Technical Page

Proposal Identification No.: A1240
Date Received: 1998-Nov-1 22:50:18

Proposal Type: Regular
General Category: Astronomy
Sub-Category: Spectroscopy
Observation Category: Extragalactic
Total Time Requested: 30 Hours

Proposal Title: Primordial Gas Clouds in Nearby Galaxy Groups

ABSTRACT:

We propose to survey six galaxy groups in order to identify the extragalactic counterparts of the recently proposed population of high-velocity HI clouds that are distributed through the Local Group. A range of environments and radii from the group centers will be sampled. A total of 12 clouds should be detected if the Local Group cloud population is typical of all galaxy groups.

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<tr>
<th>Name</th>
<th>Institution</th>
<th>E-mail</th>
<th>Phone</th>
<th>Student</th>
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<tbody>
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Service Observing Request

- [X] None
- [ ] All of the observing run.
- [ ] Part of the observing run.
- [ ] Queue Observing

Remote Observing Request

- [X] No
- [ ] Maybe
- [ ] Yes

Instrument Setup

- L-band

Atmospheric Observation Instruments:

Description of Observer Equipment:

Special Equipment or setup: Special setup: Software needs: Media needs:

RFI Considerations

Frequency Ranges Planned
see proposal