Technical Page

Proposal Type:	Urgent
General Category:	Planetary Radar
Observation Category:	Solar System
Total Time Requested:	3 Hours
Minimum Useful Time:	1:45

Proposal Title: Radar observations of 1999 RD32

ABSTRACT:

We have been observing 1999 RD32 as part of our regular program, but it turned out to be a very slow rotator, and thus presents much clearer and higher resolution images than expected. The rotation states of these objects are of great interest to asteroid stutdies, particularly for possible mission targets, and also have implications for solar system formation. We request one additional day to observe this object before it leaves our sky in order to better understand its rotation and to obtain images of more of its surface.

Name	Institution	E-mail	Phone	Student
Michael C Nolan	AO	nolan@naic.edu		no

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