

Technical Page

Proposal Type: Regular
 General Category: Pulsars
 Observation Category: Galactic
 Total Time Requested: 24 Hours

Proposal Title: Confirmation of Pulsar Candidates from the Princeton-Arecibo Upgrade Survey
ABSTRACT:

We collected pulsar search data using the Arecibo telescope in “drift mode” using the Penn State Pulsar Machine during the upgrade period. We have detected ten interesting pulsar-like signals in the data. Re-analysis of some pre-upgrade search data has produced an additional two candidate pulsars. We request telescope time to re-observe these positions, to test whether or not these signals are, in fact, pulsars.

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I NA want to do remote observing.

Instrument Setup

430 G 430 CH receiver

Atmospheric Optical Instruments:

Special Equipment or setup: Penn State Pulsar Machine

RFI Considerations**Frequency Ranges Planned**

425-435

This proposal requires coordination with AFTWF within the band 425-435 MHz.