

Technical Page

Proposal Type: Urgent
 General Category: Planetary Radar
 Observation Category: Solar System
 Total Time Requested: 14:40 Hours

Proposal Title: Urgent Proposal for Radar Imaging of Asteroid 2000 EH26

ABSTRACT:

This recently discovered asteroid, classified as potentially hazardous by the IAU/Minor Planet Center, approaches to within 0.041 AU of Earth during the requested tracks. Its effective diameter is probably within a factor of two of 140 meters, a size range that is virtually unexplored by previous asteroid radar observations. The echo strength should support decameter-resolution imaging and, if the orientational coverage is adequate, reconstruction of a three-dimensional shape model.

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I NA want to do remote observing.

Instrument Setup

S-Band radar

Atmospheric Optical Instruments:

Special Equipment or setup: none

RFI Considerations

Frequency Ranges Planned