

| Date | Times | Antenna Mode | XMTR Mode | Experiment Purpose |
|-----------|-----------|---------------------|-------------|---|
| 990108 | 1411 1924 | Compsscans and Up B | 320 / 320 | F-region ion outflow, with satellite |
| 990112-13 | 1531 1603 | Composite scans | 320 / 320 | World Day (Hi-TRAC) |
| 990114 | 0936 1800 | Azimuth scans | 320 / 320 | Patch formation and entry to polar cap |
| 990115 | 0935 1804 | Azimuth scans | 320 / 320 | Patch formation and entry to polar cap |
| 990116 | 0932 1800 | Azimuth scans | 320 / 320 | Patch formation and entry to polar cap |
| 990117 | 1102 1805 | Az & Elscan | 160 / 320 | Patch propagation through the polar cap |
| 990118 | 0938 1804 | Azimuth scans | 320 / 320 | Patch formation and entry to polar cap |
| 990119-20 | 2056 0502 | Az & Elscan | 320 / 320 | Patch propagation through the polar cap |
| 990120 | 1146 1903 | Az & Elscan | 160 / 320 | Patch propagation through the polar cap |
| 990120-21 | 1906 0404 | Az & Elscan | 320 / 320 | Patch propagation through the polar cap |
| 990124-25 | 2104 0607 | Az & Elscan | 320 / 320 | Patch propagation through the polar cap |
| 990125 | 1139 2100 | Az & Elscan | 160 / 320 | Patch propagation through the polar cap |
| 990128 | 2204 0210 | Azimuth scans | 52-PP / 320 | High-Resolution Sporadic E Measurements |
| 990209 | 0045 1100 | Comp & Elscan | AC / 320 | Measurements with ISTEP Sats |
| 990209 | 1101 1555 | 3 Positions | AC / 320 | Convection msmnts with ASTRID-2 sat |
| 990209-12 | 1557 1600 | 3 Positions | AC / 320 | World Day (GITCS) |
| 990222-23 | 2204 0502 | Composite scans | 28-BC / 320 | D- and E-Reg Structure, ISTEP & ASTRID-2 Sats |
| 990224 | 0952 1802 | Special | 320 / 320 | Convection reversal boundary dynamics |
| 990227 | 0955 1834 | Special | 320 / 320 | Convection reversal boundary dynamics |
| 990227 | 1840 2056 | Compsscans and Up B | 320 / 320 | F-region ion outflow, with satellite |
| 990306-07 | 1937 0024 | Azimuth scans | 52-PP / 320 | High-Resolution Sporadic E Measurements |
| 990308-12 | 1531 1601 | 3 Positions | AC / 320 | World Day (JOES) |
| 990316-17 | 2155 0501 | Comp & Elscan | AC / 320 | Measurements with ISTEP Sats |
| 990317 | 1633 1717 | Up B | 480PL / 480 | Plasma Line Measurements |
| 990322 | 0947 1800 | Special | 320 / 320 | Convection reversal boundary dynamics |
| 990325 | 0939 1855 | Special | 320 / 320 | Convection reversal boundary dynamics |
| 990325 | 1900 2302 | 3 Positions | AC / 320 | Measurements of Joule Heating Rates |
| 990403 | 1036 1705 | 3 Positions | AC / 320 | E-region electrodynamics with Oersted sat |
| 990406 | 0047 0700 | Composite scans | AC / 320 | E-region electrodynamics with Oersted sat |
| 990406-07 | 2141 0502 | Comp & Elscan | AC / 320 | Measurements with ISTEP Sats |
| 990415-16 | 2141 0301 | Azimuth scans | 52-PP / 320 | High-Resolution Sporadic E Measurements |
