Technical Page

Proposal Type: Urgent
General Category: Planetary Radar
Observation Category: Solar System
Total Time Requested: 44 Hours
Minimum Useful Time: 4h

Proposal Title: Radar Ranging of Near-Earth Asteroid 1999 RQ36 in Support of the OSIRIS-REx mission

ABSTRACT:
We will obtain a radar range of 1999 RQ36 for spacecraft navigation and measurement of the Yarkovsky effect in support of the OSIRIS-REx mission.

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>E-mail</th>
<th>Phone</th>
<th>Student</th>
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<tbody>
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<td></td>
<td>no</td>
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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

2370-2390