

## Technical Page

Proposal Type: Regular  
 General Category: Astronomy  
 Sub-Category: Spectroscopy  
 Observation Category: Extragalactic  
 Total Time Requested: 27 Hours

**Proposal Title:** The Outer Edge of W486 (continued)

*ABSTRACT:*

Follow-up neutral hydrogen mapping of the High Velocity Cloud W486 will be conducted along radial spokes, one opposite and one orthogonal to that mapped in project A1255. Deep integration of the outermost points on the cloud, to measure the rotation curve more accurately and to determine whether the neutral hydrogen edge finally truncates or whether the exponential decline continues or flattens out, is sought.

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### 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