Technical Page

This proposal has not been submitted before.

Proposal Type: Urgent
General Category: Planetary Radar
Observation Category: Solar System
Total Time Requested: 9 Hours
Minimum Useful Time: 2h

Proposal Title: Radar observations of potential retrieval mission target 2013 EC20

ABSTRACT:

Asteroid 2013 EC20 is a potential target of an "Asteroid Retrieval Mission". We will measure how far away it is out improve our knowledge of its orbit and measure it’s rough shape and size.

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>E-mail</th>
<th>Phone</th>
<th>Student</th>
</tr>
</thead>
<tbody>
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<td></td>
<td>no</td>
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Remote Observing Request

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

Instrument Setup

S-Band radar
S-band receiver

Atmospheric Observation Instruments:

Special Equipment or setup: none

RFI Considerations

Frequency Ranges Planned

2370-2390 MHz