| 990419-20 | 2147 0302 | Azimuth scans | 52-PP / 320 | High-Resolution Sporadic E Measurements |
| 990420-22 | 1532 2200 | Composite scans | AC / 320 | World Day (WLS) |
| 990422-23 | 2203 0517 | Comp & Elscan | AC / 320 | Measurements with ISTEP Sats |
| 990423 | 0527 0750 | Compsscans and Up B | 320 / 320 | F-region ion outflow, with satellite |
| 990427-28 | 2138 0527 | Comp & Elscan | AC / 320 | Measurements with ISTEP Sats |
| 990428 | 0534 0811 | Compsscans and Up B | 320 / 320 | F-region ion outflow, with satellite |
| 990429-30 | 2123 0300 | Azimuth scans | 52-PP / 320 | High-Resolution Sporadic E Measurements |
| 990502-03 | 1939 0355 | Comp & Elscan | AC / 320 | Measurements with ISTEP Sats |
| 990503 | 0359 0708 | Compsscans and Up B | 320 / 320 | F-region ion outflow, with satellite |
| 990505-06 | 0837 1057 | Comp & Elscan | AC / 320 | CME Monitoring |
| 990506 | 1103 1701 | 3 Positions | AC / 320 | E-region electrodynamics with Oersted sat |
| 990507 | 1101 1338 | Compsscans and Up B | 320 / 320 | F-region ion outflow, with satellite |
| 990507 | 1344 1745 | Azimuth scans | 52-PP / 320 | High-Resolution Sporadic E Measurements |
| 990511 | 1047 1700 | 3 Positions | AC / 320 | E-region electrodynamics with Oersted sat |
| 990512 | 1034 1311 | Compsscans and Up B | 320 / 320 | F-region ion outflow, with satellite |
| 990512 | 1316 1716 | Azimuth scans | 52-PP / 320 | High-Resolution Sporadic E Measurements |
| 990515 | 0052 0604 | Composite scans | 28-BC / 320 | High-Resolution D- and E-Region Structure |
| 990517-18 | 2153 0327 | Composite scans | 28-BC / 320 | High-Resolution D- and E-Region Structure |
| 990518 | 1756 2157 | Special | 2PP / 20PP | ST Measurements |
| 990518-19 | 2203 0703 | Comp & Elscan | AC / 320 | Measurements with ISTEP Sats |
| 990521 | 0101 0602 | Comp & Elscan | 28-BC / 320 | High-Resolution D- and E-Region Structure |
| 990523-24 | 2046 0702 | Comp & Elscan | AC / 320 | Measurements with ISTEP Sats |
| 990603 | 0816 1021 | Compsscans and Up B | 320 / 320 | F-region ion outflow, with satellite |
| 990603 | 1025 1632 | 3 Positions | AC / 320 | E-region electrodynamics with Oersted sat |
| 990608 | 0805 1000 | Compsscans and Up B | 320 / 320 | F-region ion outflow, with satellite |
| 990608 | 1003 1603 | 3 Positions | AC / 320 | E-region electrodynamics with Oersted sat |
| 990608-09 | 2149 0504 | Comp & Elscan | AC / 320 | Measurements with ISTEP Sats |
| 990610-11 | 2354 0605 | 3 Positions | AC / 320 | E-region electrodynamics with Oersted sat |
| 990613-14 | 2040 0502 | Comp & Elscan | AC / 320 | Measurements with ISTEP Sats |
| 990619 | 0028 0630 | Azimuth scans | 52-PP / 320 | High-Resolution Sporadic E Measurements |
| 990704-05 | 2058 0505 | Comp & Elscan | AC / 320 | Measurements with ISTEP Sats |
| 990706 | 0922 1551 | 3 Positions | AC / 320 | E-region electrodynamics with Oersted sat |
| 990706-08 | 1552 2131 | 3 Positions | AC / 320 | World Day (GIC) |
