Technical Page

Proposal Identification No.: T1029
Date Received: 1997-Feb-1 21:53:19

Proposal Type:
General Category: Terrestrial Aeronomy
Sub-Category: Optical
Observation Category: Ionospheric
Total Time Requested: 456 Hours

Proposal Title: Arecibo Observations in Support of the Coqui Dos Rocket Campaign

ABSTRACT:
The science objective is to provide ground-based observations required to make launch decisions in the upcoming Coqui Dos sounding rocket campaign being carried out at Tortuguero in early 1998, as well as to provide ground-based radar, lidar, and optical measurements needed for the postflight data analysis.

<table>
<thead>
<tr>
<th>Name</th>
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<th>Student</th>
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Service Observing Request  Remote Observing Request

X None X No
☐ All of the observing run. ☐ Maybe
☐ Part of the observing run. ☐ Yes
☐ Queue Observing

Instrument Setup

430 MHz CH receiver

Atmospheric Observation Instruments:
Photometer Spectrometer Fabry-Perot Ionosonde Lidar

Description of Observer Equipment:

Special Equipment or setup: Special setup: Software needs: On-line display of electron density profiles Media needs:

RFI Considerations

Frequency Ranges Planned
see proposal