

Technical Page

This proposal has not been submitted before.

Proposal Type: Regular
 General Category: Astronomy
 Sub-Category: Spectroscopy
 Observation Category: Galactic
 Total Time Requested: 40 Hours
 Minimum Useful Time: 1.5 hours

Proposal Title: Mapping an Intermediate Velocity Cloud in OH

ABSTRACT:

Intermediate velocity molecular clouds are rare objects with only 7 known examples. The most often studied example, the Draco molecular cloud, is anomalous and its properties cannot be extrapolated to the other 6. In this proposal we want to map one of these 6 clouds, G211+63 in the OH 18 cm lines in order to determine its mass and gravitational state.

Name	Institution	E-mail	Phone	Student
Allison J Smith	University of Georgia	allison@physast.uga.edu	706-5422876	G

Remote Observing Request

- Observer will travel to AO
- Remote Observing
- In Absentia (instructions to operator)

Instrument Setup

L-wide

Atmospheric Observation Instruments:

Special Equipment or setup: none

RFI Considerations

Frequency Ranges Planned

This proposal requires Iridium RFI protection at 1612 MHz between 10pm and 6am EST.