

Technical Page

Proposal Type: Regular
 General Category: Astronomy
 Sub-Category: Spectroscopy
 Observation Category: Extragalactic
 Total Time Requested: 100 Hours

Proposal Title: High Velocity Clouds W413 and W479

ABSTRACT:

The sample of non-compact High Velocity Clouds mapped to high sensitivity with 3 arcmin spatial resolution will be tripled. The truncation (or lack thereof) and corrugation (or lack thereof) of the cloud edges will be established, determining whether the lack of truncation and corrugation, expected from studies of photoionization by extragalactic UV radiation, is endemic to the non-compact HVCs as well as to the compact HVCs studied by others. Statistics on the frequency with which low column density satellite clouds, such as that found in W491, will be improved.

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I might want to do remote observing.

Instrument Setup

L-narrow

Atmospheric Optical Instruments:

Special Equipment or setup: Exabyte tape to transport data back to Lafayette.

RFI Considerations

Frequency Ranges Planned

1419 - 1425