| 990708 | 2143 2348 | Compsscans and Up B | 320 / 320 | F-region ion outflow, with satellite |
| 990709 | 0001 0532 | Compsscans | AC / 320 | E-region electrodynamics with Oersted sat |
| 990713 | 2024 2231 | Compsscans and Up B | 320 / 320 | F-region ion outflow, with satellite |
| 990713-14 | 2238 0532 | Compsscans | AC / 320 | E-region electrodynamics with Oersted sat |
| 990721-22 | 2353 0600 | Comp & Elscan | 28-BC / 320 | High-Resolution D- and E-Region Structure |
| 990725-26 | 2143 0503 | Comp & Elscan | AC / 320 | Measurements with ISTEP Sats |
| 990729-30 | 2354 0548 | Comp & Elscan | 28-BC / 320 | High-Resolution D- and E-Region Structure |
| 990801-02 | 2351-0605 | Comp & Elscan | 28-BC / 320 | High-Resolution D- and E-Region Structure |
| 990803 | 1054 1720 | Comp & Elscan | AC / 320 | E-region electrodynamics with Oersted sat |
| 990806-07 | 2357 0603 | Comp & Elscan | 28-BC / 320 | High-Resolution D- and E-Region Structure |
| 990808 | 1102 1725 | Comp & Elscan | AC / 320 | E-region electrodynamics with Oersted sat |
| 990808 | 1727 1740 | 3 Positions | 320 / 264 | Mode test |
| 990809 | 2040 2334 | Azimuth scans | 52-PP / 320 | High-Resolution Sporadic E Measurements |
| 990810-11 | 2046 0241 | Azimuth scans | 52-PP / 160 | High-Resolution Sporadic E Measurements |

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| 990811 | 0249 0300 | 3 Positions | 320 / 264 | Mode test |
| 990811-12 | 2127 0318 | Comp & Elscan | 52-PP / 160 | High-Resolution Sporadic <i>E</i> Measurements |
| 990812-13 | 2121 0320 | Comp & Elscan | 52-PP / 320 | High-Resolution Sporadic <i>E</i> Measurements |
| 990813 | 1052 1717 | Comp & Elscan | AC / 320 | <i>E</i> -region electrodynamics with Oersted sat |
| 990815-16 | 2155 0601 | Comp & Elscan | AC / 320 | Measurements with ISTP Sats |
| 990816-17 | 2015 0245 | Comp & Elscan | 52-PP / 320 | High-Resolution Sporadic <i>E</i> Measurements |
| 990817-18 | 2353 1503 | Composite scans | 320 / 320 | Magnetospheric Dynamics, with Cassini fly-by |
| 990820-21 | 2044 0602 | Comp & Elscan | AC / 320 | Measurements with ISTP Sats |
| 990903 | 0022 0645 | Comp & Elscan | AC / 320 | <i>E</i> -region electrodynamics with Oersted Sat |
| (990903 | 0349 0400 | Up B | AC / 320 | Msmnts during GPS Occultation on Oersted Sat) |
| 990904-05 | 2354 0601 | Comp & Elscan | 28-BC / 320 | High-Resolution <i>D</i> - and <i>E</i> -Region Structure |
| 990905-06 | 2352 0559 | Comp & Elscan | 28-BC / 320 | High-Resolution <i>D</i> - and <i>E</i> -Region Structure |
| 990911-12 | 2343 0602 | Comp & Elscan | 52-BC / 320 | High-Resolution <i>D</i> - and <i>E</i> -Region Structure |
| 990914-18 | 2241 0001 | Composite scans | AC / 320 | World Day (WLS) |
| 990923 | 1204 1709 | Comp & Elscan | AC / 320 | <i>E</i> -region electrodynamics with Oersted sat |
| 990923-24 | 2352 0601 | Comp & Elscan | 28-BC / 320 | High-Resolution <i>D</i> - and <i>E</i> -Region Structure |
