

Date	Times	Antenna Mode	XMTR Mode	Experiment Purpose
170109	0825 1047	3 Positions	320/320/BC13/BC13	Topside measurements with e-POP sat
170110	0749 1023	3 Positions	320/320/BC13/BC13	Topside measurements with e-POP sat
170116	0739 0943	3 Positions	320/320/BC13/BC13	Topside measurements with e-POP sat
170117	0707 0725	3 Positions	320/320/BC13/BC13	Topside measurements with e-POP sat
170118	0659 0904	3 Positions	320/320/BC13/BC13	Topside measurements with e-POP sat
170124-27	1311 2000	Half Compscans	320/320/BC13/BC13	Plasma convection
170129	2100 2214	up B	PL/PL/320/AC/BC13	Auroral dynamics w/ optics
170130-0204	1250 2009	3 Positions	PL/PL/320/AC/BC13	World Days (Sudden StratWarm & Gravity Waves)
170216	1838 1851	Tracking	480	Testing
170222	1153 1408	3 Positions	320/320/BC13/BC13	Topside measurements with e-POP sat
170222-23	2249 0559	Half Compscans	320/320/BC13/BC13	Plasma convection
170223	1122 1336	3 Positions	320/320/BC13/BC13	Topside measurements with e-POP sat
170223-24	2043 0800	up B	PL/PL/320/AC/BC13	Auroral dynamics w/ optics
170224	1103 1321	3 Positions	320/320/BC13/BC13	Topside measurements with e-POP sat
170224-25	2207 0816	up B	PL/PL/320/AC/BC13	Auroral dynamics w/ optics
170225-28	0819 0009	Half Compscans	320/320/BC13/BC13	Plasma convection
170228	0019 0609	3 Positions	PL/PL/320/AC/BC13	Plasma convection - windy
170228	0612 0752	Half Compscans	320/320/BC13/BC13	Plasma convection
170228	0756 1132	3 Positions	PL/PL/320/AC/BC13	Plasma convection - windy
170228-0301	1134 0800	Half Compscans	320/320/BC13/BC13	Plasma convection
170301-02	2243 0600	Half Compscans	320/320/BC13/BC13	Plasma convection
170302	1042 1255	3 Positions	320/320/BC13/BC13	Topside measurements with e-POP sat
170303	1028 1234	3 Positions	320/320/BC13/BC13	Topside measurements with e-POP sat
170304	0939 1205	3 Positions	320/320/BC13/BC13	Topside measurements with e-POP sat
170310	0910 1145	3 Positions	320/320/BC13/BC13	Topside measurements with e-POP sat
170312	0010 0216	3 Positions	320/320/BC13/BC13	Topside measurements with e-POP sat
170312-13	2349 0154	3 Positions	320/320/BC13/BC13	Topside measurements with e-POP sat
170313-14	2306 0132	3 Positions	320/320/BC13/BC13	Topside measurements with e-POP sat
170319-20	2239 0113	3 Positions	320/320/BC13/BC13	Topside measurements with e-POP sat
170320-21	1055 2100	3 Positions	320/320/BC13/BC13	Topside measurements with e-POP sat
170326-30	0730 0802	Half Compscans	320/320/BC13/BC13	Plasma convection
170330-31	0805 2000	3 Positions	PL/PL/320/AC/BC13	E-region electrodynamics
170331	2016 2229	Tracking	480	Testing
170419	1158 1336	Tracking	480	Asteroid detection
170423-27	0753 0759	Half Compscans	320/320/BC13/BC13	Plasma convection
170427	0801 2000	Sector Azscans	320/320/BC13/BC13	Convection with RISR-N & RISR-C
170429	0255 0524	3 Positions	320/320/BC13/BC13	Topside measurements with e-POP sat
170430	0230 0504	3 Positions	320/320/BC13/BC13	Topside measurements with e-POP sat
170504-05	2236 0600	Half Compscans	320/320/BC13/BC13	Plasma convection
170509	1604 1823	3 Positions	320/320/BC13/BC13	Topside measurements with e-POP sat
170510	1538 1807	3 Positions	320/320/BC13/BC13	Topside measurements with e-POP sat
170516	1518 1722	3 Positions	320/320/BC13/BC13	Topside measurements with e-POP sat
170517	1450 1727	3 Positions	320/320/BC13/BC13	Topside measurements with e-POP sat
170517-20	2243 2246	Half Compscans	320/320/BC13/BC13	Plasma convection
170520	0249 0452	3 Positions	PL/PL/320/AC/BC13	Plasma convection - windy
170520-22	0456 0759	Half Compscans	320/320/BC13/BC13	Plasma convection
170522	0807 2001	Sector Azscans	320/320/BC13/BC13	Convection with RISR-N & RISR-C
170523	1429 1645	3 Positions	320/320/BC13/BC13	Topside measurements with e-POP sat
