



The GBT Dynamic Scheduling System

Will Armentrout



Dynamic Scheduling System (DSS)

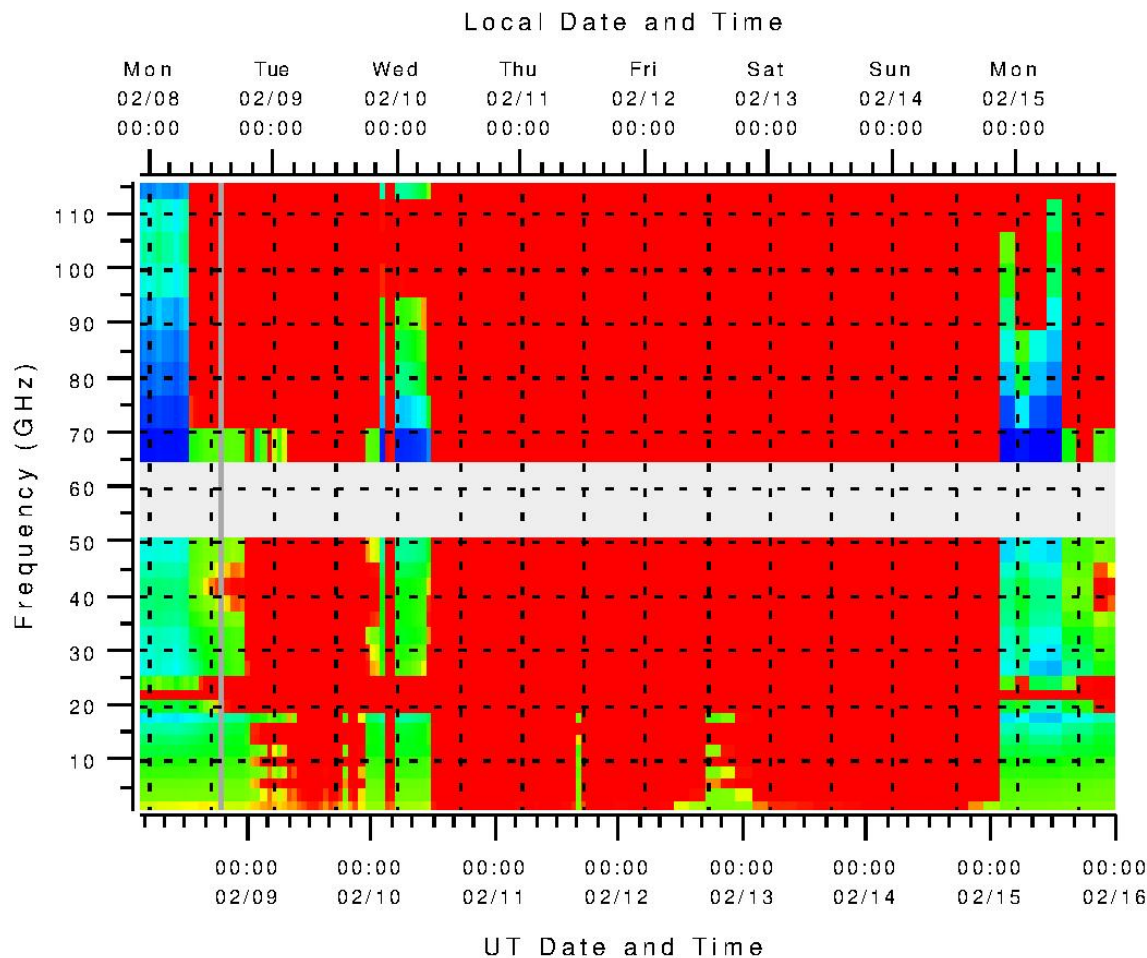
- GBT is scheduled 24-48 hours in advance
- Allows maximum use of excellent high frequency weather
 - Water vapor
 - Aerosols
 - Clear
 - Cloudy
 - Water or ice
 - Winds



Dynamic Scheduling System (DSS)

DSS Overview

Relative Efficiencies with Limits ($\text{Limits} \times \text{Effs} / \text{EffMin}$)



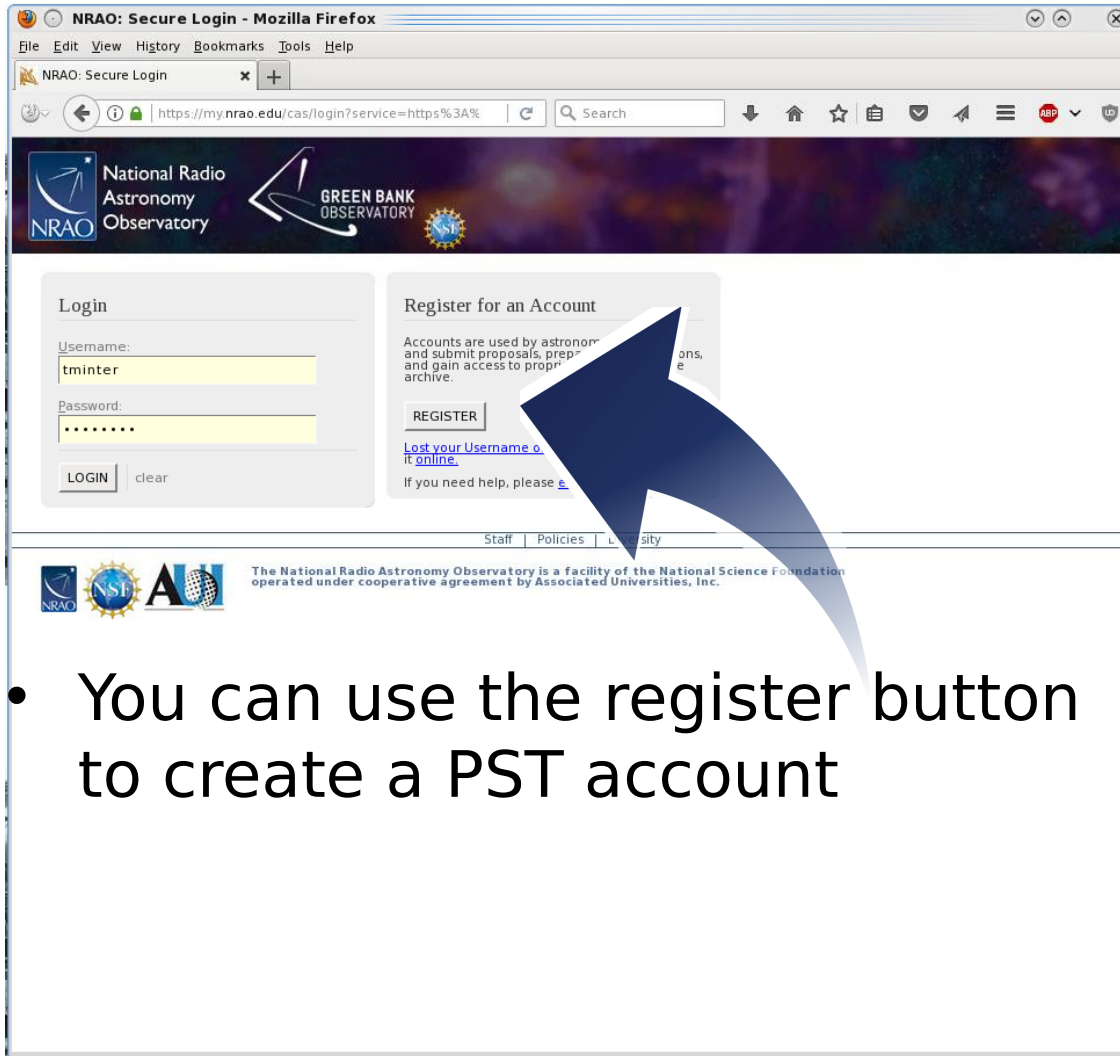
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OBSERVATORY

Logging into the DSS

- <https://dss.gb.nrao.edu/>



Dynamic Scheduling System



NRAO: Secure Login - Mozilla Firefox

File Edit View History Bookmarks Tools Help

NRAO: Secure Login

https://my.nrao.edu/cas/login?service=https%3A%...

NRAO National Radio Astronomy Observatory

GREEN BANK OBSERVATORY

Login

Username: tminter

Password:

LOGIN clear

Register for an Account

Accounts are used by astronomers to submit proposals, prepare observations, and gain access to proprietary data.

REGISTER

[Lost your Username or Password?](#)

If you need help, please [contact us](#).

Staff Policies Accessibility

The National Radio Astronomy Observatory is a facility of the National Science Foundation operated under cooperative agreement by Associated Universities, Inc.

- You can use the register button to create a PST account



Dynamic Scheduling System

NRAO: Secure Login - Mozilla Firefox

File Edit View History Bookmarks Tools Help

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Staff Policies Diversity

NRAO NSF AUI

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- Same user name and password as the Proposal Submission Tool (PST)
 - This is **not** your linux or windows computing account



DSS Profile Page

- Useful links

Profile - Toney Minter

Firefox

Profile - Toney Minter

https://dss.gb.nrao.edu/profile

170%

Search

DYNAMIC SCHEDULING

Home GBT Schedule Weather OpsLog Observer Comments Help Logout

Search People and Projects Search

Toney Minter ICAL

[Preferences](#)

Active Projects

Project ID	Title
GBT17B-131	GBT Observations of 36 GHz Methanol Masers Towards the Galactic Center
GBT20B-993	GBT Environment Sampling
TGBT09C_513	Startup-Minter
TGBT09C_527	RFI Checkout
TGBT10A_500	Receiver Checkouts

Assigned as Friend

Project ID	Required	Title
GBT17B-131		GBT Observations of 36 GHz Methanol Masers Towards the Galactic Center
Maintenance		Maintenance

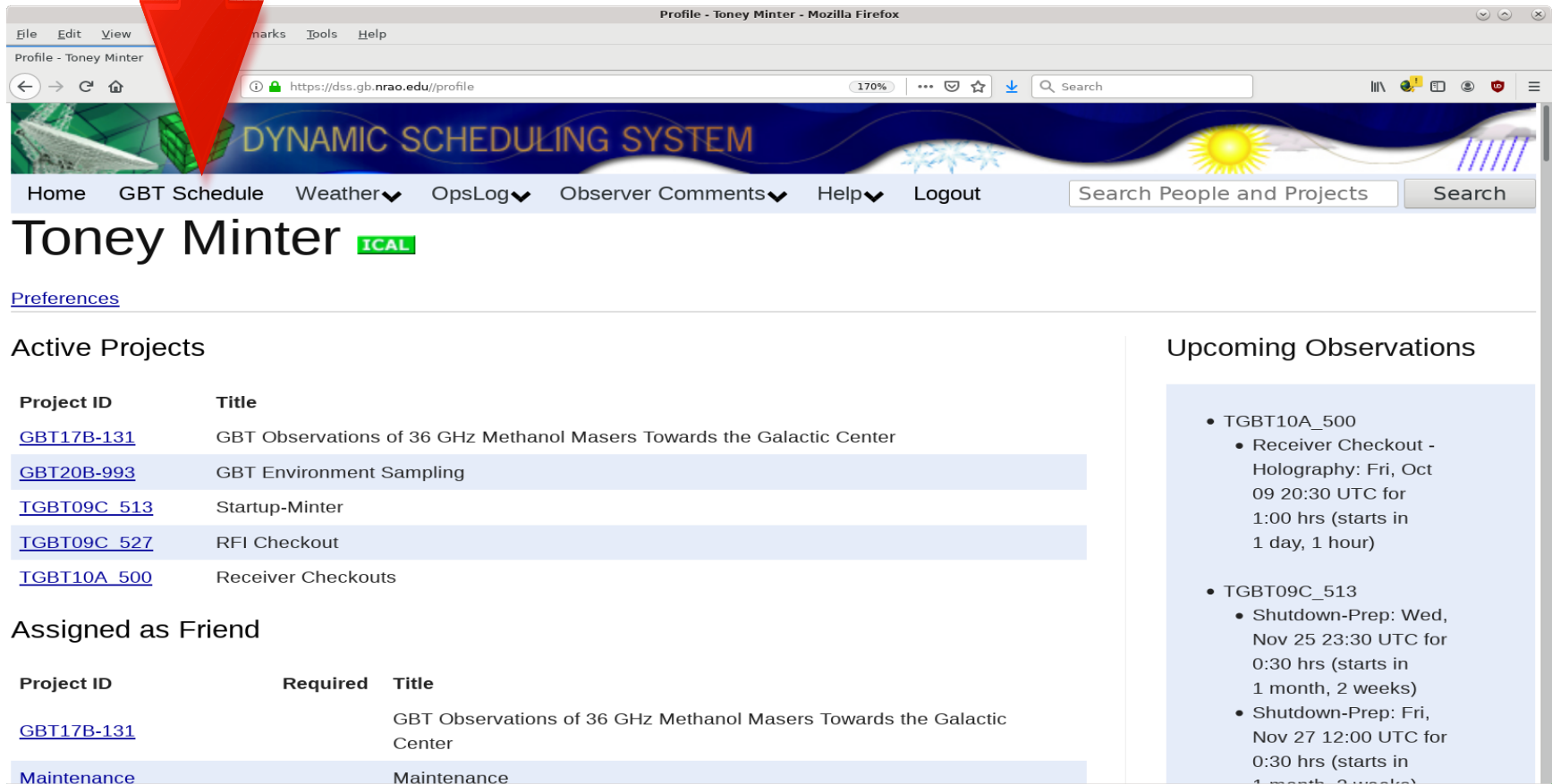
Upcoming Observations

- TGBT10A_500
 - Receiver Checkout - Holography: Fri, Oct 09 20:30 UTC for 1:00 hrs (starts in 1 day, 1 hour)
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 - Shutdown-Prep: Wed, Nov 25 23:30 UTC for 0:30 hrs (starts in 1 month, 2 weeks)
 - Shutdown-Prep: Fri, Nov 27 12:00 UTC for 0:30 hrs (starts in 1 month, 2 weeks)

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DSS Profile Page

See the GBT observing schedule



The screenshot shows the DSS Profile Page for Toney Minter. The browser window title is 'Profile - Toney Minter - Mozilla Firefox'. The address bar shows 'https://dss.gb.nrao.edu/profile'. The page has a blue header with the text 'DYNAMIC SCHEDULING SYSTEM' and a navigation bar with links: Home, GBT Schedule, Weather, OpsLog, Observer Comments, Help, and Logout. A search bar is also present. Below the navigation bar, the user's name 'Toney Minter' is displayed with a green 'ICAL' button. The page is divided into two main sections: 'Active Projects' and 'Upcoming Observations'. The 'Active Projects' section contains a table with project details. The 'Upcoming Observations' section contains a list of upcoming observations.

