

Technical Page

Proposal Type: Regular
 General Category: Astronomy
 Sub-Category: Spectroscopy
 Observation Category: Galactic
 Total Time Requested: 12 Hours

Proposal Title: Followup on the Arecibo set of OH/IR Stars

ABSTRACT:

We propose to reobserve the 400 Arecibo OH/IR stars to obtain spectra with a higher resolution in the 1612, 1665 and 1667 MHz transitions simultaneously. This will establish the ratio between the intensities of the various lines, and will enable us to screen this set of objects for further instances of a dramatic change in intensity, like that seen lastyear for one object.

Name	Institution	E-mail	Phone	Student
B Murray Lewis	Arecibo Obs	blewis@naic.edu	787 878-2612	N

Service Observing Request

Remote Observing Request

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

- No
- Maybe
- Yes

Instrument Setup

L-band

Atmospheric Observation Instruments:

Description of Observer Equipment:

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

RFI Considerations

Frequency Ranges Planned

see proposal