170524	1353 1627	3 Positions	320/320/BC13/BC13	Topside measurements with e-POP sat
170526	1301 1535	3 Positions	320/320/BC13/BC13	Topside measurements with e-POP sat
170529-30	0951 2002	3 Positions	PL/PL/320/AC/BC13	E-region electrodynamics
170608	1323 1438	Tracking	320/320/BC13/BC13	Calibrating with Cass-A
170609	1651 1820	Tracking	320/320/BC13/BC13	Calibrating with Cass-A
170614-15	0955 1956	3 Positions	PL/PL/320/AC/BC13	E-region electrodynamics
170615-19	2000 0759	Half Compscans	320/320/BC13/BC13	Plasma convection
170619	0804 1740	Sector Azscans	320/320/BC13/BC13	Convection with RISR-N & RISR-C
170619	1925 1959	Sector Azscans	320/320/BC13/BC13	Convection with RISR-N & RISR-C
170626	1844 2109	3 Positions	320/320/BC13/BC13	Topside measurements with e-POP sat
170627	1809 2050	3 Positions	320/320/BC13/BC13	Topside measurements with e-POP sat
170628	1758 2035	3 Positions	320/320/BC13/BC13	Topside measurements with e-POP sat
170703	1725 2058	Various	Various	Data acquisition tests
170704	1750 1952	3 Positions	320/320/BC13/BC13	Topside measurements with e-POP sat
170705	1713 1726	up B	PL480	Plasma Line test
170705	1730 1934	3 Positions	320/320/BC13/BC13	Topside measurements with e-POP sat
170707	1602 1729	Tracking	480	Testing
170708	2134 2259	up B	PL/PL/480	Plasma Line test
170708-09	2301 0600	Half Compscans	320/320/BC13/BC13	Plasma convection
170713	1734 2000	Various	Various	Data acquisition tests
170716-18	1011 2000	Sector Azscans	PL/PL/320/320	CME and plasma convection
170719	0716 0810	3 Positions	320/320/BC13/BC13	Topside measurements with e-POP sat
170719	0815 1002	Half Compscans	PL/PL/320/320	Plasma convection
170719-23	1004 0800	Half Compscans	320/320/BC13/BC13	Plasma convection
170725-26	2140 0803	Composite Scans	320/320/BC13/BC13	ISR school - plasma convection
170726-27	0805 2001	3 Positions	PL/PL/320/AC/BC13	E-region electrodynamics
170818	1657 1806	up B	PL/PL/480	Mode testing
170820-23	1532 0759	up B	PL/PL/480	Monitoring solar eclipse effects
170824-25	0757 0800	up B	PL/PL/320	Field-aligned measurements
170906-10	0003 2343	up B	PL/PL/320	World Day (CONGSS)
170910-11	2348 0152	up B	PL/PL/320	Topside measurements with e-POP sat

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170911-14	1343 0043	up B	PL/PL/320	Field-aligned measurements
170918-19	2234 0038	up B	PL/PL/320	Topside measurements with e-POP sat
170919-20	2140 0004	up B	PL/PL/320	Topside measurements with e-POP sat
170926-27	0752 2103	up B	PL/PL/320	Plasma convection - windy
170929	1327 1354	Tracking	480	Testing
171005	1058 1445	Tracking	480	Testing
171012-13	2231 0200	up B	PL/PL/320	Campaign with multiple optical instruments
171013-14	2331 0300	up B	PL/PL/320	Campaign with multiple optical instruments
171014-15	2311 0400	up B	PL/PL/320	Campaign with multiple optical instruments
171015-16	2324 0459	up B	PL/PL/320	Campaign with multiple optical instruments
171016-17	2312 0500	up B	PL/PL/320	Campaign with multiple optical instruments
171017	1135 1603	Sector Azscans	PL/PL/PL/480	Polar Cap patch generation and transport
171017-18	2326 0320	3 Positions	PL/PL/320/AC/BC13	E-region electrodynamics
171018	0322 0346	up B	PL/PL/PL/320	Topside measurements with e-POP sat
171018	0348 0500	3 Positions	PL/PL/320/AC/BC13	E-region electrodynamics
171018	1135 1601	Sector Azscans	PL/PL/PL/480	Detection of fast flow channels
171018-21	2315 0001	3 Positions	PL/PL/320/AC/BC13	E-region electrodynamics
171021-22	0002 0001	up B	PL/PL/PL/320	Diurnal plasma line measurements
171022	0003-0329	3 Positions	PL/PL/320/AC/BC13	E-region electrodynamics
171022	0340 0405	Elevation Scans	PL/PL/PL/320	Topside measurements with e-POP sat
171022	0407 0501	3 Positions	PL/PL/320/AC/BC13	E-region electrodynamics
