

Date	Times	Antenna Mode	XMTR Mode	Experiment Purpose
000103-04	1944 0503	Comp & Elscan	AC / 320	Measurements with ISTEP Sats
000104-05	2158 0800	Comp & Elscan	AC / 320	Measurements with ISTEP Sats
000106-07	1249 1608	3 Positions	450 / 320	World Day (POLITE)
000109	0010 0616	Up B	AC / 320	Auroral Emissions with Optics
000109-10	2200 1353	Comp & Elscan	AC / 320	E-region electrodynamics with Oersted Sat
(000110	1135 1148	Elevation scans	AC / 320	Msmnts during GPS Occultation on Oersted Sat)
000110-11	2059 0200	Up B	AC / 320	Auroral Emissions with Optics
000113	0737 1400	Comp & Elscan	AC / 320	E-region electrodynamics with Oersted Sat
(000113	1115 1125	Elevation scans	AC / 320	Msmnts during GPS Occultation on Oersted Sat)
000118	1924 1945	3 Positions	40-PP / 320	Mode test
000120-21	2151 0800	Various	AC / 320	Measurements with ISTEP Sats
000121-22	2237 2304	3 Positions	AC / 320	CME Monitoring
000124-25	2248 1403	Comp & Elscan	AC / 320	E-region electrodynamics with Oersted Sat
000125-26	2310 0525	Az & Elscan	52-PP / 320	High-Resolution Sporadic E Measurements
000128-29	2247 0500	Az & Elscan	52-PP / 320	High-Resolution Sporadic E Measurements
000129	1149 1216	Elscans	AC / 320	Msmnts during GPS Occultation on Oersted Sat
000129-30	1225 0001	Comp & Elscan	AC / 320	Measurements with ISTEP Sats
000201-02	2150 0255	Up B	AC / 320	Auroral Emissions with Optics
000202-03	2219 0324	Up B	AC / 320	Auroral Emissions with Optics
000203-04	2048 0306	Comp & Elscan	28-BC / 320	High-Resolution D- and E-Region Structure
000204	0640 1256	Comp & Elscan	AC / 320	E-region electrodynamics with Oersted Sat
000204	1258 1332	Comp & Elscan	AC / 320	Msmnts during GPS Occultation on Oersted Sat
000204-05	1938 0501	Comp & Elscan	AC / 320	Measurements with ISTEP Sats
000206-07	2144 0401	Comp & Elscan	AC / 320	E-region electrodynamics with Oersted Sat
000210-11	2159 0503	Comp & Elscan	AC / 320	Measurements with ISTEP Sats
000211	1426 1517	Special	2-CCPP / 20-PP	Mode test
000211-13	1528 0402	Comp & Elscan	AC / 320	CME Monitoring
000213	0406 0607	Up B	AC / 320	Auroral Emissions with Optics and IRIS
000216-18	2246 0502	Azimuth scans	52-PP / 320	High-Resolution Sporadic E Measurements
000221-22	2202 0800	Comp & Elscan	AC / 320	E-region electrodynamics with Oersted Sat
000222-23	1959 0202	Comp & Elscan	28-BC / 320	High-Resolution D- and E-Region Structure
000224	0340 2203	Comp & Elscan	AC / 320	Measurements with ISTEP Sats
000225	1719 1821	3 Positions	160 / 160	Mode test
000227-28	1943 0200	Comp & Elscan	28-BC / 320	High-Resolution D- and E-Region Structure
000228	1823 1925	3 Positions	160 / 160	Mode test
000228-29	1938 0202	Comp & Elscan	28-BC / 320	High-Resolution D- and E-Region Structure
000301-02	2351 0551	Up B, partial elscans	160 / 160	Auroral microstructure, with Optics
000302-03	2341 0303	Partial Elscans	320 / 320	Oval/Cap morphology, with HF roar
000304-05	2343 0555	Up B, partial elscans	160 / 160	Auroral microstructure, with Optics
000305	0611 1400	Comp & Elscan	AC / 320	Measurements with ISTEP and Oersted Sats
000305-06	2326 0543	Up B, partial elscans	160 / 160	Auroral microstructure, with Optics
000306-07	1341 0001	Comp & Elscan	AC / 320	Measurements with ISTEP Sats
000307	0004 0601	Up B, partial elscans	160 / 160	Auroral microstructure, with Optics
000307-08	2318 0304	Partial Elscans	320 / 320	Oval/Cap morphology, with HF roar
000308-09	2343 0601	Up B, partial elscans	160 / 160	Auroral microstructure, with Optics
