Ed-013

Room: C304

Prompt Report of WestPac '99 Campaign Observation in Cebu, Philippines

Kenro Nozaki [1], Manabu Shinohara [2], Akinori Saito [3], Shoichiro Fukao [4], Mamoru Yamamoto [4]

[1] CRL, [2] Earth and Planetary Sci., Kyushu Univ., [3] Department of Geophysics, Kyoto Univ., [4] RASC, Kyoto Univ.

To investigate the plasma structure and dynamics in the equatorial ionosphere, WestPac '99 campaign observation was held during February 22 and March 14, 1999. An FMCW HF radar system was installed in University of San Carlos Talamban campus, Cebu, Philippines (10.35N, 123.91E, Dip=2.6) together with three axes fluxgate magnetometer. Owing to the improved radar antenna, clear ionograms are obtained every 5 minutes. F layer traces often disappear near foF2. There also appears Equatorial Spread-F (ESF) after east - west electric field reverse.