| 990925-26 | 2352 0606 | Comp & Elscan | 28-BC / 320 | High-Resolution <i>D</i> - and <i>E</i> -Region Structure |
| 990926-27 | 2356 0602 | Az & Elscan | 52-PP / 320 | High-Resolution Sporadic <i>E</i> Measurements |
| 990927-28 | 1958 0155 | Az & Elscan | 52-PP / 320 | High-Resolution Sporadic <i>E</i> Measurements |
| 990928 | 0200 1632 | 3 Positions | AC / 320 | Measurements with ISTP Sats |
| (990928 | 0343 0354 | Up B | AC / 320 | Msmnts during GPS Occultation on Oersted Sat) |
| 991001-02 | 2201 0503 | Comp & Elscan | AC / 320 | Measurements with ISTP Sats |
| 991005-06 | 2345 0600 | Comp & Elscan | AC / 320 | <i>E</i> -region electrodynamics with Oersted Sat |
| (991006 | 0145 0155 | Elevation scans | AC / 320 | Msmnts during GPS Occultation on Oersted Sat) |
| 991007-08 | 2354 0602 | Comp & Elscan | 28-BC / 320 | High-Resolution <i>D</i> - and <i>E</i> -Region Structure |
| 991008 | 1025 1600 | Comp & Elscan | AC / 320 | <i>E</i> -region electrodynamics with Oersted Sat |
| 991008-09 | 1605 1609 | 3 Positions | 450 / 320 | World Day (POLITE) |
| 991009-10 | 2358 0606 | Comp & Elscan | 28-BC / 320 | High-Resolution <i>D</i> - and <i>E</i> -Region Structure |
| 991011-12 | 2351 0600 | Comp & Elscan | 28-BC / 320 | High-Resolution <i>D</i> - and <i>E</i> -Region Structure |
| 991012-14 | 1542 1601 | 3 Positions | AC / 320 | World Days (LTCS) |
| 991016 | 0005 0055 | Comp & Elscan | 28-BC / 320 | High-Resolution <i>D</i> - and <i>E</i> -Region Structure |
| 991016-17 | 1951 2001 | Comp & Elscan | AC / 320 | CME event monitoring |
| 991022-23 | 2148 0503 | Comp & Elscan | AC / 320 | Measurements with ISTP Sats |
| 991023-24 | 1939 0208 | Az & Elscan | 52-PP / 320 | High-Resolution Sporadic <i>E</i> Measurements |
| 991024-25 | 1941 0202 | Az & Elscan | 52-PP / 320 | High-Resolution Sporadic <i>E</i> Measurements |
| 991027-28 | 2152 0503 | Comp & Elscan | AC / 320 | Measurements with ISTP Sats |
| 991031 | 0956 1601 | Comp & Elscan | AC / 320 | <i>E</i> -region electrodynamics with Oersted Sat |
| (991031 | 1122 1142 | Elevation scans | AC / 320 | Msmnts during GPS Occultation on Oersted Sat) |
| 991031-1101 | 2354 0601 | Comp & Elscan | 28-BC / 320 | High-Resolution <i>D</i> - and <i>E</i> -Region Structure |
| 991115-16 | 1956 0159 | Comp & Elscan | 28-BC / 320 | High-Resolution <i>D</i> - and <i>E</i> -Region Structure |
| 991116 | 0205 0503 | Comp & Elscan | AC / 320 | Measurements with ISTP Sats |
| 991116 | 1359 1455 | Up B | 480PL / 480 | Plasma Line Measurements |
| 991116-17 | 1939 0205 | Comp & Elscan | 28-BC / 320 | High-Resolution <i>D</i> - and <i>E</i> -Region Structure |
| 991117-18 | 1952 0211 | Comp & Elscan | 28-BC / 320 | High-Resolution <i>D</i> - and <i>E</i> -Region Structure |
| 991118 | 0219 0543 | Comp & Elscan | AC / 320 | Measurements with ISTP and Oersted Sats |
