ANALYZING PULSARS (KNOWN AND UNKNOWN)
Team Hulse Pulsar Presentation

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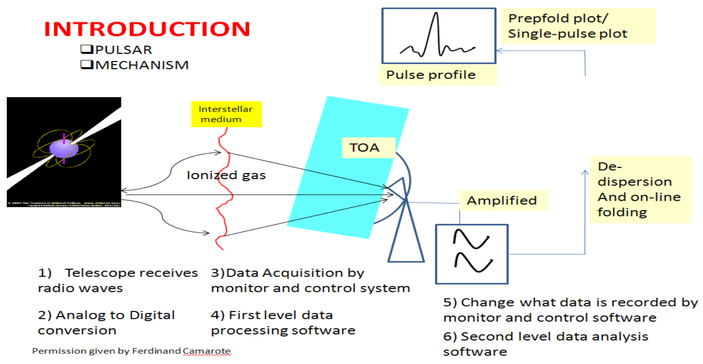
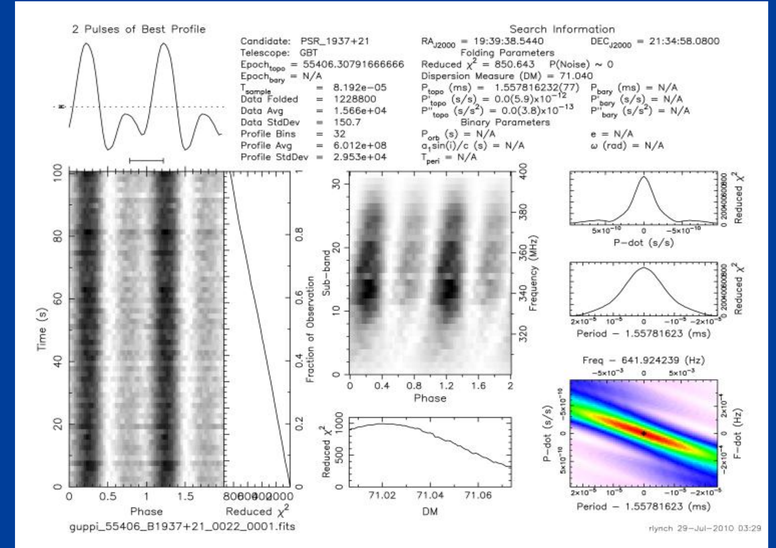
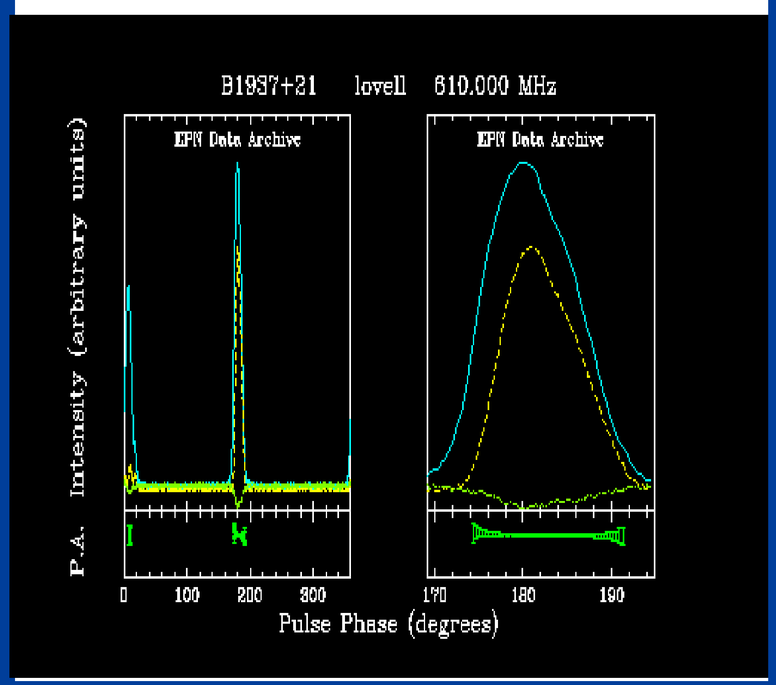
Introduction

