

Technical Page

This proposal has not been submitted before.

Proposal Type: Urgent
 General Category: Terrestrial Aeronomy
 Observation Category: Thermosphere
 Total Time Requested: 2.5 Hours
 Minimum Useful Time:

Proposal Title: DICE: initial ISR conjunction radar operations

ABSTRACT:

DICE is a two (identical) spacecraft mission each with Langmuir probe (Ne, Te), a vector magnetometer (Bx, By, Bz), and a wire boom electric field probe (Ex, Ey, Ez). DICE has only recently overcome several comm and attitude spin issues and they have an urgent need to validate their in-situ measurements prior to entering an unfavorable thermal situation (due to seasonal solar heating). The DICE spacecraft embedded computers have a known reset problem when overheated from the sun.

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Remote Observing Request

- Observer will travel to AO
- Remote Observing
- In Absentia (instructions to operator)

Instrument Setup

Atmospheric Observation Instruments:

Special Equipment or setup: none

RFI Considerations

Frequency Ranges Planned