Proposal Identification No.: A2304
Date Received: 2008-Feb-01 17:43:54

Technical Page

Proposal Type: Regular
General Category: Astronomy
Sub-Category: Spectroscopy
Observation Category: Extragalactic
Total Time Requested: 20 Hours
Minimum Useful Time: 30mins

Proposal Title: A Search for OH/IR stars in M33

ABSTRACT:
We have looked for 1612 MHz masers from OH/IR stars in M33. The initial observations provided three potential detections at the 3-4 sigma level. We seek here to confirm them.

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>E-mail</th>
<th>Phone</th>
<th>Student</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brian M Lewis</td>
<td>Arecibo Observatory</td>
<td><a href="mailto:blewis@naic.edu">blewis@naic.edu</a></td>
<td>787 2612x285</td>
<td>no</td>
</tr>
</tbody>
</table>

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.