000309-10	2232 0113	Azimuth scans	320 / 320	Transport network test
000310	0116 0416	Partial Elscans	320 / 320	Oval/Cap morphology, with HF roar
000310-11	2340 0601	Up B, partial elscans	160 / 160	Auroral microstructure, with Optics
000311	0931 1800	Special	320 / 320	Convection reversal boundary dynamics
000311-12	2236 0201	Partial Elscans	320 / 320	Oval/Cap morphology, with HF roar
000312-13	2237 0333	Partial Elscans	320 / 320	Oval/Cap morphology, with HF roar
000313-14	2242 0333	Partial Elscans	320 / 320	Oval/Cap morphology, with HF roar
000314-17	1236 1602	Composite scans	320 / 320	World Day (GIC and Hi-TRAC)
000318-19	2349 0500	Comp & Elscan	28-BC / 320	High-Resolution D- and E-Region Structure
000319-20	2151 0403	Azimuth scans	52-PP / 320	High-Resolution Sporadic E Measurements
000320-21	2351 0505	Comp & Elscan	28-BC / 320	High-Resolution D- and E-Region Structure
000321-22	2151 0402	Azimuth scans	52-PP / 320	High-Resolution Sporadic E Measurements
000322	0933 1801	Special	320 / 320	Convection reversal boundary dynamics
000323	0934 1801	Special	320 / 320	Convection reversal boundary dynamics
000323-24	2337 0502	Comp & Elscan	28-BC / 320	High-Resolution D- and E-Region Structure
000328	0559 1232	Comp & Elscan	AC / 320	E-region electrodynamics with Oersted Sat
000331	0948 1800	Special	320 / 320	Convection reversal boundary dynamics
000403-04	2134 2203	Azimuth scans	52-PP / 320	High-Resolution Sporadic E Measurements
000406	0014 0515	Comp & Elscan	28-BC / 320	High-Resolution D- and E-Region Structure
000407	0618 1233	Comp & Elscan	AC / 320	E-region electrodynamics with Oersted Sat

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(000407	0844 0900	Up B	AC / 320	Msmnts during GPS Occultation on Oersted Sat)
000407	1251 1606	Comp & Elscan	AC / 320	CME Monitoring
000409-10	2159 0400	Azimuth scans	52-PP / 320	High-Resolution Sporadic E Measurements
000410-11	2328 0503	Partial Elscans	320 / 320	Oval/Cap morphology, with HF roar
000411	0508 1301	Comp & Elscan	AC / 320	Measurements with ISTP Sats
000411-13	1305 1602	Composite scans	AC / 320	World Day (WLS)
000413-14	2341 0502	Partial Elscans	320 / 320	Oval/Cap morphology, with HF roar
000414	1441 1743	3 Positions	320 / 320-PL	F-region plasma line measurements
000414-15	2332 0500	Partial Elscans	320 / 320	Oval/Cap morphology, with HF roar
000417-18	2340 0507	Comp & Elscan	28-BC / 320	High-Resolution D- and E-Region Structure
000418-19	2355 0501	Comp & Elscan	28-BC / 320	High-Resolution D- and E-Region Structure
000419-20	2341 0503	Comp & Elscan	28-BC / 320	High-Resolution D- and E-Region Structure
000420-21	2128 0501	Comp & Elscan	AC / 320	Measurements with ISTP Sats
000421-22	2029 0301	Comp & Elscan	AC / 320	E-region electrodynamics with Oersted Sat
(000422	0023 0040	Up B	AC / 320	Msmnts during GPS Occultation on Oersted Sat)
000425-26	2134 0503	Comp & Elscan	AC / 320	Measurements with ISTP Sats
000501-02	2346 0502	Comp & Elscan	28-BC / 320	High-Resolution D- and E-Region Structure
000618-19	2017 0232	Comp & Elscan	AC / 320	E-region electrodynamics with Oersted Sat
000621	0453 1130	Comp & Elscan	AC / 320	E-region electrodynamics with Oersted Sat
000622-23	2221 0501	Comp & Elscan	AC / 320	Measurements with ISTP Sats
000623-24	1929 0207	Comp & Elscan	AC / 320	E-region electrodynamics with Oersted Sat
000624-26	1829 0301	Azimuth scans	52-PP / 320	High-Resolution Sporadic E Measurements
