

Technical Page

Proposal Type: Regular
 General Category: Astronomy
 Sub-Category: Spectroscopy
 Observation Category: Extragalactic
 Total Time Requested: 20 Hours

Proposal Title: A Search for Radio-Luminous OH/IR Stars in M33

ABSTRACT:

We propose to search for 1612 MHz emission from red supergiants in the nearby galaxy M33. These observations will address (1) whether there are red supergiants more luminous than the empirical limit found in the Galaxy with their distance uncertainties; (2) to get wind velocities to possibly confirm its metallicity dependence.

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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

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