

Technical Page

Proposal Type: Regular
 General Category: Planetary Radar
 Observation Category: Solar System
 Total Time Requested: 42 Hours

Proposal Title: Radar Imaging Observations of Mercury in the Summer of 1998

ABSTRACT:

We propose to make radar-imaging observations of Mercury using the random-code technique. The prime objectives are to obtain new and improved images of the north polar “ice” features and the non-polar Feature B (possible 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: 2³⁹ – 1 code generator Software needs: VME version of "MARS" datataking program or Princeton MkIV Media needs:

RFI Considerations

Frequency Ranges Planned

see proposal