

## 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

Name	Institution	E-mail	Phone	Student
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### Remote Observing Request

- 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