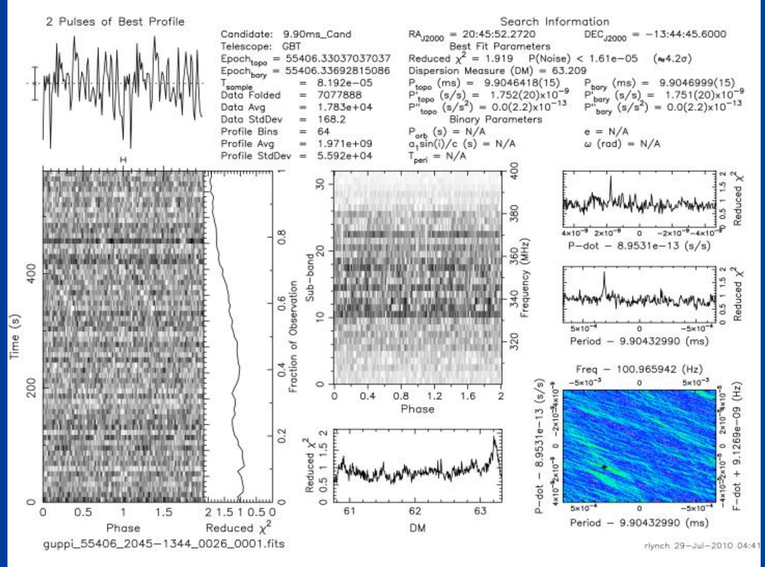
Our team was assigned to see 10 pointings from the PSC database and out of the ten we had 3 candidates which we confirmed from the GBT.





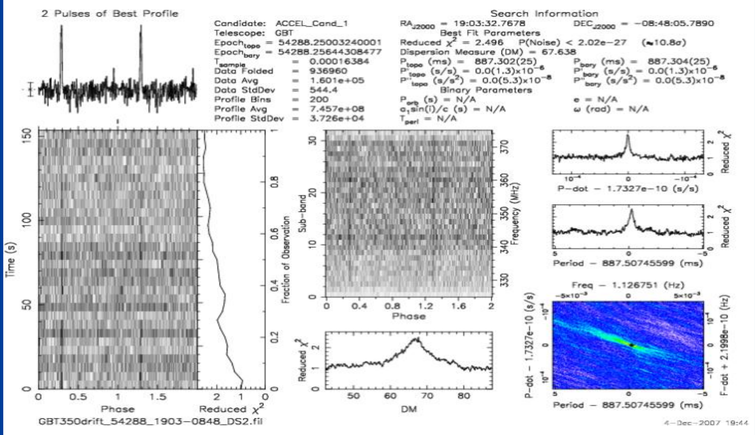


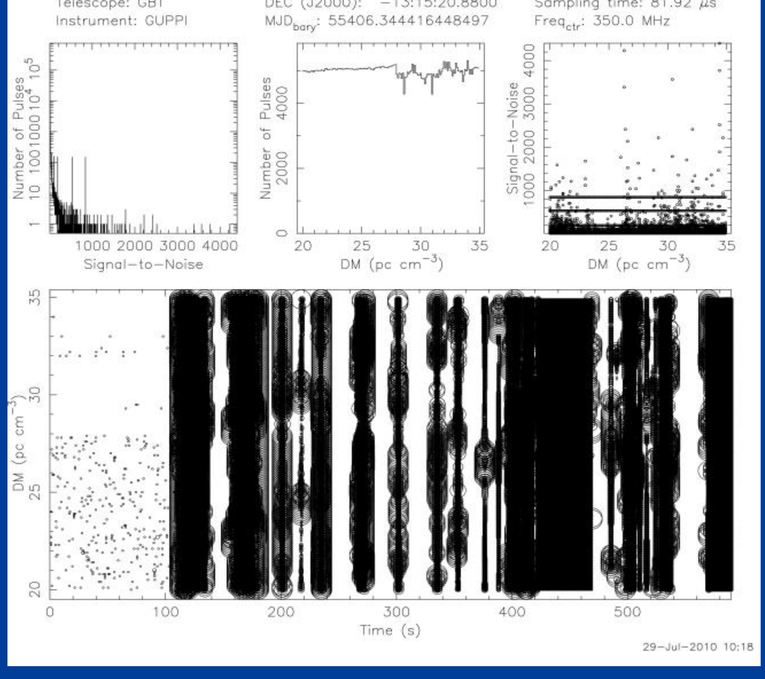
GBT Data 20:45-13:44



These plots represent noise not pulsars.