Active Projects

Project ID	Title
GBT17B-131	GBT Observations of 36 GHz Methanol Masers Towards the Galactic Center
GBT20B-993	GBT Environment Sampling
TGBT09C_513	Startup-Minter
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Project ID	Required	Title
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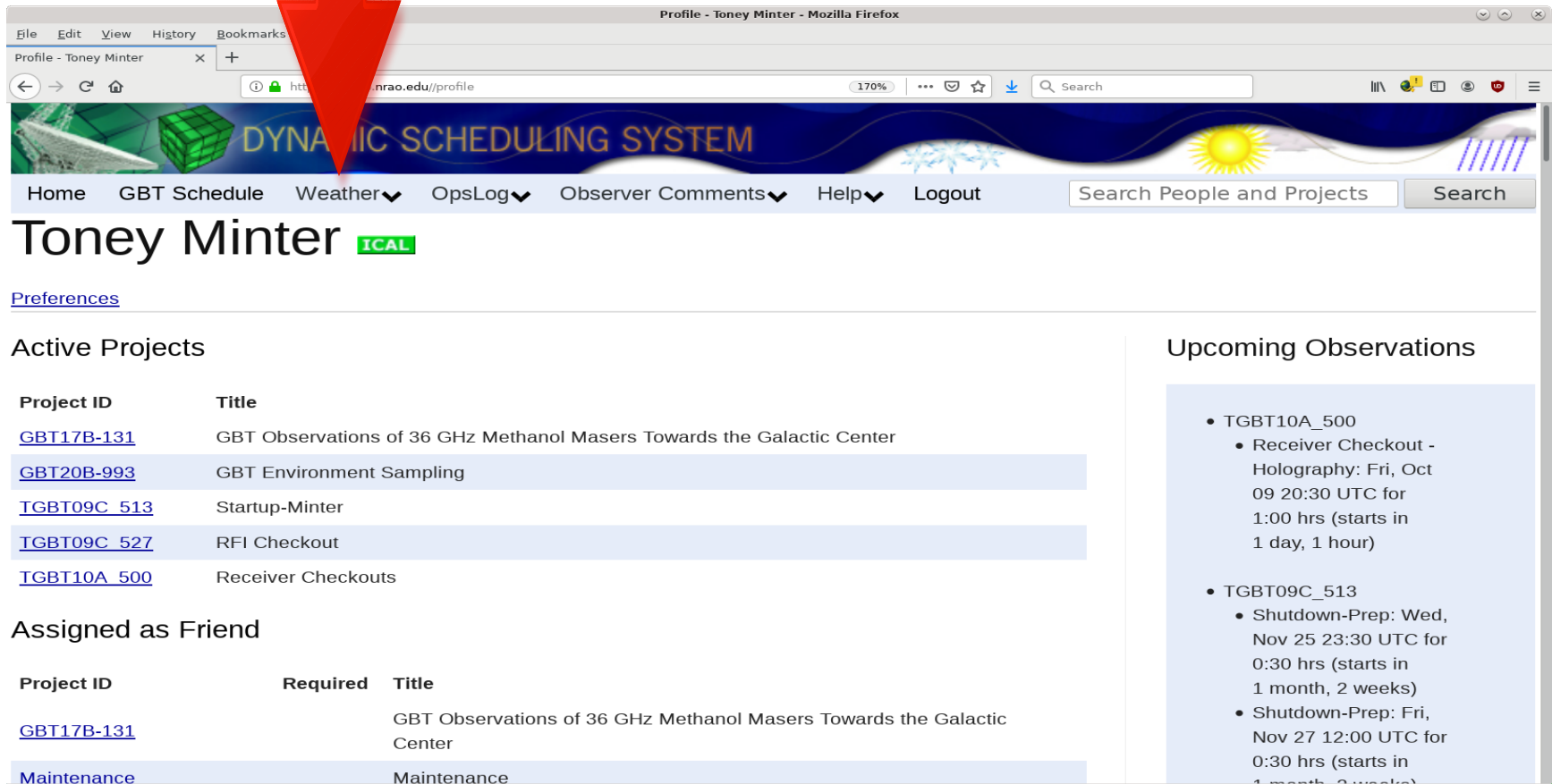
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DSS Profile Page

Weather forecasts used to schedule the GBT



Profile - Toney Minter - Mozilla Firefox

Profile - Toney Minter x +

Home GBT Schedule Weather OpsLog Observer Comments Help Logout Search People and Projects Search

Toney Minter ICAL

[Preferences](#)

Active Projects

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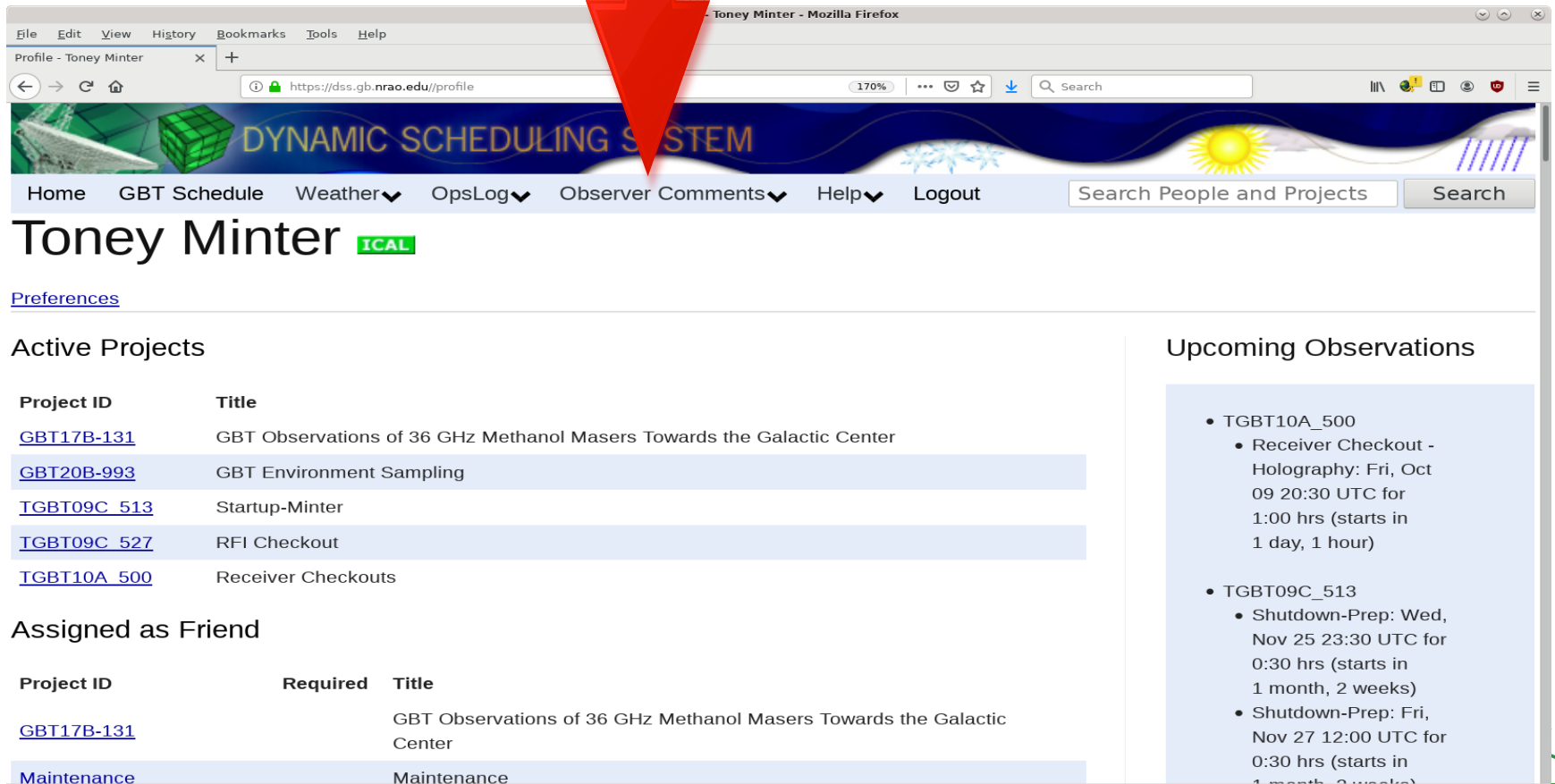
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OBSERVATORY

DSS Profile Page

Submit comments about your observing experience



The screenshot shows the DSS (Dynamic Scheduling System) profile page for Toney Minter. The browser window is titled 'Toney Minter - Mozilla Firefox' and the address bar shows 'https://dss.gb.nrao.edu/profile'. The page has a blue header with the text 'DYNAMIC SCHEDULING SYSTEM' and a navigation bar with links: Home, GBT Schedule, Weather, OpsLog, Observer Comments, Help, and Logout. A search bar is also present. Below the navigation bar, the user's name 'Toney Minter' is displayed with a green 'ICAL' tag. The page is divided into two main sections: 'Active Projects' and 'Upcoming Observations'. The 'Active Projects' section contains a table with columns 'Project ID' and 'Title'. The 'Upcoming Observations' section contains a list of observations with details about receiver checkout and shutdown-prep.

Active Projects

Project ID	Title
GBT17B-131	GBT Observations of 36 GHz Methanol Masers Towards the Galactic Center
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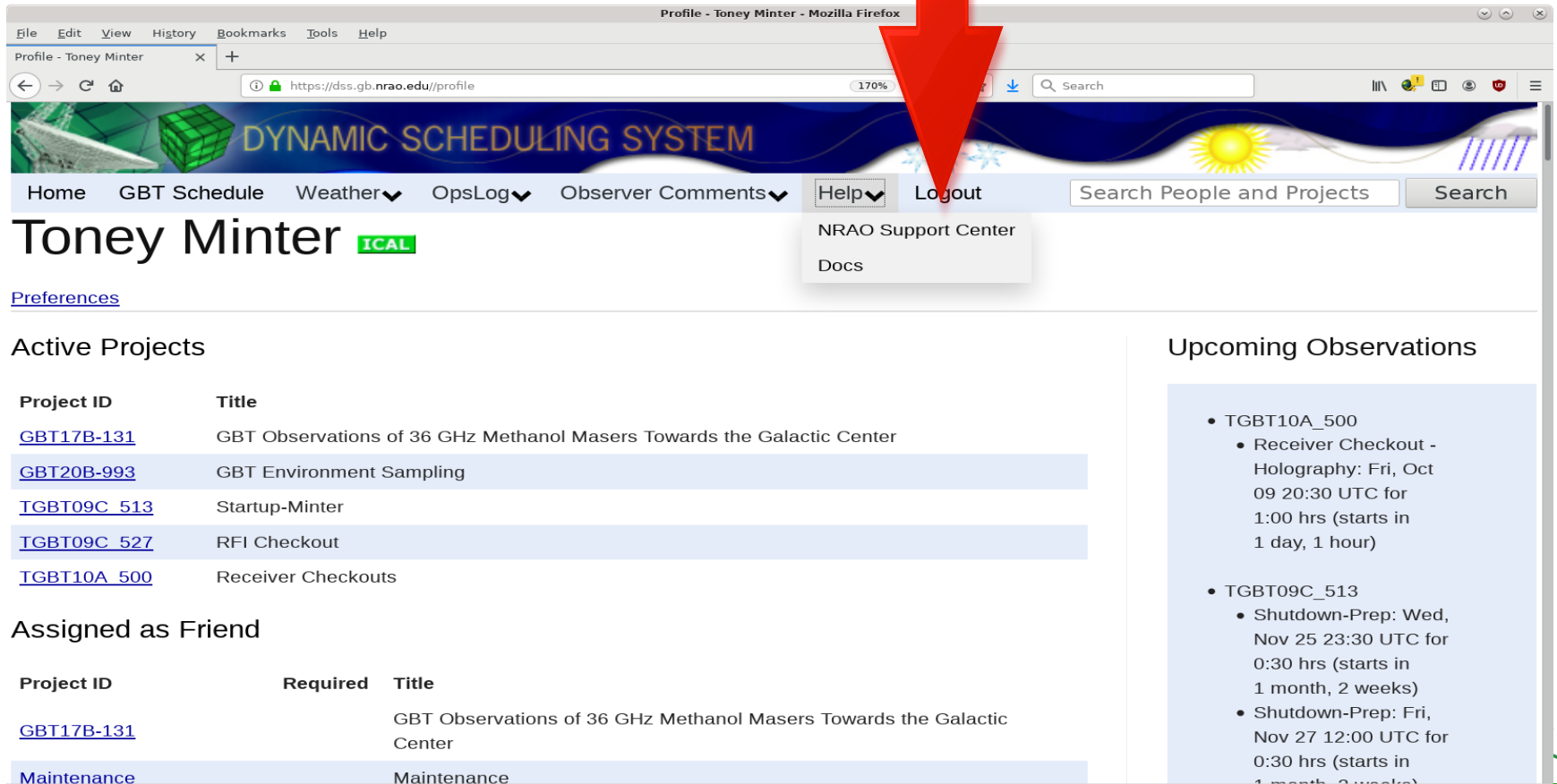
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DSS Profile Page

Use the helpdesk



Profile - Toney Minter - Mozilla Firefox

Profile - Toney Minter x +

https://dss.gb.nrao.edu/profile 170%

DYNAMIC SCHEDULING SYSTEM

Home GBT Schedule Weather OpsLog Observer Comments Help Logout Search People and Projects Search

Toney Minter ICAL

Preferences

Active Projects

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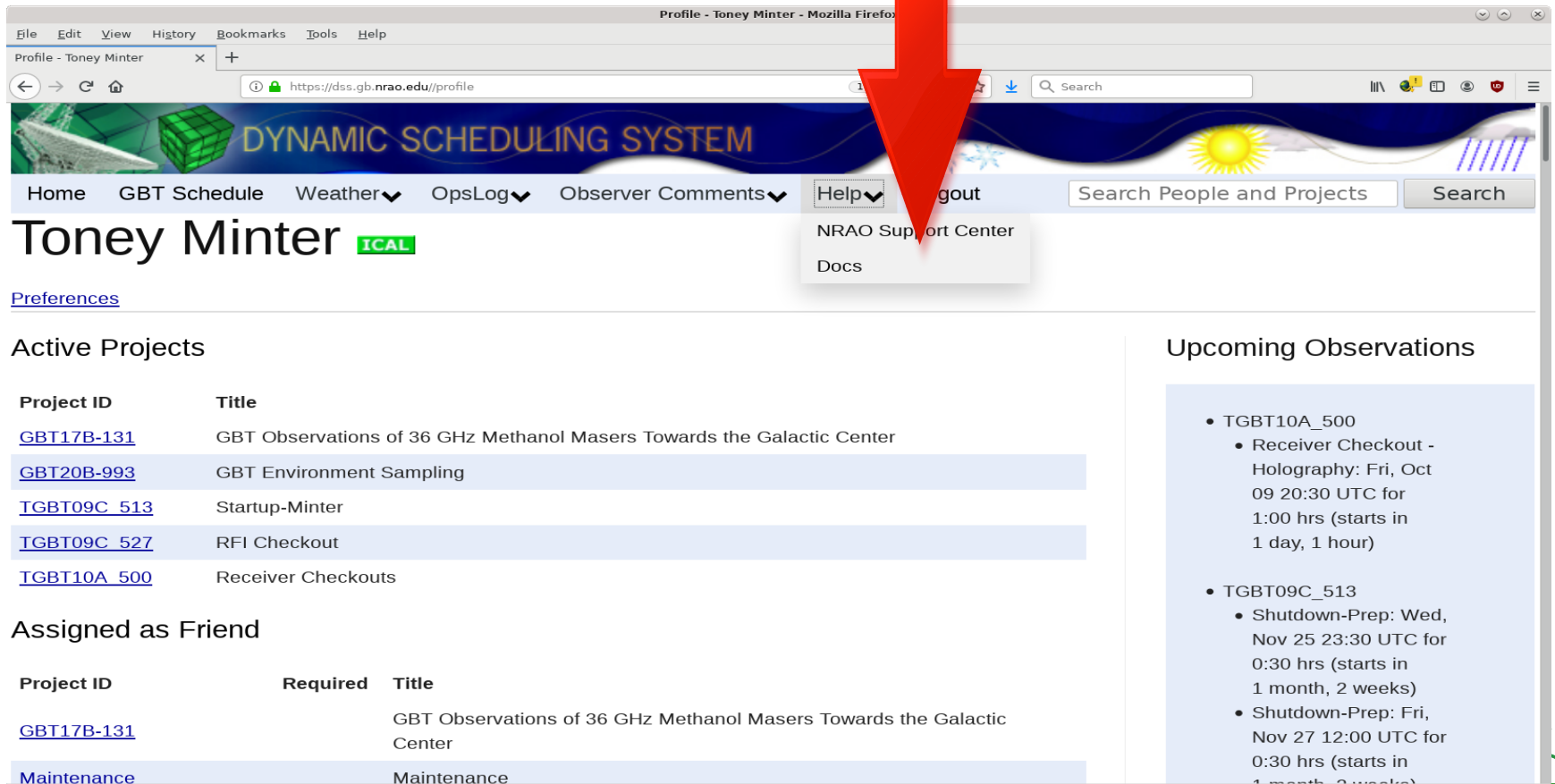
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OBSERVATORY

DSS Profile Page

Who reads the documentation?



