Proposal Identification No.: R2095 Date Received: 2005-Apr-27_18:23:18

Technical Page

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, $\tilde{2}$ 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.

Name	Institution	E-mail	Phone	Student
Jean-Luc Margot	Cornell University	jlm@astro.cornell.edu	607 255 1810	no

Service Observing Request

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

Remot e 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