

Technical Page

Proposal Type: Regular
 General Category: Planetary Radar
 Observation Category: Solar System
 Total Time Requested: 56 Hours

Proposal Title: Radar Imaging Observations of Mercury in 1999

ABSTRACT:

The objective of the observations is to make high-quality, high-resolution delay-Doppler radar images of Mercury's north and south poles and major non-polar features. The polar observations are to study the putative ice deposits within shaded crater floors. One of the more important objectives of the non-polar imaging is to determine if one of these features is a shield volcano.

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Service Observing Request

Remote Observing Request

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

- 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