Profile - Toney Minter - Mozilla Firefox

Profile - Toney Minter x +

https://dss.gb.nrao.edu/profile

DYNAMIC SCHEDULING SYSTEM

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Toney Minter ICAL

Preferences

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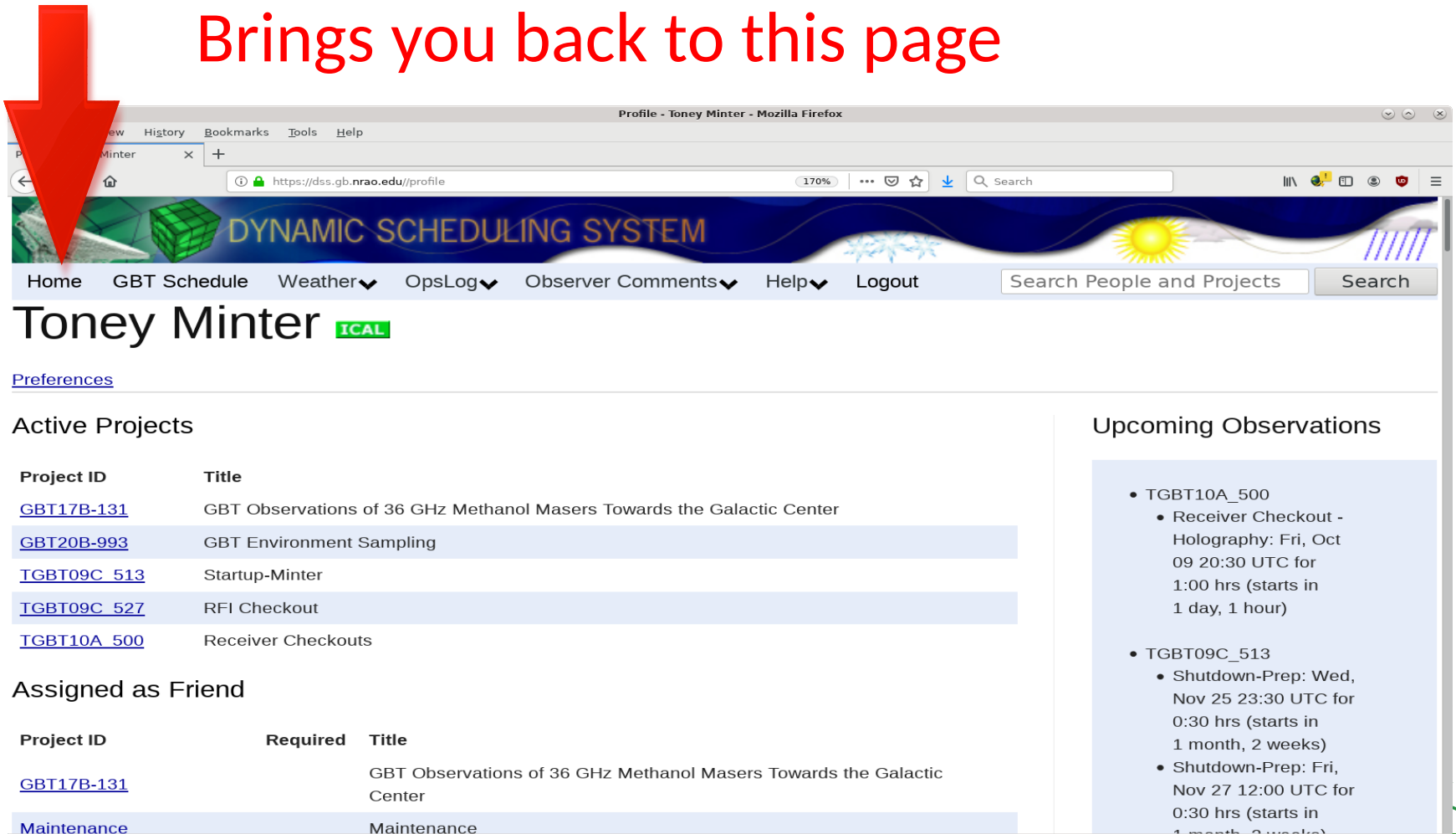
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OBSERVATORY

DSS Profile Page

Brings you back to this page



The screenshot shows the DSS (Dynamic Scheduling System) profile page for Toney Minter. The browser window is titled 'Profile - Toney Minter - Mozilla Firefox'. The address bar shows 'https://dss.gb.nrao.edu/profile'. The page has a blue header with the text 'DYNAMIC SCHEDULING SYSTEM' and a navigation bar with links: Home, GBT Schedule, Weather, OpsLog, Observer Comments, Help, and Logout. A search bar is also present. The profile name 'Toney Minter' is displayed with a green 'ICAL' tag. Below the profile name, there are sections for 'Active Projects' and 'Assigned as Friend'. The 'Active Projects' section lists five projects with their IDs and titles. The 'Assigned as Friend' section lists two entries. On the right side, there is a section for 'Upcoming Observations' which lists two observation events with their details.

Active Projects

Project ID	Title
GBT17B-131	GBT Observations of 36 GHz Methanol Masers Towards the Galactic Center
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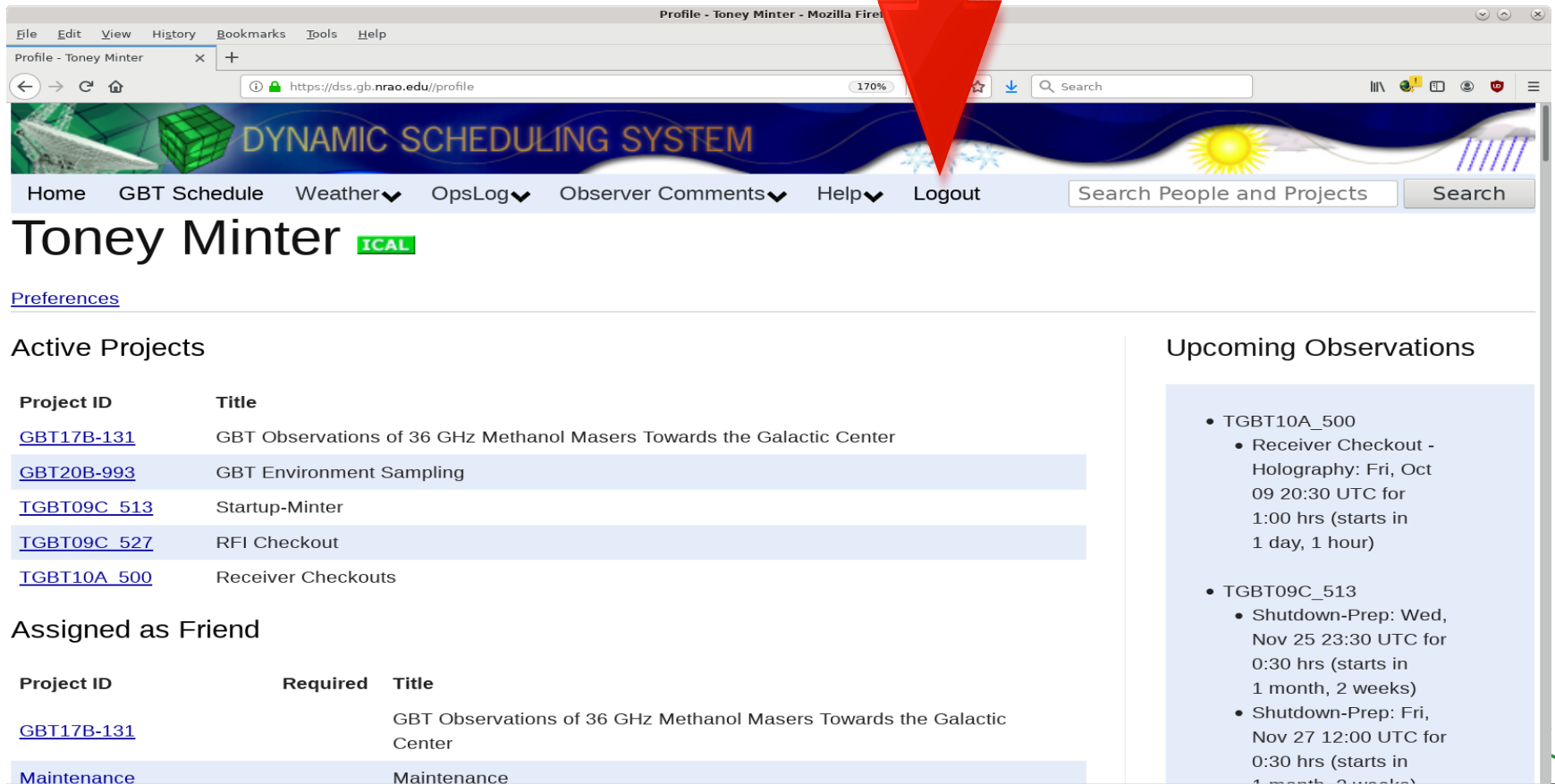
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OBSERVATORY

DSS Profile Page

Logout of the DSS



The screenshot shows the DSS Profile Page for Toney Minter. The browser window title is "Profile - Toney Minter - Mozilla Firefox". The address bar shows "https://dss.gb.nrao.edu/profile". The page features a banner with the text "DYNAMIC SCHEDULING SYSTEM" and a navigation bar with links: Home, GBT Schedule, Weather, OpsLog, Observer Comments, Help, and Logout. A search bar is also present. The user's name "Toney Minter" is displayed with a green "ICAL" tag. Below the navigation bar, there are sections for "Active Projects" and "Assigned as Friend". The "Active Projects" section lists five projects with their IDs and titles. The "Assigned as Friend" section lists two projects. On the right side, there is a section for "Upcoming Observations" which lists two observation events with their details.

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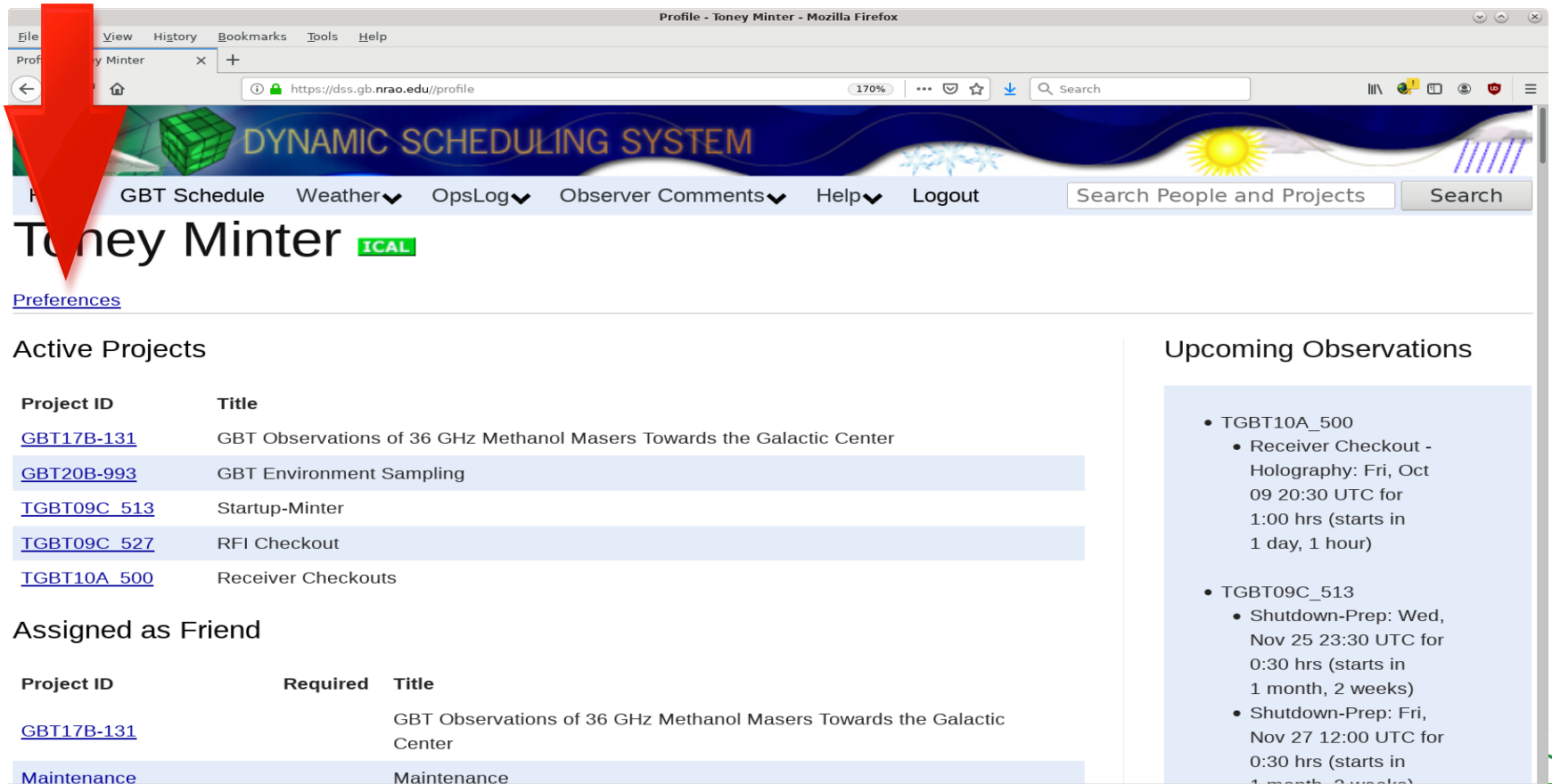
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OBSERVATORY

DSS Profile Page

Change your preferences



The screenshot shows the DSS Profile Page for Toney Minter. The browser window title is 'Profile - Toney Minter - Mozilla Firefox'. The address bar shows 'https://dss.gb.nrao.edu/profile'. The page has a blue header with the 'DYNAMIC SCHEDULING SYSTEM' logo and navigation links: GBT Schedule, Weather, OpsLog, Observer Comments, Help, and Logout. A search bar is also present. The main content area is divided into three sections: 'Active Projects', 'Assigned as Friend', and 'Upcoming Observations'. A large red arrow points to the 'Preferences' link in the left sidebar.

