

Technical Page

Proposal Type: Regular
 General Category: Planetary Radar
 Observation Category: Solar System
 Total Time Requested: 36 Hours

Proposal Title: RADAR OBSERVATIONS OF ASTEROIDS 6037 (1988EG) AND 4183 CUNO
ABSTRACT:

Arecibo radar observations can strongly constrain the properties of each of the two targets, for which the currently available physical information is limited to estimates of absolute visual magnitude. For 1988EG, we intend to combine Goldstone and Arecibo images with resolution as fine as ~10 m to develop a detailed physical model. Neither object has been observed before with radar. The observations will also yield dramatically refined orbits.

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Service Observing Request

- None
- All of the observing run.
- Part of the observing run.
- Queue Observing

Remote Observing Request

- No
- Maybe
- Yes

Instrument Setup

S-band radar

Atmospheric Observation Instruments:

Description of Observer Equipment:

Special Equipment or setup: Special setup: Software needs: Media needs:

RFI Considerations

Frequency Ranges Planned

see proposal