| 991118-19 | 1953 0200 | Comp & Elscan | 28-BC / 320 | High-Resolution <i>D</i> - and <i>E</i> -Region Structure |
| 991119-20 | 1955 0202 | Comp & Elscan | 28-BC / 320 | High-Resolution <i>D</i> - and <i>E</i> -Region Structure |
| 991122-23 | 2200 0541 | Comp & Elscan | AC / 320 | Measurements with ISTP and Oersted Sats |
| 991123-24 | 1949 0204 | Az & Elscan | 52-PP / 320 | High-Resolution Sporadic <i>E</i> Measurements |
| 991124-25 | 1955 0200 | Az & Elscan | 52-PP / 320 | High-Resolution Sporadic <i>E</i> Measurements |
| 991127-28 | 2338 0543 | Comp & Elscan | AC / 320 | <i>E</i> -region electrodynamics with Oersted Sat |
| 991128-29 | 2202 0803 | Comp & Elscan | AC / 320 | Measurements with ISTP Sats |
| 991130-1201 | 2308 0515 | Comp & Elscan | AC / 320 | <i>E</i> -region electrodynamics with Oersted Sat |
| (991201 | 0219 0232 | Elevation scans | AC / 320 | Msmnts during GPS Occultation on Oersted Sat) |
| (991201 | 0349 0400 | Elevation scans | AC / 320 | Msmnts during GPS Occultation on Oersted Sat) |
| 991202 | 1509 1623 | Up B | 480PL / 480 | Plasma Line Measurements |
| 991202 | 1636 1944 | Up B | 450 / 320 | Data Acquisition System Testing |
| 991202 | 2006 2033 | 3 Positions | 320 / 320 | Data Acquisition System Testing |
| 991204 | 1436 1644 | Up B | 450 / 320 | Data Acquisition System Testing |
| 991204 | 1701 2023 | 3 Positions | 320 / 320 | Data Acquisition System Testing |
| 991206 | 1718 2015 | Various | Various | Data Acquisition System Testing |
| 991207-08 | 2106 0207 | Up B | AC / 320 | Auroral Emissions with Optics |
| 991208 | 0919 1528 | Comp & Elscan | AC / 320 | <i>E</i> -region electrodynamics with Oersted Sat |
| 991208 | 2036 2134 | Az & Elscan | 52-PP / 320 | High-Resolution Sporadic <i>E</i> Measurements |
| 991208-09 | 2142 0500 | Comp & Elscan | AC / 320 | Measurements with ISTP Sats |
| 991209-10 | 1350 1602 | 3 Positions | 450 / 320 | World Day (POLITE) |
| 991210-11 | 2259 0500 | Up B | AC / 320 | Auroral Emissions with Optics |
| 991211-12 | 2255 0459 | Az & Elscan | 52-PP / 320 | High-Resolution Sporadic <i>E</i> Measurements |
| 991212-13 | 2319 0524 | Az & Elscan | 52-PP / 320 | High-Resolution Sporadic <i>E</i> Measurements |
| 991213 | 0903 1524 | Comp & Elscan | AC / 320 | <i>E</i> -region electrodynamics with Oersted Sat |
| 991213-14 | 2255 0459 | Az & Elscan | 52-PP / 320 | High-Resolution Sporadic <i>E</i> Measurements |
| 991214-15 | 2336 0503 | Az & Elscan | 52-PP / 320 | High-Resolution Sporadic <i>E</i> Measurements |
| 991215-16 | 2224 0502 | Az & Elscan | 52-PP / 320 | High-Resolution Sporadic <i>E</i> Measurements |
| 991219-20 | 2159 0501 | Comp & Elscan | AC / 320 | Measurements with ISTP Sats |
| 991220-21 | 2331 0513 | Comp & Elscan | AC / 320 | <i>E</i> -region electrodynamics with Oersted Sat |
| 991222 | 1701 1740 | Az & Elscan | 52-PP / 320 | High-Resolution Sporadic <i>E</i> Measurements |