

## Technical Page

Proposal Type: Short  
 General Category: Astronomy  
 Sub-Category: Spectroscopy  
 Observation Category: Galactic  
 Total Time Requested: 3 Hours

**Proposal Title:** Completion of a2004 Project to Observe the Taurus Molecular Cloud Complex with GALFA.

*ABSTRACT:*

With the use of GALFA and HI Narrow Self-Absorption (HINSA) we are able to directly measure the HI content of the star forming region in Taurus. Observations were performed in the summer of 2005, but certain technical problems with the data became apparent only after data reduction. We propose to re-observe a small section of the map to fill in a gap where the data was unrecoverable.

Name	Institution	E-mail	Phone	Student
Marko Krco	Cornell University	marko@astro.cornell.edu	607-351-3589	G

**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**

This proposal requires coordination with Punta Salinas radar within the band 1222-1381 MHz..