000626	0510 1130	Comp & Elscan	AC / 320	E-region electrodynamics with Oersted Sat
000627-28	1949 0502	Comp & Elscan	AC / 320	Measurements with ISTP Sats
000628-29	1930 0200	Comp & Elscan	AC / 320	E-region electrodynamics with Oersted Sat
000705-07	1257 1600	3 Positions	AC / 320	World Days
000708-09	2037 0159	Comp & Elscan	AC / 320	E-region electrodynamics with Oersted Sat
000709	0205 1600	Comp & Elscan	AC / 320	Measurements with ISTP Sats
000713-14	1554 0001	Comp & Elscan	AC / 320	CME Monitoring
000714	1227 1614	Comp & Elscan	AC / 320	CME Monitoring
000714	1620 1908	Azimuth scans	52-PP / 320	CME Monitoring
000714	1908 2118	Comp & Elscan	52-PP / 320	CME Monitoring
000714	2141 2203	Azimuth scans	52-PP / 320	CME Monitoring
000714-16	2203 1809	Comp & Elscan	52-PP / 320	CME Monitoring
000716-17	1815 1301	3 Positions	AC / 320	CME Monitoring
000718-19	2031 0500	Comp & Elscan	AC / 320	Measurements with ISTP Sats
000722-23	2136 0504	Azimuth scans	52-PP / 320	High-Resolution Sporadic E Measurements
000723-24	2138 0401	Azimuth scans	52-PP / 320	High-Resolution Sporadic E Measurements
000727	1158 1801	Azimuth scans	52-PP / 320	High-Resolution Sporadic E Measurements
000728	1138 1801	Azimuth scans	52-PP / 320	High-Resolution Sporadic E Measurements
000729-30	2352 1401	Comp & Elscan	AC / 320	Measurements with ISTP Sats
000731	0430 1104	Comp & Elscan	AC / 320	E-region electrodynamics with Oersted Sat
000802-03	1920 0132	Comp & Elscan	AC / 320	E-region electrodynamics with Oersted Sat
000805-06	2354 0505	Comp & Elscan	28-BC / 320	High-Resolution D- and E-Region Structure
000808-09	2331 0311	Comp & Elscan	28-BC / 320	High-Resolution D- and E-Region Structure
000809-10	2342 0506	Comp & Elscan	28-BC / 320	High-Resolution D- and E-Region Structure
000810-11	2151 0504	Comp & Elscan	AC / 320	Measurements with ISTP Sats
000815	0401 1032	Comp & Elscan	AC / 320	E-region electrodynamics with Oersted Sat
000816	1317 1423	Tracking Cassiopeia	0 / 0	System calibration
000818	1232 2050	Tracking Cassiopeia	0 / 0	System calibration
000822	1837 2158	Comp & Elscan	AC / 320	E-region electrodynamics with Oersted Sat
000822-23	2203 0500	Comp & Elscan	AC / 320	Measurements with ISTP Sats
000823-25	1841 0419	Azimuth scans	52-PP / 320	High-Resolution Sporadic E Measurements
000825	0424 1033	Comp & Elscan	AC / 320	E-region electrodynamics with Oersted Sat
000908	0914 1400	Azimuth scans	320 / 320	Cusp detection coordinated with ESR
000908-09	1801 0131	Comp & Elscan	AC / 320	E-region electrodynamics with Oersted Sat
000913-14	1931 0425	Azimuth scans	52-PP / 320	High-Resolution Sporadic E Measurements
000914	0439 1034	Comp & Elscan	AC / 320	E-region electrodynamics with Oersted Sat
000914	1037 2233	Comp & Elscan	AC / 320	CME Monitoring
000917-18	2129 0500	Comp & Elscan	AC / 320	Measurements with ISTP Sats
000921-22	1938 0347	Azimuth scans	52-PP / 320	High-Resolution Sporadic E Measurements
000924-28	1236 1602	3 Positions	AC / 320	World Days (LTCS)
000929	0924 1803	Azimuth scans	52-PP / 320	High-Resolution Sporadic E Measurements
000929-30	2146 0503	Comp & Elscan	AC / 320	Measurements with ISTP Sats
001004	1201 1232	3 Positions	AC / 320	Testing

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001004-05	1742 1801	Azimuth scans	52-PP / 320	High-Resolution Sporadic <i>E</i> Measurements
001007	0928 1803	Special	320 / 320	Convection reversal boundary dynamics
001010	0939 1802	Special	320 / 320	Convection reversal boundary dynamics
