

Technical Page

This proposal has not been submitted before.

Proposal Type: Urgent
 General Category: Planetary Radar
 Observation Category: Lunar spacecraft
 Total Time Requested: 8.25 Hours
 Minimum Useful Time: 60 min

Proposal Title: Urgent proposal for S-band bistatic Arecibo/Green Bank radar recovery of lunar spacecraft Ouna

ABSTRACT:

This is an urgent proposal requesting 8 hours for bistatic Arecibo/Green Bank Observatory (GBO) S-band (2380 MHz, 12.6 cm) radar observations of a lost lunar orbiter Ouna. Maintaining the orbital knowledge of old spacecraft that are still orbiting the Moon is important because these spacecraft pose a potential impact hazard for the future human missions.

Name	Institution	E-mail	Phone	Student
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Remote Observing Request

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

Instrument Setup

S-Band radar

Atmospheric Observation Instruments:

Special Equipment or setup: none

RFI Considerations

Frequency Ranges Planned