Proposal Identification No.: R1269  
Date Received: 1999-Jan-28 17:46:05

Technical Page

Proposal Type: Regular
General Category: Planetary Radar
Observation Category: Solar System
Total Time Requested: 28 Hours

Proposal Title: Radar Observations of Asteroids 6489 Golevka (1991 JX) and 5131 (1990 BG)

ABSTRACT:
We propose high-resolution delay-Doppler observations of Golevka to bring the geologic detail of the existing radar-based 3-D model to the decimeter level and to determine the degree and uniformity of the asteroid’s wavelength-scale roughness. We also propose the initial radar observations of 5131 1990 BG, one of the 30 largest Earth-crossing asteroids, to constrain its dimensions, rotation, and surface properties.

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
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</tbody>
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Service Observing Request  
Remot e Observing Request

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

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