Active Projects

Project ID	Title
GBT17B-131	GBT Observations of 36 GHz Methanol Masers Towards the Galactic Center
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Assigned as Friend

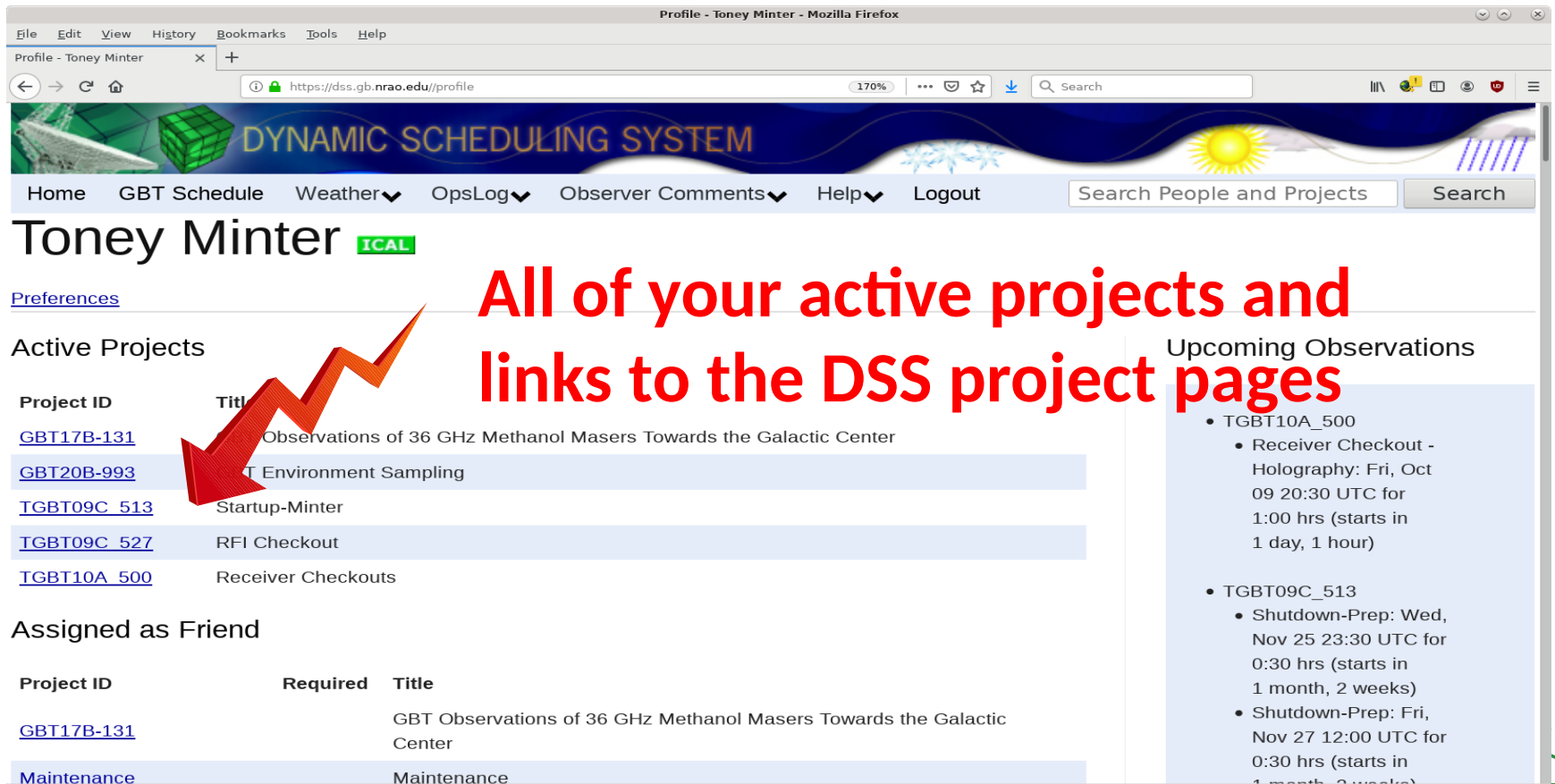
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OBSERVATORY

DSS Profile Page



Profile - Toney Minter - Mozilla Firefox

Profile - Toney Minter x +

https://dss.gb.nrao.edu/profile 170% Search

DYNAMIC SCHEDULING SYSTEM

Home GBT Schedule Weather OpsLog Observer Comments Help Logout Search People and Projects Search

Toney Minter ICAL

[Preferences](#)

Active Projects

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All of your active projects and links to the DSS project pages

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DSS Profile Page

Toney Minter ICAL

[Preferences](#)

Active Projects

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DSS Profile Page

Profile - Toney Minter - Mozilla Firefox

Profile - Toney Minter x +

https://dss.gb.nrao.edu/profile 170%

DYNAMIC SCHEDULING SYSTEM

Home GBT Schedule Weather OpsLog Observer Comments Help Logout Search People and Projects Search

Toney Minter **ICAL**

[Preferences](#)

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DSS Profile Page

Profile - Toney Minter - Mozilla Firefox

Profile - Toney Minter x +

https://dss.gb.nrao.edu/profile 170% Search

DYNAMIC SCHEDULING SYSTEM

Home GBT Schedule Weather▼ OpsLog▼ Observer Comments▼ Help▼ Logout Search People and Projects Search

Toney Minter ICAL

[Preferences](#)

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Now lets scroll down the page

GREEN BANK
OBSERVATORY

DSS Profile Page

Profile - Toney Minter - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Profile - Toney Minter x +

https://dss.gb.nrao.edu/profile 120% Search

Dynamic Contact Information

None

[edit](#)

Static Contact Information

To update, edit your profile at my.nrao.edu.

Email(s)
tonyminter@gbobservatory.org (Work)
tminter@nrao.edu (Other)

Phone(s)
304-456-2275 (Work)

Postal Address(es)
NRAO, PO Box 2, Green Bank, West Virginia, 24944,
United States, (Office)

Affiliation(s)
Green Bank Observatory

Blackout Dates (UTC)

Begin	End	Repeat	Until	Description
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[add](#)

Completed Projects

Project ID	Title
EPO15A-801	EPO images
GBT08B-034	The Magnetic Field in the HVC Smith's Cloud and the Galactic Halo
GBT08C-005	SIO Maser Observations of VY CMa
GBT09C-047	Sizes of Pulsar Emission Regions from Scintillation Statistics
GBT10C-035	Investigating the small-scale structure of HI

- Shutdown-Prep: Wed, Nov 24 23:30 UTC for 0:30 hrs (starts in 1 year, 1 month)
- Shutdown-Prep: Fri, Nov 26 12:00 UTC for 0:30 hrs (starts in 1 year, 1 month)
- Shutdown-Prep: Fri, Dec 24 23:30 UTC for 0:30 hrs (starts in 1 year, 2 months)
- Shutdown-Prep: Sun, Dec 26 12:00 UTC for 0:30 hrs (starts in 1 year, 2 months)
- Shutdown-Prep: Wed, Nov 23 23:30 UTC for 0:30 hrs (starts in 2 years, 1 month)
- Shutdown-Prep: Fri, Nov 25 12:00 UTC for 0:30 hrs (starts in 2 years, 1 month)
- Shutdown-Prep: Sat, Dec 24 23:30 UTC for 0:30 hrs (starts in 2 years, 2 months)
- Shutdown-Prep: Mon, Dec 26 12:00 UTC for 0:30 hrs (starts in 2 years, 2 months)

Upcoming Reservations

check-in	check-out
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DSS Profile Page

List of dates
when
visiting GBO

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EPO15A-801	EPO images
GBT08B-034	The Magnetic Field in the HVC Smith's Cloud and the Galactic Halo
GBT08C-005	SiO Maser Observations of VY CMa
GBT09C-047	Sizes of Pulsar Emission Regions from Schmalzer
GBT10C-035	Investigating the small-scale structure of HI
GBT11A-099	GBT All Sky HI Mapping
GBT12B-198	The small-scale structure of HI: Reconciling VLBI and Pulsar Observations
GBT13A-515	Constraining the distance to the Galactic Center magnetar SGR J1745-29
GBT13A-516	Studying the new magnetar in the Galactic center
GBT13A-524	The distance to the Galactic Center magnetar SGR J1745-29 - Part II
GBT13A-525	Studies at low-frequencies of the magnetar in the Galactic center - II part
GBT13B-274	The Nature of the Smith Cloud: Largest HVC or Dwarf Galaxy Merger Remnant
GBT14A-082	Anomalous 1720 MHz OH: A New Tracer Of Physical Conditions In Molecular Clouds?
GBT14B-480	STEREO B signal lost - GBT attempt to detect for APL/JHU
GBT14B-513	Molecules in Smiths Cloud?
GBT15A-999	Space Research
GBT15B-161	GBT Observations of 36 GHz Methanol Masers Towards the Galactic Center
GBT15B-997	Shin'en 2 Observations
GBT16A-461	Public Outreach: GBT Mercury Transit Observations
GBT16A-471	Pilot Observations of 6.7GHz Methanol Masers towards High Mass Stars

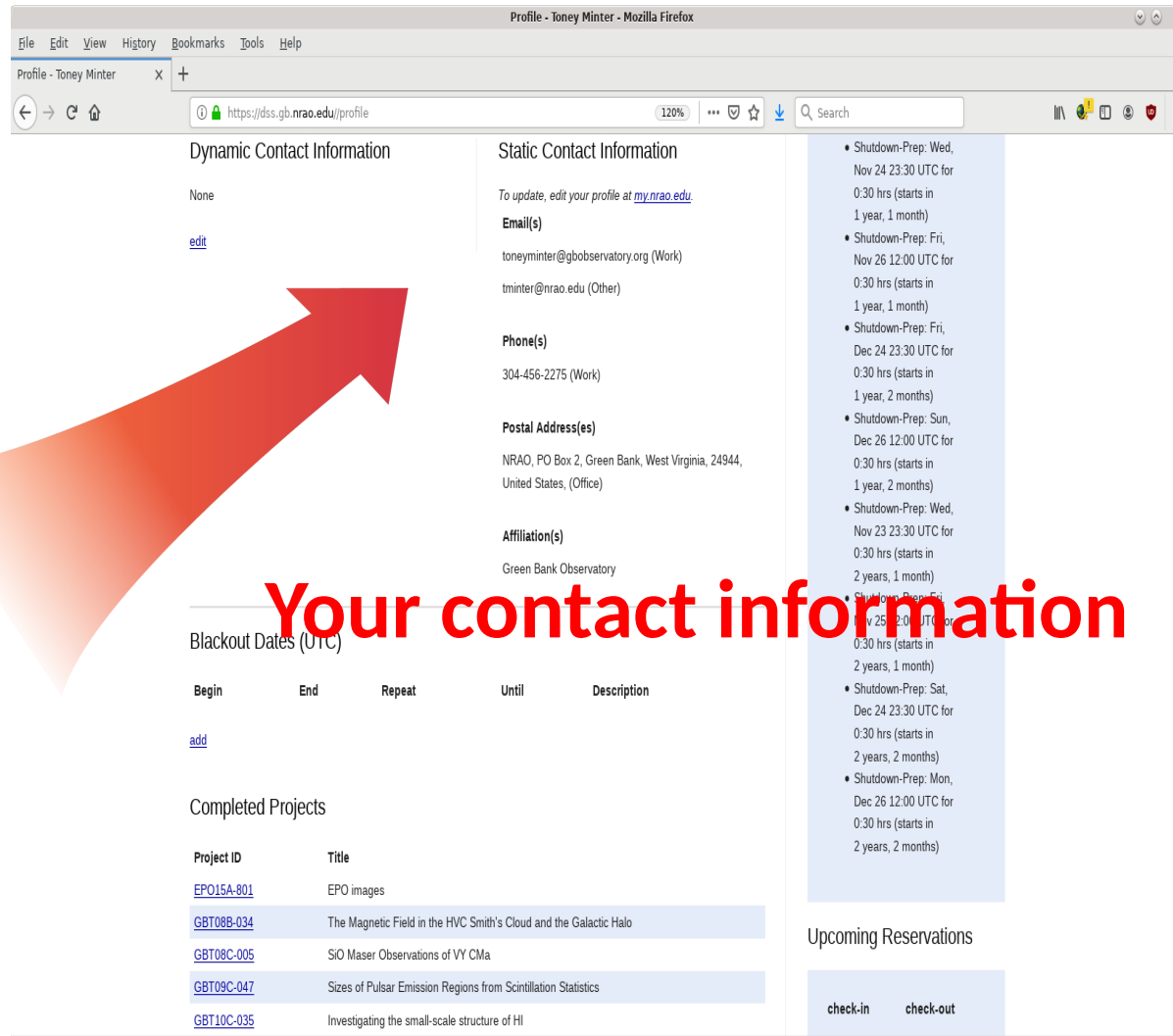
Upcoming Reservations

check-in check-out

0:30 hrs (starts in 2 years, 2 months)
• Shutdown-Prep: Mon, Dec 26 12:00 UTC for 0:30 hrs (starts in 2 years, 2 months)



DSS Profile Page



Profile - Toney Minter - Mozilla Firefox

Profile - Toney Minter x +

https://dss.gb.nrao.edu/profile

Dynamic Contact Information

None

[edit](#)

Static Contact Information

To update, edit your profile at my.nrao.edu

Email(s)
tonyminter@gbobservatory.org (Work)
tminter@nrao.edu (Other)

Phone(s)
304-456-2275 (Work)

Postal Address(es)
NRAO, PO Box 2, Green Bank, West Virginia, 24944, United States, (Office)

Affiliation(s)
Green Bank Observatory

Blackout Dates (UTC)

Begin	End	Repeat	Until	Description
add				

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Upcoming Reservations

check-in	check-out
<ul style="list-style-type: none">Shutdown-Prep: Wed, Nov 24 23:30 UTC for 0:30 hrs (starts in 1 year, 1 month)Shutdown-Prep: Fri, Nov 26 12:00 UTC for 0:30 hrs (starts in 1 year, 1 month)Shutdown-Prep: Fri, Dec 24 23:30 UTC for 0:30 hrs (starts in 1 year, 2 months)Shutdown-Prep: Sun, Dec 26 12:00 UTC for 0:30 hrs (starts in 1 year, 2 months)Shutdown-Prep: Wed, Nov 23 23:30 UTC for 0:30 hrs (starts in 2 years, 1 month)Shutdown-Prep: Fri, Nov 25 12:00 UTC for 0:30 hrs (starts in 2 years, 1 month)Shutdown-Prep: Sat, Dec 24 23:30 UTC for 0:30 hrs (starts in 2 years, 2 months)Shutdown-Prep: Mon, Dec 26 12:00 UTC for 0:30 hrs (starts in 2 years, 2 months)	



DSS Profile Page

Profile - Toney Minter - Mozilla Firefox

Profile - Toney Minter

https://dss.gb.nrao.edu/profile

Unscheduled Maintenance

Dynamic Contact Information

None

[edit](#)

Static Contact Information

To update, edit your profile at my.nrao.edu.

Email(s)

tonyminter@gboobservatory.org (Work)

tminter@nrao.edu (Other)

Phone(s)

304-456-2275 (Work)

Postal Address(es)

NRAO, P.O. Box 2, Green Bank, West Virginia, 24744, United States, (Office)

Affiliation(s)

Green Bank Observatory

Blackout Dates (UTC)

Begin	End	Repeat	Until	Description
add				

Dec 26 12:00 UTC for 0:30 hrs (starts in 2 months, 2 weeks)

- Shutdown-Prep: Wed, Nov 24 23:30 UTC for 0:30 hrs (starts in 1 year, 1 month)
- Shutdown-Prep: Fri, Nov 26 12:00 UTC for 0:30 hrs (starts in 1 year, 1 month)
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- Shutdown-Prep: Sat, Dec 24 23:30 UTC for 0:30 hrs (starts in 2 years, 2 months)
- Shutdown-Prep: Mon,



DSS Profile Page

Profile - Toney Minter - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Profile - Toney Minter x +

← → ↻ 🏠 <https://dss.gb.nrao.edu/profile> 150% 🔒 ⭐ 🔍 Search

[Unscheduled Maintenance](#) Unscheduled Maintenance

Dynamic Contact Information

None

[edit](#)

Static Contact Information

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Email(s)

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- Shutdown-Prep: Sat, Dec 24 23:30 UTC for 0:30 hrs (starts in 2 years, 2 months)
- Shutdown-Prep: Mon,

Use this link to update your dynamic contact information (in a text field)



DSS Profile Page

Profile - Toney Minter - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Profile - Toney Minter x +

← → ↻ 🏠 🔒 https://dss.gb.nrao.edu/profile 150% 🔍 Search

[Unscheduled Maintenance](#) Unscheduled Maintenance

Dynamic Contact Information

None

[edit](#)

Static Contact Information

To update, edit your profile at my.nrao.edu.

Email(s)

toneminter@gboobservatory.org (Work)

tminter@nrao.edu (Other)

Phone(s)

304-456-2275 (Work)

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NRAO, PO Box 2, Green Bank, West Virginia, 24944, United States, (Office)

Affiliation(s)

Green Bank Observatory

Blackout Dates (UTC)

Begin	End	Repeat	Until	Description
add				

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- Shutdown-Prep: Sat, Dec 24 23:30 UTC for 0:30 hrs (starts in 2 years, 2 months)
- Shutdown-Prep: Mon,



DSS Profile Page

Dynamic Contact Information

None

[edit](#)

Static Contact Information

To update, edit your profile at my.nrao.edu.

Email: tinter@nrao.edu (Other)

Phone: 304-456-2275 (Work)

Address: [View Address\(es\)](#)
17600, P.O. Box 2, Green Bank, West Virginia, 24944, United States, (Office)

[Affiliations](#)
Green Bank Observatory

Blackout Dates (UTC)

Begin	End	Repeat	Until	Description
add				

Completed Projects

Project ID	Title
EPO15A-801	EPO images
GBT08B-034	The Magnetic Field in the HVC Smith's Cloud and the Galactic Halo
GBT08C-005	SIO Maser Observations of VY CMa
GBT09C-047	Sizes of Pulsar Emission Regions from Scintillation Statistics

Upcoming Reservations

check-in	check-out
Shutdown-Prep: Wed, Nov 24 23:30 UTC for 0:30 hrs (starts in 1 year, 1 month)	
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Shutdown-Prep: Mon, Dec 26 12:00 UTC for 0:30 hrs (starts in 2 years, 2 months)	



DSS Profile Page

Enter times when you
can not observe here!

