

Technical Page

Proposal Type: Followup
 General Category: Pulsars
 Observation Category: Galactic
 Total Time Requested: 60 Hours
 Minimum Useful Time: 2:30 hours

Proposal Title: Followup of PALFA Discoveries

ABSTRACT:

We propose follow-up observations of 10 new pulsars discovered in the PALFA survey. The new discoveries include two millisecond pulsars which appear to be in binary orbits as well as two pulsars which appear to be intermittent in their initial discoveries. A majority of the new discoveries were made in data taken using the Mock spectrometers at Arecibo, which provide the PALFA survey with increased sensitivity.

Name	Institution	E-mail	Phone	Student
Kevin M Stovall	University of Texas at Brownsville	stovall.kevin@gmail.com	325-226-2495	G

Remote Observing Request

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

Instrument Setup

L-Wide

ALFA

Atmospheric Observation Instruments:

Special Equipment or setup: none

RFI Considerations

Frequency Ranges Planned

1214.3-1536.7

This proposal requires coordination with Punta Salinas radar within the band 1222-1381 MHz..

This proposal requires coordination with GPS L3 at 1381 MHz.