Technical Page

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

Proposal Title: Radar Observations of 2001 BF10

ABSTRACT:

Newly discovered asteroid 2001 BF10 will approach the Earth at a distance of 0.033 AU and is visible in the Arecibo sky on Jan 31 - Feb 5. We request time to observe this object with the planetary radar system to determine its spin state, and radar reflectivity properties. It may be close enough to obtain high-quality images.

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>E-mail</th>
<th>Phone</th>
<th>Student</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ellen Howell</td>
<td>NAIC</td>
<td><a href="mailto:chowell@naic.edu">chowell@naic.edu</a></td>
<td>878-2612 x282</td>
<td>no</td>
</tr>
</tbody>
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I do NOT want to do remote observing.

Instrument Setup

S-Band radar S-band receiver

Atmospheric Optical Instruments:

Special Equipment or setup: none

RFI Considerations

Frequency Ranges Planned