Technical Page

Proposal Type: Urgent
General Category: Planetary Radar
Sub-Category: Radar
Observation Category:
Total Time Requested: 4.00 Hours
Minimum Useful Time: 4.00 hours


ABSTRACT:
This is an urgent proposal requesting observing time on Dec 13, 2008 for the newly discovered potentially hazardous asteroid (PHA) 2008 UE7. The object is within a factor of two of 280 m in size. The single-run SNR rates for this object are moderately strong and we expect to be able to image this object at 7.5 m resolution. The radar data would significantly improve the orbital uncertainties and allow basic physical characterization of the object (size, potential satellites, spin state, and SC/OC ratio).

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<thead>
<tr>
<th>Name</th>
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<th>Phone</th>
<th>Student</th>
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<tbody>
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Remote Observing Request

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

Instrument Setup

S-Band radar

Atmospheric Observation Instruments:

Special Equipment or setup: none

RFI Considerations

Frequency Ranges Planned