Profile - Toney Minter - Mozilla Firefox

Profile - Toney Minter

https://dss.gb.nrao.edu/profile

Dynamic Contact Information

None

[edit](#)

Static Contact Information

To update, edit your profile at my.nrao.edu

Email(s)

toneyminter@gbobservatory.org (Work)

tminter@nrao.edu (Other)

Phone(s)

304-456-2275 (Work)

Address(es)

NRAO, PO Box 2, Green Bank, West Virginia, 24944, United States, (Office)

Affiliation(s)

Green Bank Observatory

Blackout Dates (UTC)

Begin	End	Repeat	Until
-------	-----	--------	-------

[add](#)

Completed Projects

Project ID	Title
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DSS Profile Page

Profile - Toney Minter - Mozilla Firefox

Profile - Toney Minter

https://dss.gb.nrao.edu/profile

Dynamic Contact Information

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Phone(s)

304-456-2275 (Work)

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NRAO, PO Box 2, Green Bank, West Virginia, 24944, United States, (Office)

Affiliation(s)

Green Bank Observatory

Blackout Dates (UTC)

Begin	End	Repeat	Until	Description
add				

Completed Projects

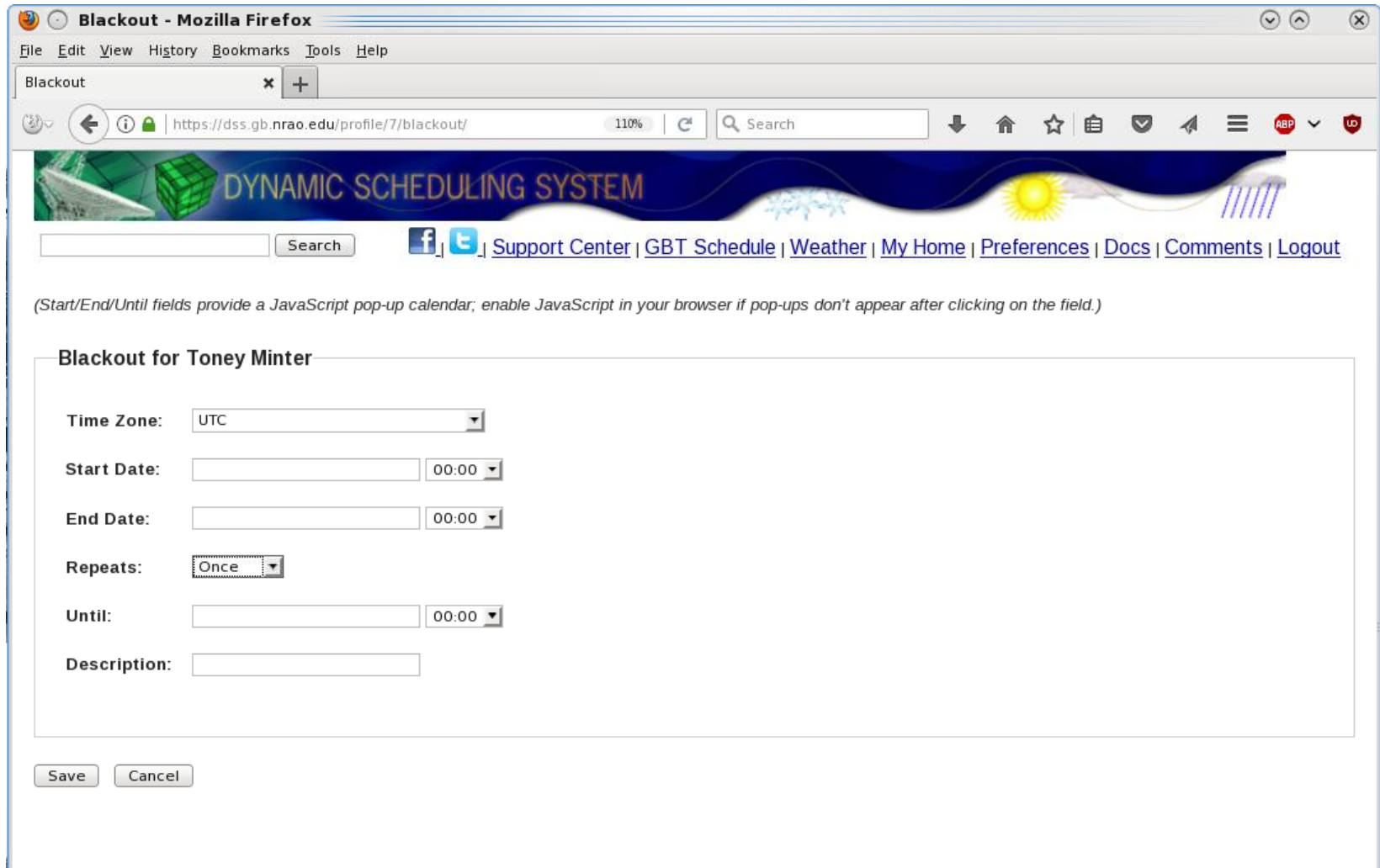
Project ID	Title
EPO15A-801	EPO images
GBT08B-034	The Magnetic Field in the HVC Smith's Cloud and the Galactic Halo
GBT08C-005	SIO Maser Observations of VY CMa
GBT09C-047	Sizes of Pulsar Emission Regions from Scintillation Statistics

Upcoming Reservations

check-in	check-out
Shutdown-Prep: Wed, Nov 24 23:30 UTC for 0:30 hrs (starts in 1 year, 1 month)	
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Shutdown-Prep: Mon, Dec 26 12:00 UTC for 0:30 hrs (starts in 2 years, 2 months)	



DSS Blackout Entry



The screenshot shows a web browser window titled "Blackout - Mozilla Firefox". The address bar displays the URL "https://dss.gb.nrao.edu/profile/7/blackout/". The page features a header with the text "DYNAMIC SCHEDULING SYSTEM" and a navigation menu with links: "Support Center", "GBT Schedule", "Weather", "My Home", "Preferences", "Docs", "Comments", and "Logout". Below the header, a note states: "(Start/End/Until fields provide a JavaScript pop-up calendar; enable JavaScript in your browser if pop-ups don't appear after clicking on the field.)". The main form is titled "Blackout for Toney Minter" and contains the following fields:

- Time Zone:** A dropdown menu set to "UTC".
- Start Date:** A text input field followed by a time dropdown set to "00:00".
- End Date:** A text input field followed by a time dropdown set to "00:00".
- Repeats:** A dropdown menu set to "Once".
- Until:** A text input field followed by a time dropdown set to "00:00".
- Description:** A text input field.

At the bottom of the form are "Save" and "Cancel" buttons.

DSS Blackout Entry

Blackout - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Blackout

https://dss.gb.nrao.edu/profile/7/blackout/ 110%

DYNAMIC SCHEDULING SYSTEM

Search

Support Center | GBT Schedule | Weather | My Home | Preferences | Docs | Comments | Logout

(Start/End/Until fields provide a JavaScript pop-up calendar; enable JavaScript in your browser if pop-ups don't appear after clicking on the field.)

Blackout for Toney Minter

Time Zone: UTC

Start Date: 00:00

End Date: :00

Repeats: Once

Until:

Description:

Save Cancel

Blackouts can be repeated Weekly or Monthly

DSS Blackout Entry

Blackout - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Blackout

https://dss.gb.nrao.edu/profile/7/blackout/ 110%

DYNAMIC SCHEDULING SYSTEM

Search

Support Center | GBT Schedule | Weather | My Home | Preferences | Docs | Comments | Logout

(Start/End/Until fields provide a JavaScript pop-up calendar; enable JavaScript in your browser if pop-ups don't appear after clicking on the field.)

Blackout for Toney Minter

Time Zone: UTC

Start Date: 00:00

End Date: :00

Repeats: Once

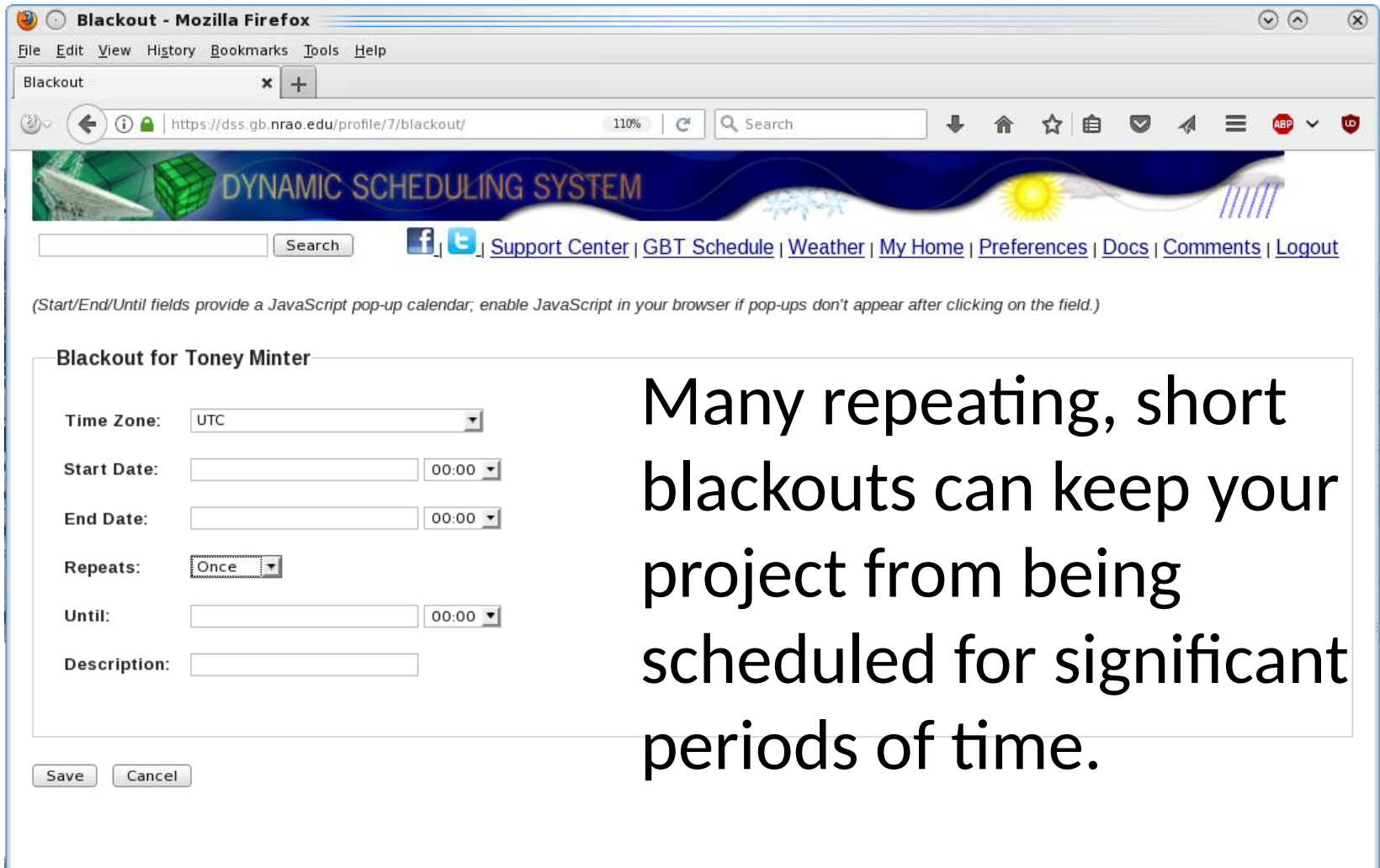
Until:

Description:

Save Cancel

Blackouts for each day of the week must be used for daily repeats

DSS Blackout Entry



The screenshot shows a Mozilla Firefox browser window titled "Blackout - Mozilla Firefox". The address bar displays "https://dss.gb.nrao.edu/profile/7/blackout/" with a 110% zoom level. The page header features a banner for the "DYNAMIC SCHEDULING SYSTEM" with a search bar and navigation links: Support Center, GBT Schedule, Weather, My Home, Preferences, Docs, Comments, and Logout. Below the header, a note states: "(Start/End/Until fields provide a JavaScript pop-up calendar; enable JavaScript in your browser if pop-ups don't appear after clicking on the field.)". The main form is titled "Blackout for Toney Minter" and contains the following fields:

- Time Zone: UTC (dropdown menu)
- Start Date: [] 00:00 (dropdown menu)
- End Date: [] 00:00 (dropdown menu)
- Repeats: Once (dropdown menu)
- Until: [] 00:00 (dropdown menu)
- Description: []

At the bottom of the form are "Save" and "Cancel" buttons.

Many repeating, short blackouts can keep your project from being scheduled for significant periods of time.

DSS Profile Page

Profile - Toney Minter - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Profile - Toney Minter

https://dss.gb.nrao.edu/profile

Dynamic Contact Information

None

[edit](#)

Static Contact Information

To update, edit your profile at [my.nrao.edu](#).

Email(s)

tminter@nrao.edu (Other)

Phone(s)

304-456-2275 (Work)

Postal Address(es)

NRAO, PO Box 2, Green Bank, West Virginia, 24944, United States, (Office)

Address(es)

Green Bank Observatory

Upcoming Reservations

- TGBT10A_500
- Receiver Checkout - Q: Tue, May 15 20:30 UTC for 1:15 hrs

check-in	check-out

Blackout Dates (UTC)

Begin	End	Repeat	Until	Description
11 Apr 2018 21:00	12 Apr 2018 03:45	Weekly	30 May 2018 23:00	Quixote and Boji School edit delete

[add](#)

Completed Projects

Project ID	Description
EPO15A-801	EPO images
GBT08B-034	The Magnetic Field in the HVC Smith's Cloud and the Galactic Halo
GBT08C-005	SiO Maser Observations of VY CMa
GBT09C-047	Sizes of Pulsar Emission Regions from Scintillation Statistics
GBT10C-035	Investigating the small-scale structure of HI

Now lets head to a DSS project page



DSS Project Page

GBT18A-314 - Mozilla Firefox

File Edit View History Bookmarks Tools Help

GBT18A-314

https://dss.gb.nrao.edu/project/GBT18A-314

DYNAMIC SCHEDULING SYSTEM

Search

Support Center | GBT Schedule | Weather | My Home | Preferences | Docs | Comments | Logout

GBT18A-314

Does The Smith Cloud Have A Debris Stream?

Project Sessions

Name	Coordinates	Freq	Rcvr	Time billed	Min/Max Dur.	Type	Gr	Enabled	Other Parameters
GBT18A-314-01	RA: 23:44:15.0 Dec: 17:45:05.0	1.44	L	9.0 / 9.0	0.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-02	RA: 00:30:19.0 Dec: 06:48:11.0	1.44	L	9.0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-03	RA: 00:29:03.0 Dec: 12:48:35.0	1.44	L	9.0 / 9.0	1.25 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-04	RA: 02:26:43.0 Dec: 02:48:40.0	1.44	L	7.75 / 9.0	0.5 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-05	RA: 22:33:26.0 Dec: -05:44:32.0	1.44	L	9.0 / 9.0	3.0 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-06	RA: 21:53:37.0 Dec: 03:45:44.0	1.44	L	7.75 / 9.0	1.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-07	RA: 22:31:56.0 Dec: 03:01:59.0	1.44	L	0.0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-08	RA: 21:54:26.0 Dec: 12:42:54.0	1.44	L	9.0 / 9.0	2.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-09	RA: 22:44:49.0 Dec: 06:00:16.0	1.44	L	0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-10	RA: 22:52:47.0 Dec: 10:26:21.0	1.44	L	0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	

Information

Friends
[Tony Minter](#)

Trimester
18A

Thesis?
No

Total Time (Hrs)
90.0

Time Billed (Hrs)
60.5

Complete?
No

Scheduling Alerts

Receiver(s)
Unavailable:

Upcoming Reservations



DSS Project Page

GBT18A-314 - Mozilla Firefox

File Edit View History Bookmarks Tools Help

GBT18A-314

https://dss.gb.nrao.edu/project/GBT18A-314

DYNAMIC SCHEDULING SYSTEM

Search

Support Center | GBT Schedule | Weather | My Home | Preferences | Docs | Comments | Logout

GBT18A-314

Does The Smith Cloud Have A Debris Stream?

