

## Technical Page

This proposal has been submitted before.

The previous proposal number is p3055.

Proposal Type: Regular  
 General Category: Pulsars  
 Observation Category: FRB  
 Total Time Requested: 16 Hours  
 Minimum Useful Time:

**Proposal Title:** ALFA monitoring observations of FRB130628

*ABSTRACT:*

Recent Arecibo observations of FRB121102 have discovered that it repeats and opened the question of whether all FRBs can be observed to repeat given sufficient sensitivity and observing time. Repeat bursts are a powerful clue because they rule out cataclysmic progenitor models. Here we propose to continue searching for repeat bursts from the only Parkes-discovered FRB that is visible to Arecibo, namely FRB130628. The discovery of even a single burst from FRB130628 at the same DM would strengthen the case that (at least) a large fraction of FRBs have non-cataclysmic progenitors.

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### Remote Observing Request

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

### Instrument Setup

ALFA

**Atmospheric Observation Instruments:**

**Special Equipment or setup:** none

### RFI Considerations

## **Frequency Ranges Planned**

1200-1550

This proposal requires Iridium RFI protection at 1612 MHz between 10pm and 6am EST.

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

This proposal requires coordination with GPS L3 at 1381 MHz.