Technical Page

Proposal Type: Urgent
General Category: Planetary Radar
Observation Category: Solar System
Total Time Requested: 2 Hours
Minimum Useful Time: 2

Proposal Title: Urgent Observations of target of opportunity NEA 2010 UM7

ABSTRACT:
This is a newly discovered object observable immediately before a scheduled observation. We plan to begin observing more of these new objects for astrometry, and reporting the results to the Minor Planet Center promptly. With high power, this very small asteroid (H=27.5) is detectable even with only 12 hours of previous observation.

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>E-mail</th>
<th>Phone</th>
<th>Student</th>
</tr>
</thead>
<tbody>
<tr>
<td>Michael Nolan</td>
<td></td>
<td><a href="mailto:nolan@naic.edu">nolan@naic.edu</a></td>
<td></td>
<td>no</td>
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</tbody>
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Remote Observing Request

[X] Observer will travel to AO
[ ] Remote Observing
[ ] In Absentia (instructions to operator)

Instrument Setup

S-Band radar S-band receiver

Atmospheric Observation Instruments:

Special Equipment or setup: none

RFI Considerations

Frequency Ranges Planned