Project Sessions

Name	Coordinates	Freq	Rcvr	Time billed	Min/Max Dur.	Type	Gr	Enabled	Other Parameters
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GBT18A-314-05	RA: 22:33:26.0 Dec: -05:44:32.0	1.44	L	9.0 / 9.0	3.0 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-06	RA: 21:53:37.0 Dec: 03:45:44.0	1.44	L	7.75 / 9.0	1.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
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GBT18A-314-09	RA: 22:44:49.0 Dec: 06:00:16.0	1.44	L	0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
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Information

Friends
[Tony Minter](#)

Trimester
18A

Thesis?
No

Total Time (Hrs)
90.0

Time Billed (Hrs)
60.5

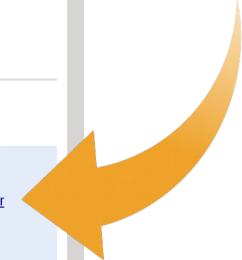
Complete?
No

Scheduling Alerts

Receiver(s)
Unavailable:

Upcoming Reservations

Everyone
needs a
friend



GREEN BANK
OBSERVATORY

DSS Project Page

GBT18A-314 - Mozilla Firefox

File Edit View History Bookmarks Tools Help

GBT18A-314

https://dss.gb.nrao.edu/project/GBT18A-314

DYNAMIC SCHEDULING SYSTEM

Search

Support Center | GBT Schedule | Weather | My Home | Preferences | Docs | Comments | Logout

GBT18A-314

Does The Smith Cloud Have A Debris Stream?

Project Sessions

Name	Coordinates	Freq	Rcvr	Time billed	Min/Max Dur.	Type	Gr	Enabled	Other Parameters
GBT18A-314-01	RA: 23:44:15.0 Dec: 17:45:05.0	1.44	L	9.0 / 9.0	0.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
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GBT18A-314-05	RA: 22:33:26.0 Dec: -05:44:32.0	1.44	L	9.0 / 9.0	3.0 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
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GBT18A-314-10	RA: 22:52:47.0 Dec: 10:26:21.0	1.44	L	0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	

Information

Friends
[Tony Minter](#)

Trimester
18A

Thesis?
No

Total Time (Hrs)
90.0

Time Billed (Hrs)
60.5

Complete?
No

Scheduling Alerts

Receiver(s)
Unavailable:

Upcoming Reservations

Is this a
student's
thesis
project



DSS Project Page

GBT18A-314 - Mozilla Firefox

File Edit View History Bookmarks Tools Help

GBT18A-314

https://dss.gb.nrao.edu/project/GBT18A-314

DYNAMIC SCHEDULING SYSTEM

Search

Support Center | GBT Schedule | Weather | My Home | Preferences | Docs | Comments | Logout

GBT18A-314

Does The Smith Cloud Have A Debris Stream?

Project Sessions

Name	Coordinates	Freq	Rcvr	Time billed	Min/Max Dur.	Type	Gr	Enabled	Other Parameters
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GBT18A-314-05	RA: 22:33:26.0 Dec: -05:44:32.0	1.44	L	9.0 / 9.0	3.0 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-06	RA: 21:53:37.0 Dec: 03:45:44.0	1.44	L	7.75 / 9.0	1.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-07	RA: 22:31:56.0 Dec: 03:01:59.0	1.44	L	0.0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-08	RA: 21:54:26.0 Dec: 12:42:54.0	1.44	L	9.0 / 9.0	2.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-09	RA: 22:44:49.0 Dec: 06:00:16.0	1.44	L	0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-10	RA: 22:52:47.0 Dec: 10:26:21.0	1.44	L	0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	

Information

Friends
[Tony Minter](#)

Trimester
18A

Thesis?
No

Total Time (Hrs)
90.0

Time Billed (Hrs)
60.5

Complete?
No

Scheduling Alerts

Receiver(s)
Unavailable:

Upcoming Reservations

How much time is allocated and has been used by the project



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DSS Project Page

GBT18A-314 - Mozilla Firefox

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GBT18A-314

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GBT18A-314

Does The Smith Cloud Have A Debris Stream?

Project Sessions

Name	Coordinates	Freq	Rcvr	Time billed	Min/Max Dur.	Type	Gr	Enabled	Other Parameters
GBT18A-314-01	RA: 23:44:15.0 Dec: 17:45:05.0	1.44	L	9.0 / 9.0	0.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-02	RA: 00:30:19.0 Dec: 06:48:11.0	1.44	L	9.0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
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Information

Friends
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Trimester
18A

Thesis?
No

Total Time (Hrs)
90.0

Time Billed (Hrs)
60.5

Complete?
No

Scheduling Alerts

Receiver(s)
Unavailable:

Upcoming Reservations

Is the project
completed
or closed



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Does The Smith Cloud Have A Debris Stream?

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Information

Friends
[Tony Minter](#)

Trimester
18A

Thesis?
No

Total Time (Hrs)
90.0

Time Billed (Hrs)
60.5

Complete?
No

Scheduling Alerts

Receiver(s)
Unavailable:

Upcoming Reservations

Are the receiver(s) available (uses or logic)



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GBT18A-314

Does The Smith Cloud Have A Debris Stream?

Project Sessions

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Information

Friends
[Toney Minter](#)

Trimester
18A

Thesis?
No

Total Time (Hrs)
90.0

Time Billed (Hrs)
60.5

Complete?
No

Scheduling Alerts

Receiver(s)
Unavailable:

Upcoming Reservations

Is any project team member visiting GBO



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Does The Smith Cloud Have A Debris?

Project Sessions

Name	Coordinates	Freq	Rcvr	Time billed	Min/Max Dur.	Type	Gr	map	d	C	h	Parameters
GBT18A-314-01	RA: 23:44:15.0 Dec: 17:45:05.0	1.44	L	9.0 / 9.0	0.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>				
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Information

Friends
[Tony Minter](#)

Trimester
18A

Thesis?
No

Total Time (Hrs)
90.0

Time Billed (Hrs)
60.5

Complete?
No

Scheduling Alerts

Receiver(s)
Unavailable:

Upcoming Reservations

**Your project's sessions
These are what are
scheduled**



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GBT18A-314

Does The Smith Cloud Have A Debris Stream?

Project Session Information

Name	Coordinates	Freq	Rcvr	Time billed	Min/Max Dur.	Type	Gr	Enabled	Other Parameters
GBT18A-314-01	RA: 23:44:15.0 Dec: 17:45:05.0	1.44	L	9.0 / 9.0	0.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-02	RA: 00:30:19.0 Dec: 06:48:11.0	1.44	L	9.0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
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Friends
[Tony Minter](#)

Trimester
18A

Thesis?
No

Total Time (Hrs)
90.0

Time Billed (Hrs)
60.5

Complete?
No

Scheduling Alerts

Receiver(s)
Unavailable:

Upcoming Reservations

**Name of Session
Will appear on schedule**



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GBT18A-314

Does The Smith Cloud Have A Debris Stream?

Project Session

Name	Coordinates	Freq	Rcvr	Time billed	Min/Max Dur.	Type	Gr	Enabled	Other Parameters
GBT18A-314-01	RA: 23:44:15.0 Dec: 17:45:05.0	1.44	L	9.0 / 9.0	0.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
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Information

Friends: [Tony Minter](#)

Thesis? No

Total Time (Hrs) 90.0

Time Billed (Hrs) 60.5

Complete? No

Scheduling Alerts

Receiver(s) Unavailable:

Upcoming Reservations

RA and Dec used to schedule the session – if this is not up you will not be scheduled



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GBT18A-314

Does The Smith Cloud Have A Debris Stream

Project Sessions

Name	Coordinates	Freq	Rcvr	Time billed	Min/Max Dur.	Type	Gr	State	Other Parameters
GBT18A-314-01	RA: 23:44:15.0 Dec: 17:45:05.0	1.44	L	9.0 / 9.0	0.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
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Information

Friends
[Tony Minter](#)

Trimester
18A

Thesis?
No

Total Time (Hrs)
90.0

Time Billed (Hrs)
60.5

Complete?
No

Scheduling Alerts

Receiver(s)
Unavailable:

Upcoming Reservations

Frequency used to determine weather parameters



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Does The Smith Cloud Have A Debris Stream?

Project Sessions

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Information

Friends
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Trimester
18A

Thesis?
No

Total Time (Hrs)
90.0

Time Billed (Hrs)
60.5

Complete?
No

Scheduling Alerts

Receiver(s)
Unavailable:

Upcoming Reservations

Receiver(s) to be used
And (&) Or (I) logic used



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Does The Smith Cloud Have A Debris Stream?

Project Sessions

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GBT18A-314-02	RA: 00:30:19.0 Dec: 06:48:11.0	1.44	L	9.0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-03	RA: 00:29:03.0 Dec: 12:48:35.0	1.44	L	9.0 / 9.0	1.25 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-04	RA: 02:26:43.0 Dec: 02:48:40.0	1.44	L	7.75 / 9.0	0.5 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-05	RA: 22:33:26.0 Dec: -05:44:32.0	1.44	L	9.0 / 9.0	3.0 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-06	RA: 21:53:37.0 Dec: 03:45:44.0	1.44	L	7.75 / 9.0	1.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-07	RA: 22:31:56.0 Dec: 03:01:59.0	1.44	L	0.0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-08	RA: 21:54:26.0 Dec: 12:42:54.0	1.44	L	9.0 / 9.0	2.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-09	RA: 22:44:49.0 Dec: 06:00:16.0	1.44	L	0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-10	RA: 22:52:47.0 Dec: 10:26:21.0	1.44	L	0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	

Information

Friends
[Tony Minter](#)

Trimester
18A

Thesis?
No

Total Time (Hrs)
90.0

Time Billed (Hrs)
60.5

Complete?
No

Scheduling Alerts

Receiver(s)
Unavailable:

Upcoming Reservations

Time allocated and used for each session



GREEN BANK
OBSERVATORY

DSS Project Page

GBT18A-314 - Mozilla Firefox

File Edit View History Bookmarks Tools Help

GBT18A-314

https://dss.gb.nrao.edu/project/GBT18A-314

DYNAMIC SCHEDULING SYSTEM

Search

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GBT18A-314

Does The Smith Cloud Have A Debris Stream?

Project Sessions

Name	Coordinates	Freq	Rcvr	Time billed	Min/Max Dur.	Type	Gr	Requested	Other Parameters
GBT18A-314-01	RA: 23:44:15.0 Dec: 17:45:05.0	1.44	L	9.0 / 9.0	0.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-02	RA: 00:30:19.0 Dec: 06:48:11.0	1.44	L	9.0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-03	RA: 00:29:03.0 Dec: 12:48:35.0	1.44	L	9.0 / 9.0	1.25 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-04	RA: 02:26:43.0 Dec: 02:48:40.0	1.44	L	7.75 / 9.0	0.5 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-05	RA: 22:33:26.0 Dec: -05:44:32.0	1.44	L	9.0 / 9.0	3.0 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-06	RA: 21:53:37.0 Dec: 03:45:44.0	1.44	L	7.75 / 9.0	1.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-07	RA: 22:31:56.0 Dec: 03:01:59.0	1.44	L	0.0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-08	RA: 21:54:26.0 Dec: 12:42:54.0	1.44	L	9.0 / 9.0	2.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-09	RA: 22:44:49.0 Dec: 06:00:16.0	1.44	L	0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-10	RA: 22:52:47.0 Dec: 10:26:21.0	1.44	L	0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	

Information

Friends
[Toney Minter](#)

Trimester
18A

Thesis?
No

Total Time (Hrs)
90.0

Time Billed (Hrs)
60.5

Complete?
No

Scheduling Alerts

Receiver(s)
Unavailable:

Upcoming Reservations

Minimum/Maximum
requested length of
scheduled time



DSS Project Page

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GBT18A-314

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Search

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GBT18A-314

Does The Smith Cloud Have A Debris Stream?

Project Sessions

Name	Coordinates	Freq	Rcvr	Time billed	Min/Max Dur.	Type	Gr	Enabled	Other Parameters
GBT18A-314-01	RA: 23:44:15.0 Dec: 17:45:05.0	1.44	L	9.0 / 9.0	0.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-02	RA: 00:30:19.0 Dec: 06:48:11.0	1.44	L	9.0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-03	RA: 00:29:03.0 Dec: 12:48:35.0	1.44	L	9.0 / 9.0	1.25 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-04	RA: 02:26:43.0 Dec: 02:48:40.0	1.44	L	7.75 / 9.0	0.5 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-05	RA: 22:33:26.0 Dec: -05:44:32.0	1.44	L	9.0 / 9.0	3.0 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-06	RA: 21:53:37.0 Dec: 03:45:44.0	1.44	L	7.75 / 9.0	1.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-07	RA: 22:31:56.0 Dec: 03:01:59.0	1.44	L	0.0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-08	RA: 21:54:26.0 Dec: 12:42:54.0	1.44	L	9.0 / 9.0	2.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-09	RA: 22:44:49.0 Dec: 06:00:16.0	1.44	L	0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-10	RA: 22:52:47.0 Dec: 10:26:21.0	1.44	L	0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	

Information

Friends: [Toney Minter](#)

Thesis? No

Total Time (Hrs) 90.0

Time Billed (Hrs) 60.5

Complete? No

Scheduling Alerts

Receiver(s) Unavailable:

Upcoming Reservations

**Spectral line,
continuum,
pulsar, VLBI,
radar, etc.**



DSS Project Page

GBT18A-314 - Mozilla Firefox

File Edit View History Bookmarks Tools Help

GBT18A-314

https://dss.gb.nrao.edu/project/GBT18A-314

DYNAMIC SCHEDULING SYSTEM

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GBT18A-314

Does The Smith Cloud Have A Debris Stream?

Project Sessions

Name	Coordinates	Freq	Rcvr	Time billed	Min/Max Dur.	Type	Gr	Enabled	Other Parameters
GBT18A-314-01	RA: 23:44:15.0 Dec: 17:45:05.0	1.44	L	9.0 / 9.0	0.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-02	RA: 00:30:19.0 Dec: 06:48:11.0	1.44	L	9.0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-03	RA: 00:29:03.0 Dec: 12:48:35.0	1.44	L	9.0 / 9.0	1.25 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-04	RA: 02:26:43.0 Dec: 02:48:40.0	1.44	L	7.75 / 9.0	0.5 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-05	RA: 22:33:26.0 Dec: -05:44:32.0	1.44	L	9.0 / 9.0	3.0 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-06	RA: 21:53:37.0 Dec: 03:45:44.0	1.44	L	7.75 / 9.0	1.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-07	RA: 22:31:56.0 Dec: 03:01:59.0	1.44	L	0.0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-08	RA: 21:54:26.0 Dec: 12:42:54.0	1.44	L	9.0 / 9.0	2.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-09	RA: 22:44:49.0 Dec: 06:00:16.0	1.44	L	0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-10	RA: 22:52:47.0 Dec: 10:26:21.0	1.44	L	0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	

Information

Friends
[Tony Minter](#)

Trimester
18A

Thesis?
No

Total Time (Hrs)
90.0

Time Billed (Hrs)
60.5

Complete?
No

Scheduling Alerts

Receiver(s)
Unavailable:

Upcoming Reservations

Assigned priority
A, B or C



DSS Project Page

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File Edit View History Bookmarks Tools Help

GBT18A-314

https://dss.gb.nrao.edu/project/GBT18A-314

DYNAMIC SCHEDULING SYSTEM

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GBT18A-314

Does The Smith Cloud Have A Debris Stream?

