

## Technical Page

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.

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**Service Observing Request**

- None
- All of the observing run.
- Part of the observing run.
- Queue Observing

**Remote Observing Request**

- No
- Maybe
- Yes

**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