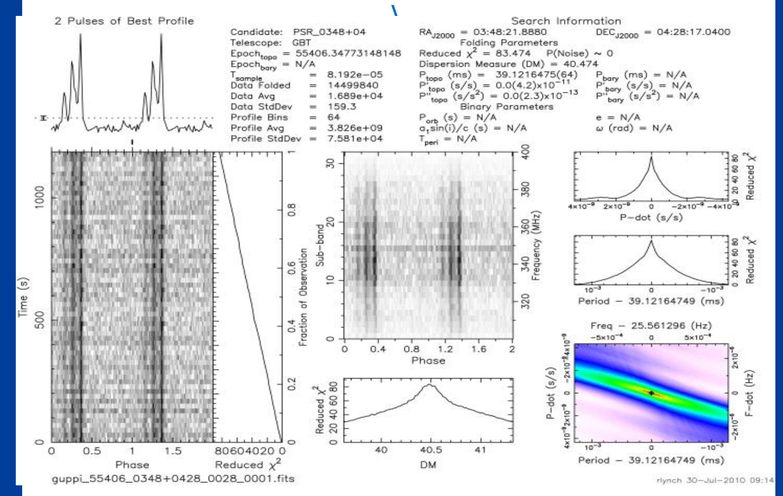
Candidate 19:03-08:48





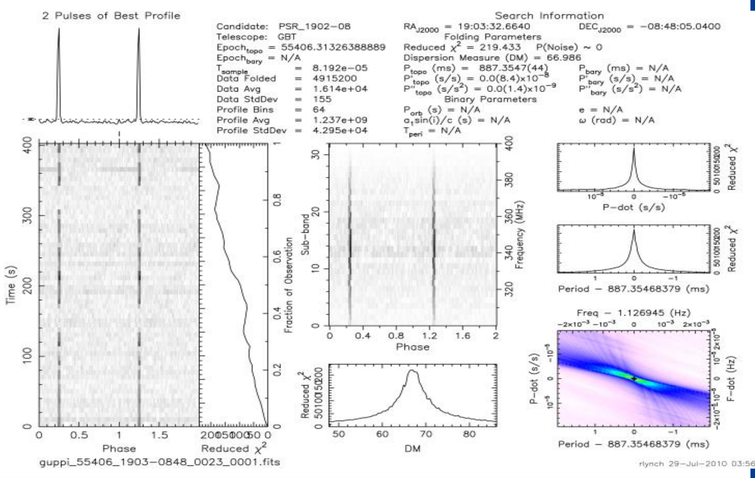
We believe this is a very good candidate because there is a very nice pulse and in the time vs. phase you can see a great signal and the DM peak has a clean peak

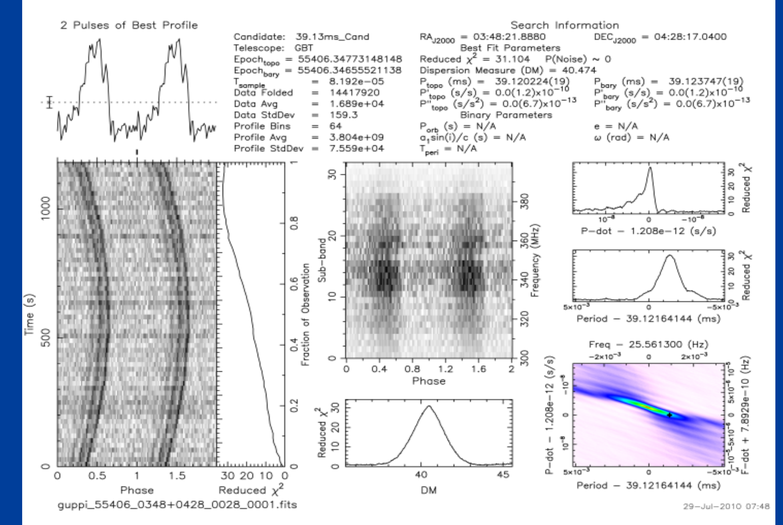
Binary Pulsar 03:48+04:28



We can tell it is a Binary Pulsar because the period changes very fast. From that we can notice that there are 2 pulsars

GBT Data 19:03-08:48





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- Joe
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