	2305 0401	Comp & Elscan	AC / 320	Measurements with Oersted Sat
010811	0405 0957	Compscans & Up B	320 / 320	Ion upflow measurements with ISTEP Sats
010811	1001 1800	El & Azscans	320 / 320	Cusp Detection with Cluster Satellites
010812	0709 1024	1 Position	52-BCMP/52-raw	High-Resolution Sporadic E & Meteor Measurements
010812	1028 1120	Elevation scans	AC / 320	Density morphology with GPS Satellites
010813	0705 1025	1 Position	52-BCMP/52-raw	High-Resolution Sporadic E & Meteor Measurements
010813	1028 1351	Elevation scans	AC / 320	Density morphology with GPS Satellites
010813	1354 2003	Comp & Elscan	AC / 320	Measurements with Oersted Sat
010814	0437 1200	4 Positions	52-BCMP/320/320PL	High-Resolution Sporadic E Measurements
010815	0037 0454	Comp & Elscan	AC / 320	Measurements with Cluster Sats
010815	0457 1102	4 Positions	52-BCMP/320/320PL	High-Resolution Sporadic E Measurements
010824	1539 2106	Compscans & Up B	320 / 320	Ion upflow measurements with ISTEP Sats
010825	1057 1255	Elevation scans	AC / 320	Density morphology with GPS Satellites
010825	1257 2002	Comp & Elscan	AC / 320	Measurements with Oersted Sat
010827	1537 2050	Compscans & Up B	320 / 320	Ion upflow measurements with ISTEP Sats
010827	2054 2212	Elevation scans	AC / 320	Density morphology with GPS Satellites
010829-30	2345 0448	3 Positions	AC / 320	Ion-Neutral Coupling with Optics
010830	0940 1803	El & Azscans	320 / 320	Cusp Detection with Cluster Satellites
010902	1420 1649	Compscans & Up B	320 / 320	Ion upflow measurements with ISTEP Sats
010906-07	1258 0433	Comp & Elscan	AC / 320	Measurements with Oersted Sat
010907	0439 2031	4 Positions	52-BCMP / 320	High-Resolution Sporadic E Measurements
010911	0946 1803	El & Azscans	320 / 320	Cusp Detection with Cluster Satellites
010916-20	2132 2201	3 Positions	AC / 320	World Days (LTCS & Joule Heating)
010925	0751 0853	3 Positions	AC320/50-BC	Measurements of PCA Event
010925	0857 1616	3 Positions	52-BCMP / 320	Measurements of PCA Event
010925-26	1620 1702	Comp & Elscan	AC / 320	CME Monitoring
010929	0036 0605	Compscans & Up B	320 / 320	Ion upflow measurements with ISTEP Sats
011002	1319 1422	Comp & Elscan	AC / 320	Mode test
011003	1754 1824	Composite scans	AC / 320	Mode test
011009-11	1236 1600	Composite scans	AC / 320	World Days (WLS)
011011-12	2330 0450	Compscans & Up B	320 / 320	Ion upflow measurements with ISTEP Sats
011014-15	2223 0328	up B	AC / 320	Auroral Emissions with Optics
011015	1240 1903	Comp & Elscan	AC / 320	Measurements with Oersted Sat

Date	Times	Antenna Mode	XMTR Mode	Experiment Purpose
011015	1905 2300	El & Azscans	320 / 320	Cusp Detection with Cluster Satellites
011015-16	2302 0602	Comp & Elscan	AC / 320	Measurements with ISTP Sats
011016-18	1231 1600	3 Positions	450 / 320	World Day (POLITE)
011021	0421 0804	3 Positions	50-BC / 50-raw	High-Resolution Sporadic E & Meteor Msmnts
011021-22	1535 0400	Compscans & Up B	320 / 320	Ion upflow measurements with ISTP Sats
011022	0408 0900	3 Positions	50-BC/50-BC/50-raw	High-Resolution Sporadic E & Meteor Msmnts
011023-24	2226 0328	up B	AC / 320	Auroral Emissions with Optics
011024	0332 0802	2 Positions	50-BC/50-BC/50-raw	High-Resolution Sporadic E & Meteor Msmnts
011025	1220 1326	Compscans & Up B	320 / 320	Mode test
011025	1330 1347	3 Positions	50-BC/ AC320	Mode test
011025	1352 1403	up B	50-BC/320/320PL	Mode test
011025	1408 1753	4 Positions	480 / 480PL	F-region plasma line measurements
011029	0130 0457	Elevation scans	50-BC/50-BC/50-raw	High-Resolution Sporadic E & Meteor Msmnts
011029	0459 0758	3 Positions	52-BC/52-BC/52-raw	High-Resolution Sporadic E & Meteor Msmnts
011029	0801 0929	Elevation scans	50-BC/50-BC/50-raw	High-Resolution Sporadic E & Meteor Msmnts
011105	0941 1800	El & Azscans	320 / 320	Cusp Detection with Svalbard & Cluster Sats
011106-07	0934 1228	Compscans & Up B	320 / 320	CME Monitoring
011107	1243 1831	Comp & Elscan	AC / 320	Measurements with Oersted Satellite
011110-11	2133 0503	Compscans & Up B	320 / 320	Ion upflow measurements with ISTP Sats
011113-15	1226 1601	Composite scans	320 / 320	World Days (Hi-TRAC)
011115	1636 1712	Composite scans	320 / 320	Mode test
011115-16	2110 0608	up B & Elscans	50-BC/50-BC/50-raw	High-resolution auroral emissions with optics
011116-17	2253 0608	up B & Elscans	50-BC/50-BC/50-raw	High-resolution auroral emissions with optics
011118-19	0048 0909	5 Positions	52-BC/52-BC/52-raw	High-resolution Sporadic E & Meteor Msmnts
011119-20	2153 0525	Elevation scans	50-BC/50-BC/50-raw	High-resolution auroral emissions with optics
011120-21	2145 0616	up B & Elscans	50-BC/50-BC/50-raw	High-resolution auroral emissions with optics
011126-27	1733 0002	Compscans & Up B	320 / 320	Ion upflow measurements with ISTP Sats
011127	0938 1525	El & Azscans	320 / 320	Cusp Detection with Svalbard & Cluster Sates
011206	1417 1533	3 Positions	AC / 320	System test
011206-07	2040 0403	Comp & Elscan	AC / 320	Measurements with ISTP Sats
011209	1210 1829	Comp & Elscan	AC / 320	Measurements with Oersted Satellite
011209-10	1829-0003	Compscans & Up B	320 / 320	Ion upflow measurements with ISTP Sats
011210-14	1234 1558	3 Positions	AC / 320	World Days (Joule Heating & Cluster)
011214-15	1600 1603	5 Positions	52-BC/52-BC/52-raw	High-resolution Sporadic E & Meteor Msmnts
011216-17	2033 0304	Comp & Elscan	AC / 320	Measurements with Oersted Satellite