001010-11	2139 0500	Comp & Elscan	AC / 320	Measurements with ISTP Sats
001013	0941 1803	Special	320 / 320	Convection reversal boundary dynamics
001013-14	1814 0502	Comp & Elscan	AC / 320	Measurements with ISTP Sats
001016	1425 1501	3 Positions	AC / 320	Testing
001023	0927 1402	Partial Azscans	320 / 320	Cusp measurements with Svalbard radar
001024-27	1243 1601	3 Positions	AC / 320	World Days (GITCS & WLS)
001028-29	2223-0350	3 Positions	52-BCMP/320/320PL	High-Resolution Sporadic <i>E</i> Measurements
001029	0931 1803	Special	320 / 320	Convection reversal boundary dynamics
001029	1806 1833	3 Positions	52-BCMP/320/320PL	High-Resolution Sporadic <i>E</i> Measurements
001030-31	2000 0100	3 Positions	52-BCMP/320/320PL	High-Resolution Sporadic <i>E</i> Measurements
001031	1304 1546	3 Positions	320 / 320PL	<i>F</i> -Region plasma lines
001101	1328 1552	3 Positions	various	Testing
001101-02	2304 0155	Azimuth scans	52-BCMP/320/320PL	High-Resolution Sporadic <i>E</i> Measurements
001102	1416 1532	4 Positions	320 / 320PL	<i>F</i> -Region plasma lines
001102	1653 1727	3 Positions	320/50-BC/320PL	Medium-Resolution Sporadic <i>E</i> Measurements
001103	1416 1743	3 Positions	320/50-BC/320PL	Medium-Resolution Sporadic <i>E</i> Measurements
001105	0048 0418	Azimuth scans	AC320/50-BC	Medium-Resolution <i>E</i> -Region Measurements
001105-06	2150 0257	Azimuth scans	52-BCMP/320/320PL	High-Resolution Sporadic <i>E</i> Measurements
001106	0302 0404	Azimuth scans	AC320/50-BC	Medium-Resolution <i>E</i> -Region Measurements
001106-07	1954 0500	Comp & Elscan	AC / 320	Measurements with ISTP Sats
001107	0500 2000	Comp & Elscan	AC / 320	CME Monitoring
001117	1037 1701	Comp & Elscan	AC / 320	Measurements with ISTP Sats
001117	1700 1815	Elevation scans	AC / 320	Density tomography with GPS sats
001117	1819 1901	3 Positions	AC320/50-BC	Medium-Resolution <i>E</i> -Region Measurements
001117-19	1904 0500	3 Positions	52-BCMP/320/320PL	High-Resolution Sporadic <i>E</i> Measurements
001121	2018 2222	Elevation scans	AC / 320	Density tomography with GPS sats
001121-22	2224 0502	Comp & Elscan	AC320/50-BC	Measurements with ISTP Sats
001122	0504 0904	Comp & Elscan	AC / 320	<i>E</i> -region Electrodynamics with Oersted Sat
001123-24	2053 0155	up B	AC / 320	Auroral Emissions with Optics
001124-25	2056 0201	up B	AC / 320	Auroral Emissions with Optics
001126	1957 2135	Elevation scans	AC / 320	Density tomography with GPS sats
001126-27	2137 0501	Comp & Elscan	AC / 320	Measurements with ISTP Sats
001127	0503 0903	Comp & Elscan	AC / 320	<i>E</i> -region Electrodynamics with Oersted Sat
001127	1524 1723	Elevation scans	AC / 320	Density tomography with GPS sats
001127-29	2125 0605	Comp & Elscan	AC / 320	CME Monitoring
001204	1624 2302	Comp & Elscan	AC / 320	<i>E</i> -region Electrodynamics with Oersted Sat
001207	0229 0906	Comp & Elscan	AC / 320	<i>E</i> -region Electrodynamics with Oersted Sat
001207	0913 1802	3 Positions	52-BCMP/320/320PL	High-Resolution Sporadic <i>E</i> Measurements
001209	0937 1801	3 Positions	52-BCMP/320/320PL	High-Resolution Sporadic <i>E</i> Measurements
001211-15	1319 1603	3 Positions	AC320/50-BC	World Days (LTCS)
001217-18	2125 0503	Comp & Elscan	AC / 320	Measurements with ISTP Sats
001221	1630 2304	Comp & Elscan	AC / 320	<i>E</i> -region electrodynamics with Oersted Sat
001222-23	2225 0332	up B	AC / 320	Auroral Emissions with Optics
001227-28	2150 0300	up B	AC / 320	Auroral Emissions with Optics