

Technical Page

Proposal Type: Regular
 General Category: Astronomy
 Sub-Category: Spectroscopy
 Observation Category: Extragalactic
 Total Time Requested: 30 Hours

Proposal Title: Determining the Galaxy Density Around Known LSB and HSB Galaxies in the Nearby Universe

ABSTRACT:

That the small-scale environment a galaxy significantly affects its evolution has been well established, but the details of this process are not well known. To gain a better understanding of how the local galaxy density effects the star-formation properties of low density galaxies, we propose to use Arecibo to complete the galaxy redshift catalog in select regions of the sky. This project will require a total of 26 hours on the Gregorian system with the L-wide receiver.

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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