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POLAR CAP BOUNDARY LAYER ELF/VLF WAVES

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We will demonstrate that these boundary layer waves are continuously present on auroral zone magnetic field lines at all local times. The wave intensities and latitudinal location dependences on interplanetary parameters have been statistically determined and will be discussed. The high time resolution wave features at different local times and under different interplanetary (B_2 , ram pressure, etc.) and geomagnetic (AE , D_{ST}) conditions will be analyzed.

Abstracts to be submitted on or before January 7, 2000 to Copernicus Office with copy to appropriate Main Scientific Organizer:

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