

Technical Page

Proposal Type: Regular
 General Category: Astronomy
 Sub-Category: Spectroscopy
 Observation Category: Extragalactic
 Total Time Requested: 63 hours Hours

Proposal Title: The Magellanic Stream

ABSTRACT:

We propose to map two regions in the northern half of the Magellanic Stream (MS), altogether ~ 7 square degrees large. The aim of this project is two-folded. Firstly, we want to investigate whether the MS is confined by the Galaxy halo or is dissipating. And secondly, we wish to probe the existence of the small-scale structure and the hierarchy of structure due to the interstellar turbulence in this almost primordial environment.

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Instrument Setup

L-narrow

Atmospheric Optical Instruments:

Special Equipment or setup: none

RFI Considerations

Frequency Ranges Planned

1413 - 1427