Project Sessions

Name	Coordinates	Freq	Rcvr	Time billed	Min/Max Dur.	Type	Gr	Enabled	Other Parameters
GBT18A-314-01	RA: 23:44:15.0 Dec: 17:45:05.0	1.44	L	9.0 / 9.0	0.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-02	RA: 00:30:19.0 Dec: 06:48:11.0	1.44	L	9.0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-03	RA: 00:29:03.0 Dec: 12:48:35.0	1.44	L	9.0 / 9.0	1.25 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-04	RA: 02:26:43.0 Dec: 02:48:40.0	1.44	L	7.75 / 9.0	0.5 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-05	RA: 22:33:26.0 Dec: -05:44:32.0	1.44	L	9.0 / 9.0	3.0 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
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GBT18A-314-07	RA: 22:31:56.0 Dec: 03:01:59.0	1.44	L	0.0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-08	RA: 21:54:26.0 Dec: 12:42:54.0	1.44	L	9.0 / 9.0	2.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-09	RA: 22:44:49.0 Dec: 06:00:16.0	1.44	L	0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-10	RA: 22:52:47.0 Dec: 10:26:21.0	1.44	L	0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	

If checked then can be scheduled

Information

Friends
[Toney Minter](#)

Trimester
18A

Thesis?
No

Total Time (Hrs)
90.0

Time Billed (Hrs)
60.5

Complete?
No

Scheduling Alerts

Receiver(s)
Unavailable:

Upcoming Reservations



DSS Project Page

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File Edit View History Bookmarks Tools Help

GBT18A-314

https://dss.gb.nrao.edu/project/GBT18A-314

DYNAMIC SCHEDULING SYSTEM

Search

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GBT18A-314

Does The Smith Cloud Have A Debris Stream?

Project Sessions

Name	Coordinates	Freq	Rcvr	Time billed	Min/Max Dur.	Type	Gr	Enabled	Other Parameters
GBT18A-314-01	RA: 23:44:15.0 Dec: 17:45:05.0	1.44	L	9.0 / 9.0	0.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-02	RA: 00:30:19.0 Dec: 06:48:11.0	1.44	L	9.0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-03	RA: 00:29:03.0 Dec: 12:48:35.0	1.44	L	9.0 / 9.0	1.25 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-04	RA: 02:26:43.0 Dec: 02:48:40.0	1.44	L	7.75 / 9.0	0.5 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-05	RA: 22:33:26.0 Dec: -05:44:32.0	1.44	L	9.0 / 9.0	3.0 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-06	RA: 21:53:37.0 Dec: 03:45:44.0	1.44	L	7.75 / 9.0	1.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-07	RA: 22:31:56.0 Dec: 03:01:59.0	1.44	L	0.0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-08	RA: 21:54:26.0 Dec: 12:42:54.0	1.44	L	9.0 / 9.0	2.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-09	RA: 22:44:49.0 Dec: 06:00:16.0	1.44	L	0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-10	RA: 22:52:47.0 Dec: 10:26:21.0	1.44	L	0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	

Information

Friends
[Tony Minter](#)

Trimester
18A

Thesis?
No

Total Time (Hrs)
90.0

Time Billed (Hrs)
60.5

Complete?
No

Scheduling Alerts

Receiver(s)
Unavailable:

Upcoming Reservations

Other
parameters
that
control
scheduling



DSS Parameters

- Time between
 - Minimum wait time in hours between scheduled sessions
 - Default is zero
- Ξ
 - Allow for worse weather conditions to be considered
 - Default is 1.0
 - 1.1 or 1.2 commonly used
- LST exclusion/inclusion
 - Restrict the LST for scheduling the session
 - Default is no restriction



DSS Parameters

- Src Size
 - If extended source then can observe in higher winds
 - Default is zero
- TrErrThreshold
 - If can tolerate larger calibration errors then can observe in higher winds
 - Each receiver has default based on $<10\%$ error from winds
- Elevation limit
 - Observations must be above this limit
 - Each receiver has its own default



DSS Parameters

- Irradiance
 - Upward vs downward IR flux
 - Mostly temperature and some cloud cover
 - Only for continuum observing
- Solar Avoidance
 - Avoid being this many degrees from Sun
 - Default is zero



DSS Parameters

- Time of Day
 - Default is Anytime
 - Night (sunset to sunrise)
 - RFI night (roughly 10pm-6am local time)
 - Thermal night (3 hours after sunset to sunrise)
- Transit
 - Source must transit when scheduled
- Keyhole
 - At high elevations telescope can not move fast enough in Azimuth to keep up with source moving across sky
 - Avoid scheduling session if in keyhole



DSS Project Page

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File Edit View History Bookmarks Tools Help

GBT18A-314

https://dss.gb.nrao.edu/project/GBT18A-314

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GBT18A-314

Does The Smith Cloud Have A Debris Stream?

Project Sessions

Name	Coordinates	Freq	Rcvr	Time billed	Min/Max Dur.	Type	Gr	Enabled	Other Parameters
GBT18A-314-01	RA: 23:44:15.0 Dec: 17:45:05.0	1.44	L	9.0 / 9.0	0.75 - 3.0	spectral line	C	<input checked="" type="checkbox"/>	
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GBT18A-314-07	RA: 22:31:56.0 Dec: 03:01:59.0	1.44	L	0.0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-08	RA: 21:54:26.0 Dec: 12:42:54.0	1.44	L	9.0 / 9.0	2.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-09	RA: 22:44:49.0 Dec: 06:00:16.0	1.44	L	0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	
GBT18A-314-10	RA: 22:52:47.0 Dec: 10:26:21.0	1.44	L	0 / 9.0	3.0 - 9.0	spectral line	C	<input checked="" type="checkbox"/>	

Information

Friends
[Tony Minter](#)

Trimester
18A

Thesis?
No

Total Time (Hrs)
90.0

Time Billed (Hrs)
60.5

Complete?
No

Scheduling Alerts

Receiver(s)
Unavailable:

Upcoming Reservations

Now we
will scroll
down the
page



DSS Project Page

GBT18A-314 - Mozilla Firefox

File Edit View History Bookmarks Tools Help

GBT18A-314

https://dss.gb.nrao.edu/project/GBT18A-314

Dec 10:26:21.0

Project Calendar (UTC)

** Any days shaded in gray in the calendar indicate that the project cannot be scheduled on that day (click on day for details). **

observations, blackouts, reservations, windows, semester boundary

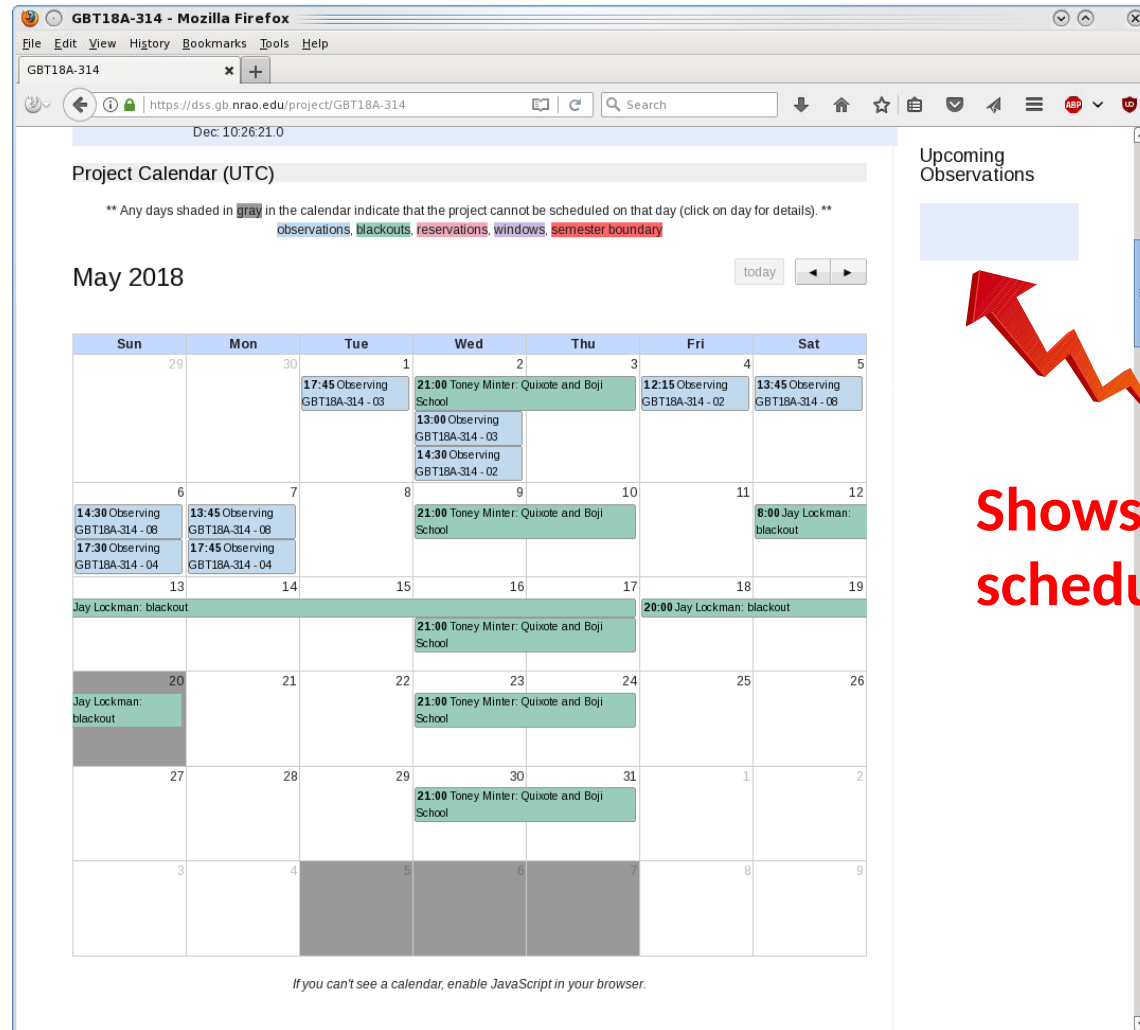
May 2018

today

Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30	1 17:45 Observing GBT18A-314 - 03	2 21:00 Toney Minter: Quixote and Boji School 13:00 Observing GBT18A-314 - 03 14:30 Observing GBT18A-314 - 02	3	4 12:15 Observing GBT18A-314 - 02	5 13:45 Observing GBT18A-314 - 06
6 14:30 Observing GBT18A-314 - 06 17:30 Observing GBT18A-314 - 04	7 13:45 Observing GBT18A-314 - 06 17:45 Observing GBT18A-314 - 04	8	9 21:00 Toney Minter: Quixote and Boji School	10	11	12 8:00 Jay Lockman: blackout
13 Jay Lockman: blackout	14	15	16 21:00 Toney Minter: Quixote and Boji School	17	18 20:00 Jay Lockman: blackout	19
20 Jay Lockman: blackout	21	22	23 21:00 Toney Minter: Quixote and Boji School	24	25	26
27	28	29	30 21:00 Toney Minter: Quixote and Boji School	31	1	2
3	4	5	6	7	8	9

If you can't see a calendar, enable JavaScript in your browser.

Upcoming Observations

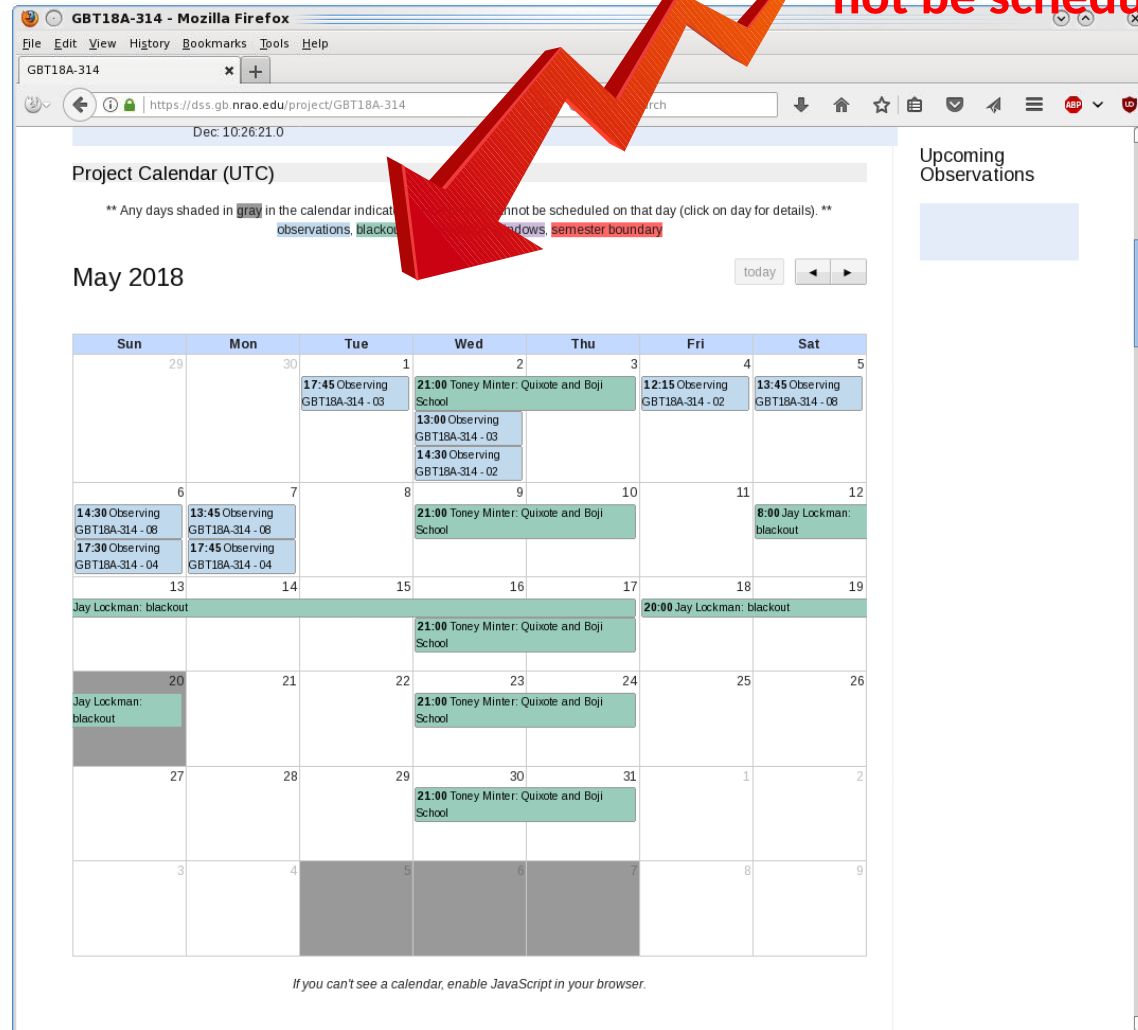


Shows upcoming
scheduled periods



DSS Project Page

A calendar showing
blackouts, scheduled sessions
and periods when project can
not be scheduled



DSS Project Page

Now we will scroll
down the page

Dec: 10:26:21.0

Project Calendar (UTC)

** Any days shaded in gray in the calendar indicate that the project cannot be scheduled on that day (click on day for details). **

observations, blackouts, reservations, windows, semester boundary

May 2018

Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30	1 17:45 Observing GBT18A-314 - 03	2 21:00 Toney Minter: Quixote and Boji School 13:00 Observing GBT18A-314 - 03 14:30 Observing GBT18A-314 - 02	3	4 12:15 Observing GBT18A-314 - 02	5 13:45 Observing GBT18A-314 - 06
6 14:30 Observing GBT18A-314 - 08 17:30 Observing GBT18A-314 - 04	7 13:45 Observing GBT18A-314 - 08 17:45 Observing GBT18A-314 - 04	8	9 21:00 Toney Minter: Quixote and Boji School	10	11	12 8:00 Jay Lockman: blackout
13 Jay Lockman: blackout	14	15	16 21:00 Toney Minter: Quixote and Boji School	17	18 20:00 Jay Lockman: blackout	19
20 Jay Lockman: blackout	21	22	23 21:00 Toney Minter: Quixote and Boji School	24	25	26
27	28	29	30 21:00 Toney Minter: Quixote and Boji School	31	1	2
3	4	5	6	7	8	9

