Technical Page

This proposal has not been submitted before.

Proposal Type: Urgent
General Category: Planetary Radar
Observation Category: Solar System
Total Time Requested: 3.5 Hours
Minimum Useful Time: 1 hour after warmup

Proposal Title: Urgent proposal to observe 2015 GA1

ABSTRACT:
Asteroid 2015 GA1 is observable on April 18 or 19. This object is 20-30 seconds round-trip light time away, and estimated to be 45m in diameter. This is an opportunity to sample a size rarely sampled to study the smaller size range of the NEA population. We request at least an hour plus transmitter warmup time (45min) on either date to get astrometry for orbit determination, and imaging if possible to determine size, shape and spin rate.

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<tr>
<th>Name</th>
<th>Institution</th>
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<th>Student</th>
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<tbody>
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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

2380 Mhz