

Metadata Details

Title

Radio wave Transmission Characteristics in Antarctica

Science Keywords

Category	Solid Earth
Topic	Radio Wave
Expedition Year	1981-1982
ISO Topic	Meteorology

Summary

Abstract

The preliminary results of observations on studies on radio propagation in the upper atmosphere during the First Indian Antarctic Expedition are reported in this paper. The studies made were mainly on high latitude D-region using VLF observation, atmospheric radio noise, VHFTV signal propagation, HF propagation and communication aspects.

Purpose

VLF propagation studies
Measurement of Atmospheric Radio Noise Field Strength (ARNFS)
VHF long distance propagation experiment
HF propagation time delay studies
HF radio communication on board the ship

Data Center