

Technical Page

Proposal Type: Regular
 General Category: Astronomy
 Sub-Category: Spectroscopy
 Observation Category: Galactic
 Total Time Requested: 33 Hours

Proposal Title: A GALFA Intermediate proposal: the extension of the Magellanic Stream
ABSTRACT:

As an intermediate level GALFA pre-cursor proposal we would like to map an area of 10x6 degrees large at the very tip of the Magellanic Stream. Our goals are: (a) to investigate large-area mapping capabilities of ALFA for high-latitude GALFA projects; (b) to obtain scientific data that will investigate further extension of the Magellanic Stream suggested recently by Braun and Thilker (2004) and their relationship with recently detected ‘mini-HVCs’; (c) to provide a first set of data for the ‘HI clouds in the Galactic Halo’ project (described in the GALFA White Paper). We request 60 min x 33 days of telescope time.

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Service Observing Request

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

Remote Observing Request

- No
- Maybe
- Yes

Instrument Setup

ALFA

Atmospheric Observation Instruments:

Special Equipment or setup: none

RFI Considerations

Frequency Ranges Planned