To: Distribution
From: Mary McCready

Date: 26 February 2010
Location: SRI, G-272

Subject: Sondrestrom IS Radar Operations Schedule for March 2010

Experiment 1: E. Zesta (AFRL), Y. Shi, L. Lyons and V. Angelopoulos (UCLA)

Seven 12-hour runs coordinated with the THEMIS and Cluster satellites to study PBIs (poleward boundary intensifications) and the ionospheric signature of plasma sheet flow bursts, beginning at 2000 UT on 28 February and 15 through 20 March (except for starting at 00UT on 15 March).

Experiment 2: A. Strømme (SRI)

Twenty-four hour measurement of E-region electrodynamics, from 1300 UT on 08 March to 1300 UT on 09 March.

Experiment 3: J. Mathews (Pennsylvania State U.)

Coordinated Incoherent-Scatter Radar Observations (World Days) dedicated to the study of quasi-periodic medium-scale traveling ionospheric disturbances, QP TIDs, from 1300 UT on 09 March to 2000 UT on 11 March.

Experiment 4: H. Kim, L. Lyons, Y. Nishimura (UCLA), B. Fejer (Utah State U.) and C. Heinselman (SRI)

Six twelve-hour runs to measure the dayside plasma convection poleward of the open-closed field line boundary. These runs are coordinated with the THEMIS satellites and the Jicamarca and Resolute-North ISRs in a study to relate the dayside convection to prompt penetration electric fields and changes in the IMF and the solar wind dynamic pressure, from 0800-2000 UT on 15 through 20 March (and ending two hours early on the final day).