Technical Page

Proposal Type: Regular
General Category: Planetary Radar
Observation Category: Solar System
Total Time Requested: 48 Hours

Proposal Title: Observations of Asteroid 68950 (2002 QF15) and Continuation of a Long-term
XME Main-Belt Survey

ABSTRACT:
We propose to study the slowly rotating near-Earth asteroid (NEA) 68950 (2002 QF15) and continue our long term
radar survey of X/M/E class main-belt (MB) asteroids by observing 71 Niobe (M-class) and 434 Hungaria
(E-class).

<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 K Shepard</td>
<td>Bloomsburg University</td>
<td><a href="mailto:mshepard@bloomu.edu">mshepard@bloomu.edu</a></td>
<td>570-389-4568</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

Atmospheric Observation Instruments:

- Special Equipment or setup: none

RFI Considerations

Frequency Ranges Planned