

Technical Page

Proposal Type: Urgent
 General Category: Planetary Radar
 Observation Category: Solar System
 Total Time Requested: 8 Hours

Proposal Title: URGENT PROPOSAL FOR RADAR OBSERVATIONS OF ASTEROID 1999FN53
ABSTRACT:

This recently discovered object, classified as a potentially hazardous asteroid by the Minor Planet Center, approaches to within 0.06 AU from Earth during the requested tracks. Its effective diameter probably is between 0.5 and 1.0 km. The echo strength should support decameter-resolution imaging and, if the orientational coverage is adequate, reconstruction of a geologically detailed shape model.

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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

S-band radar

Atmospheric Observation Instruments:

Description of Observer Equipment:

Special Equipment or setup: Special setup: Software needs: Media needs:

RFI Considerations

Frequency Ranges Planned

see proposal