Technical Page

Proposal Identification No.: R2095
Date Received: 2005-Apr-27 18:23:18

Proposal Type: Urgent
General Category: Planetary Radar
Observation Category: Solar System
Total Time Requested: 1 Hours

Proposal Title: Observations of near-Earth object 2005 FL4

ABSTRACT:

We propose to use a currently open slot in the schedule just prior to the regularly scheduled (R2080) radar observations on May 30. A large near-Earth asteroid (2005 FL4, ~2 km diameter) will be detectable on that day from 14:30 to 15:50 UT (10:30 to 11:50 AST). This object will be detectable at a level adequate for precise astrometry.

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>E-mail</th>
<th>Phone</th>
<th>Student</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jean-Luc Margot</td>
<td>Cornell University</td>
<td><a href="mailto:jlm@astro.cornell.edu">jlm@astro.cornell.edu</a></td>
<td>607 255 1810</td>
<td>no</td>
</tr>
</tbody>
</table>

Service Observing Request

- [X] None
- [ ] All of the observing run.
- [ ] Part of the observing run.
- [ ] Queue Observing

Remote Observing Request

- [X] No
- [ ] Maybe
- [ ] Yes

Instrument Setup

- S-Band radar
- S-band receiver

Atmospheric Observation Instruments:

Special Equipment or setup: none

RFI Considerations

Frequency Ranges Planned