171022	1147 1204	Sector Azscans	PL/PL/PL/480	Detection of cusp signature
171023-24	2351 0500	up B	PL/PL/PL/320	Campaign with multiple optical instruments
171024-27	1527 0800	Sector Azscans	PL/PL/320/320	Plasma convection and fast flow channels
171027	1137 1600	Sector Azscans	PL/PL/PL/480	Detection of cusp signature
171028	1141 1601	Sector Azscans	PL/PL/PL/480	Polar Cap patch generation and transport
171029	1140 1601	Sector Azscans	PL/PL/PL/480	Detection of fast flow channels
171030	1156 1605	Sector Azscans	PL/PL/PL/480	Detection of cusp signature
171031	1139 1608	Sector Azscans	PL/PL/PL/480	Polar Cap patch generation and transport
171111	1144 1701	Sector Azscans	PL/PL/PL/480	Polar Cap patch generation and transport
171112	1237 1700	Sector Azscans	PL/PL/PL/480	Detection of fast flow channels
171113	1251 1700	Sector Azscans	PL/PL/PL/480	Detection of cusp signature
171114	1247 1702	Sector Azscans	PL/PL/PL/480	Polar Cap patch generation and transport
171115	1237 1700	Sector Azscans	PL/PL/PL/480	Detection of fast flow channels
171115-16	2346 0703	up B	PL/PL/PL/320	Campaign with multiple optical instruments
171116	1249 1700	Sector Azscans	PL/PL/PL/480	Detection of cusp signature
171116-17	2343 0600	up B	PL/PL/PL/320	Campaign with multiple optical instruments
171117-19	0602 0337	3 Positions	PL/PL/320/AC/BC13	E-region electrodynamics
171119-20	0341 1407	Sector Azscans	PL/PL/320/320	Plasma convection and fast flow channels
171120-23	1548 0004	up B	PL/PL/320	Field-aligned measurements
171123	1257 1700	up B	PL/PL/320	Field-aligned measurements
171123-25	2343 0004	up B	PL/PL/PL/320	Diurnal plasma line measurements
171125	1248 1535	Sector Azscans	PL/PL/PL/480	Detection of fast flow channels
171126	1236 1701	Sector Azscans	PL/PL/PL/480	Detection of cusp signature
171127	0348 0801	up B	PL/PL/PL/320	Campaign with multiple optical instruments
171127	1230 1701	Sector Azscans	PL/PL/PL/480	Polar Cap patch generation and transport
171127	2245 2332	Elevation scans	PL/PL/320/320	Topside measurements with e-POP sat
171128	2200 2328	Elevation scans	PL/PL/320/320	Topside measurements with e-POP sat
171129	2201 2239	Elevation scans	PL/PL/320/320	Topside measurements with e-POP sat
171209	1240 1603	Half compscans	PL/PL/320/320	Measurements with Cluster satellites
171209	2136 2209	3 Positions	PL/PL/320/320	Topside measurements with e-POP sat
171210	2112 2137	Elevation scans	PL/PL/320/320	Topside measurements with e-POP sat
171211	1220 1240	Elevation scans	PL/PL/320/320	Topside measurements with e-POP sat
171211	2039 2110	Elevation scans	PL/PL/320/320	Topside measurements with e-POP sat
171212	1241 1708	Sector Azscans	PL/PL/PL/480	Polar Cap patch generation and transport
171213	1106 1145	Elevation scans	PL/PL/320/320	Topside measurements with e-POP sat
171213	1259 1706	Sector Azscans	PL/PL/PL/480	Detection of cusp signature
171213-14	2334 0355	Sector Azscans	PL/PL/PL/320	Campaign with multiple optical instruments
171214	1256 1700	Sector Azscans	PL/PL/PL/480	Detection of fast flow channels
171214-15	2335 0410	up B	PL/PL/PL/320	Campaign with multiple optical instruments
171215	1249 1701	Sector Azscans	PL/PL/PL/480	Polar Cap patch generation and transport
171215-16	2337 0426	up B	PL/PL/PL/320	Campaign with multiple optical instruments
171216-18	1204 1303	Sector Azscans	PL/PL/320/320	World Days (Convection and Polar Cap Patches)
171218	1304 1603	Half compscans	PL/PL/320/320	Measurements with Cluster satellites
171218-20	1608 2000	Sector Azscans	PL/PL/320/320	World Days (Convection and Polar Cap Patches)
171220-22	2005 0804	3 Positions	PL/PL/320/AC/BC13	E-region electrodynamics
171227	1258 1601	Half compscans	PL/PL/320/320	Measurements with Cluster satellites