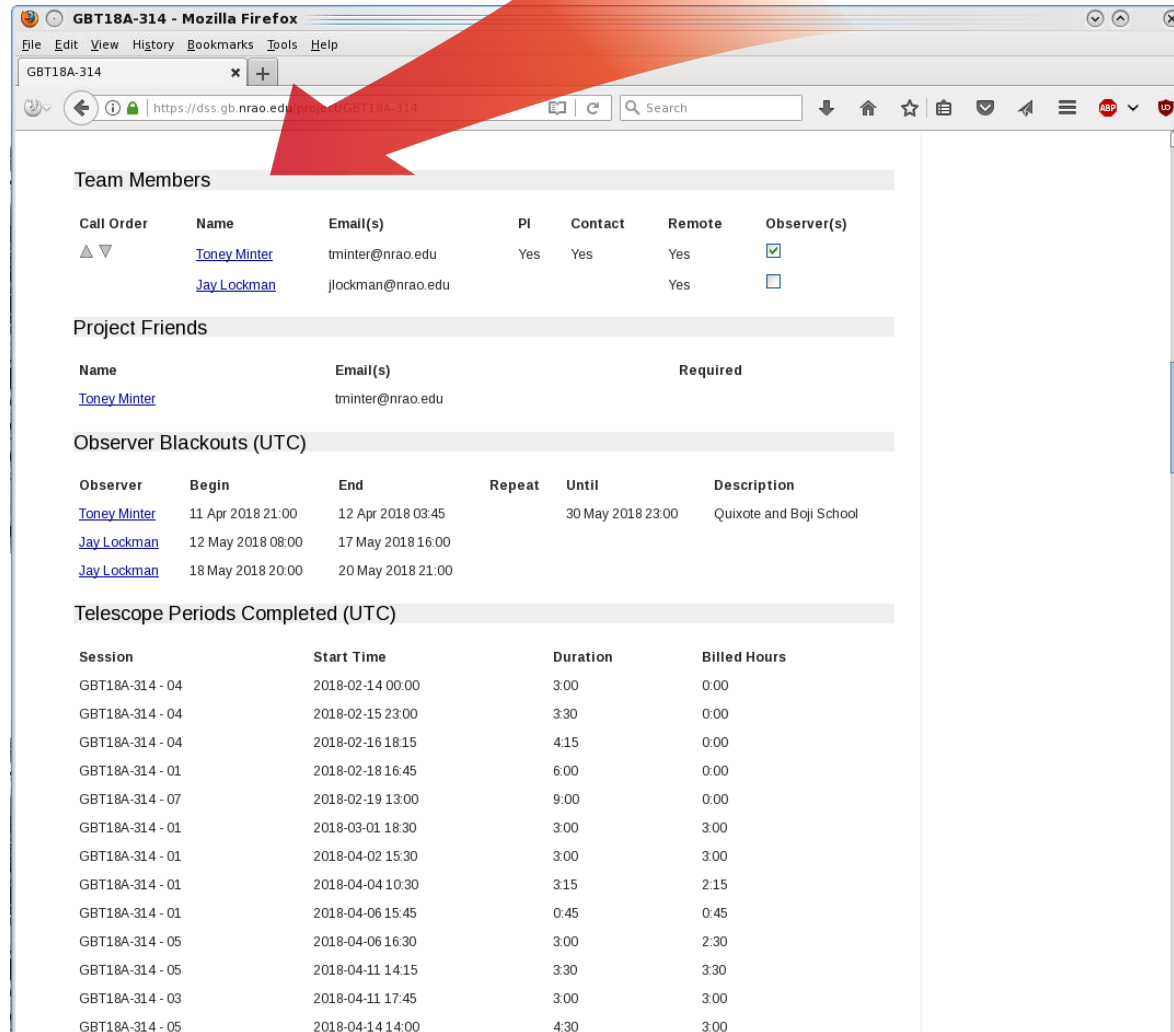
If you can't see a calendar, enable JavaScript in your browser.

Upcoming Observations



DSS Project Page

The members of
your project team



Team Members

Call Order	Name	Email(s)	PI	Contact	Remote	Observer(s)
▲ ▼	Toney Minter	tminter@nrao.edu	Yes	Yes	Yes	<input checked="" type="checkbox"/>
	Jay Lockman	jlockman@nrao.edu			Yes	<input type="checkbox"/>

Project Friends

Name	Email(s)	Required
Toney Minter	tminter@nrao.edu	

Observer Blackouts (UTC)

Observer	Begin	End	Repeat	Until	Description
Toney Minter	11 Apr 2018 21:00	12 Apr 2018 03:45		30 May 2018 23:00	Quixote and Boji School
Jay Lockman	12 May 2018 08:00	17 May 2018 16:00			
Jay Lockman	18 May 2018 20:00	20 May 2018 21:00			

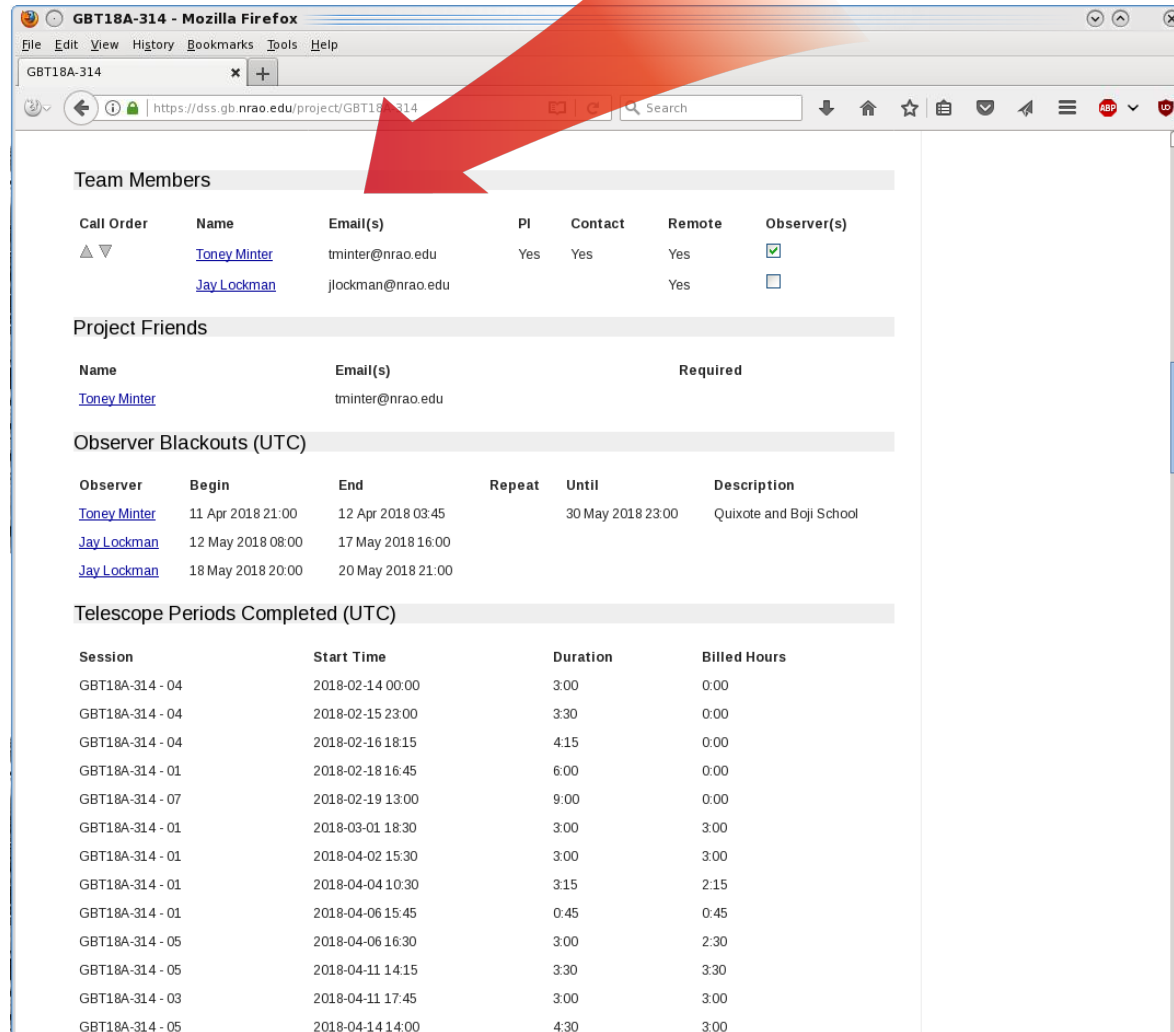
Telescope Periods Completed (UTC)

Session	Start Time	Duration	Billed Hours
GBT18A-314 - 04	2018-02-14 00:00	3:00	0:00
GBT18A-314 - 04	2018-02-15 23:00	3:30	0:00
GBT18A-314 - 04	2018-02-16 18:15	4:15	0:00
GBT18A-314 - 01	2018-02-18 16:45	6:00	0:00
GBT18A-314 - 07	2018-02-19 13:00	9:00	0:00
GBT18A-314 - 01	2018-03-01 18:30	3:00	3:00
GBT18A-314 - 01	2018-04-02 15:30	3:00	3:00
GBT18A-314 - 01	2018-04-04 10:30	3:15	2:15
GBT18A-314 - 01	2018-04-06 15:45	0:45	0:45
GBT18A-314 - 05	2018-04-06 16:30	3:00	2:30
GBT18A-314 - 05	2018-04-11 14:15	3:30	3:30
GBT18A-314 - 03	2018-04-11 17:45	3:00	3:00
GBT18A-314 - 05	2018-04-14 14:00	4:30	3:00



DSS Project Page

Emails of project
team members



GBT18A-314 - Mozilla Firefox

https://dss.gb.nrao.edu/project/GBT18A-314

Team Members

Call Order	Name	Email(s)	PI	Contact	Remote	Observer(s)
▲ ▼	Toney Minter	tminter@nrao.edu	Yes	Yes	Yes	<input checked="" type="checkbox"/>
	Jay Lockman	jlockman@nrao.edu			Yes	<input type="checkbox"/>

Project Friends

Name	Email(s)	Required
Toney Minter	tminter@nrao.edu	

Observer Blackouts (UTC)

Observer	Begin	End	Repeat	Until	Description
Toney Minter	11 Apr 2018 21:00	12 Apr 2018 03:45		30 May 2018 23:00	Quixote and Boji School
Jay Lockman	12 May 2018 08:00	17 May 2018 16:00			
Jay Lockman	18 May 2018 20:00	20 May 2018 21:00			

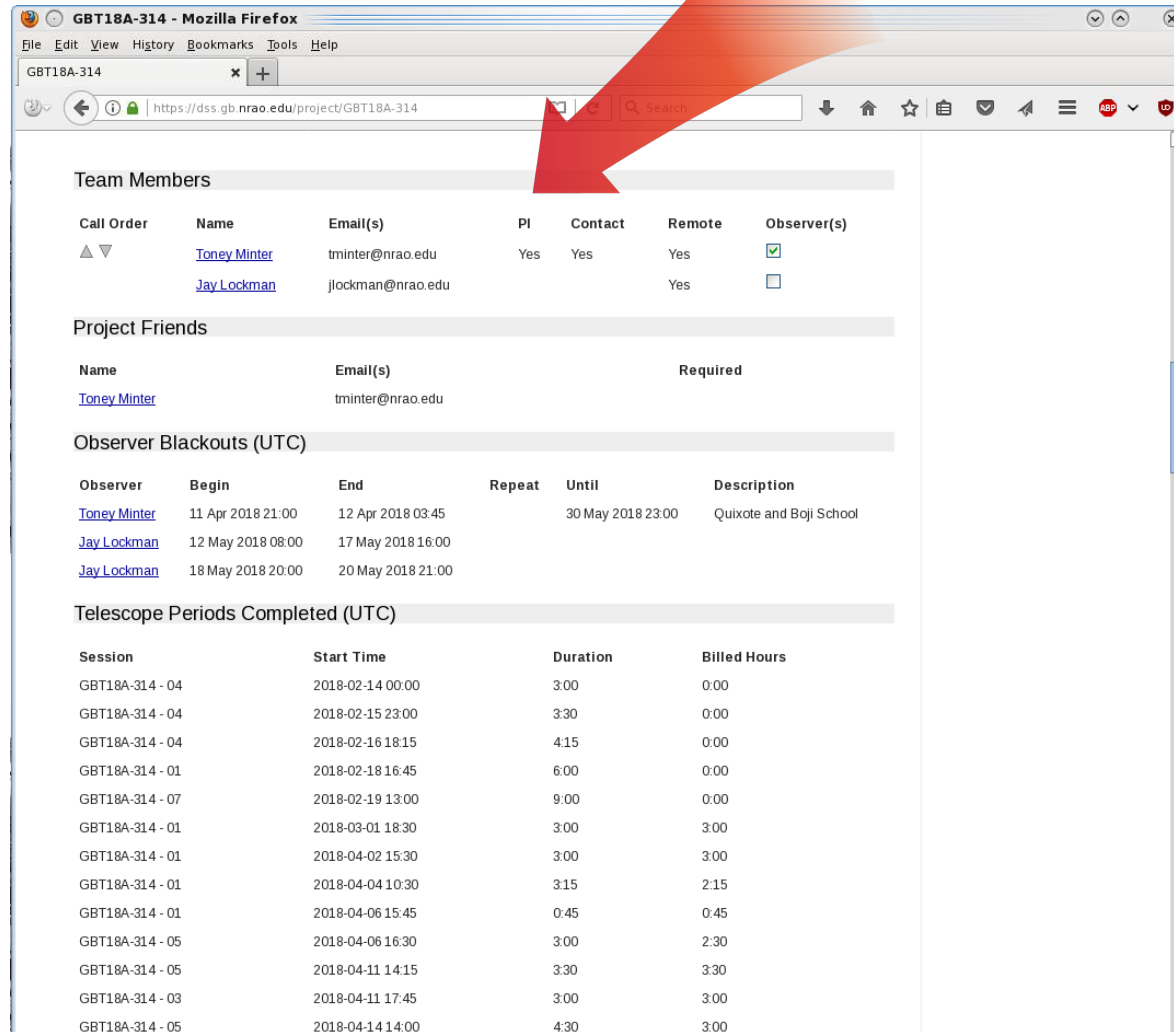
Telescope Periods Completed (UTC)

Session	Start Time	Duration	Billed Hours
GBT18A-314 - 04	2018-02-14 00:00	3:00	0:00
GBT18A-314 - 04	2018-02-15 23:00	3:30	0:00
GBT18A-314 - 04	2018-02-16 18:15	4:15	0:00
GBT18A-314 - 01	2018-02-18 16:45	6:00	0:00
GBT18A-314 - 07	2018-02-19 13:00	9:00	0:00
GBT18A-314 - 01	2018-03-01 18:30	3:00	3:00
GBT18A-314 - 01	2018-04-02 15:30	3:00	3:00
GBT18A-314 - 01	2018-04-04 10:30	3:15	2:15
GBT18A-314 - 01	2018-04-06 15:45	0:45	0:45
GBT18A-314 - 05	2018-04-06 16:30	3:00	2:30
GBT18A-314 - 05	2018-04-11 14:15	3:30	3:30
GBT18A-314 - 03	2018-04-11 17:45	3:00	3:00
GBT18A-314 - 05	2018-04-14 14:00	4:30	3:00



DSS Project Page

Which one is
the PI



The screenshot shows the DSS Project Page for GBT18A-314. The browser window is titled "GBT18A-314 - Mozilla Firefox" and the address bar shows "https://dss.gb.nrao.edu/project/GBT18A-314". The page content includes several sections:

- Team Members**: A table with columns: Call Order, Name, Email(s), PI, Contact, Remote, and Observer(s).

Call Order	Name	Email(s)	PI	Contact	Remote	Observer(s)
▲ ▼	Toney Minter	tminter@nrao.edu	Yes	Yes	Yes	<input checked="" type="checkbox"/>
	Jay Lockman	jlockman@nrao.edu			Yes	<input type="checkbox"/>
- Project Friends**: A table with columns: Name, Email(s), and Required.

Name	Email(s)	Required
Toney Minter	tminter@nrao.edu	
- Observer Blackouts (UTC)**: A table with columns: Observer, Begin, End, Repeat, Until, and Description.

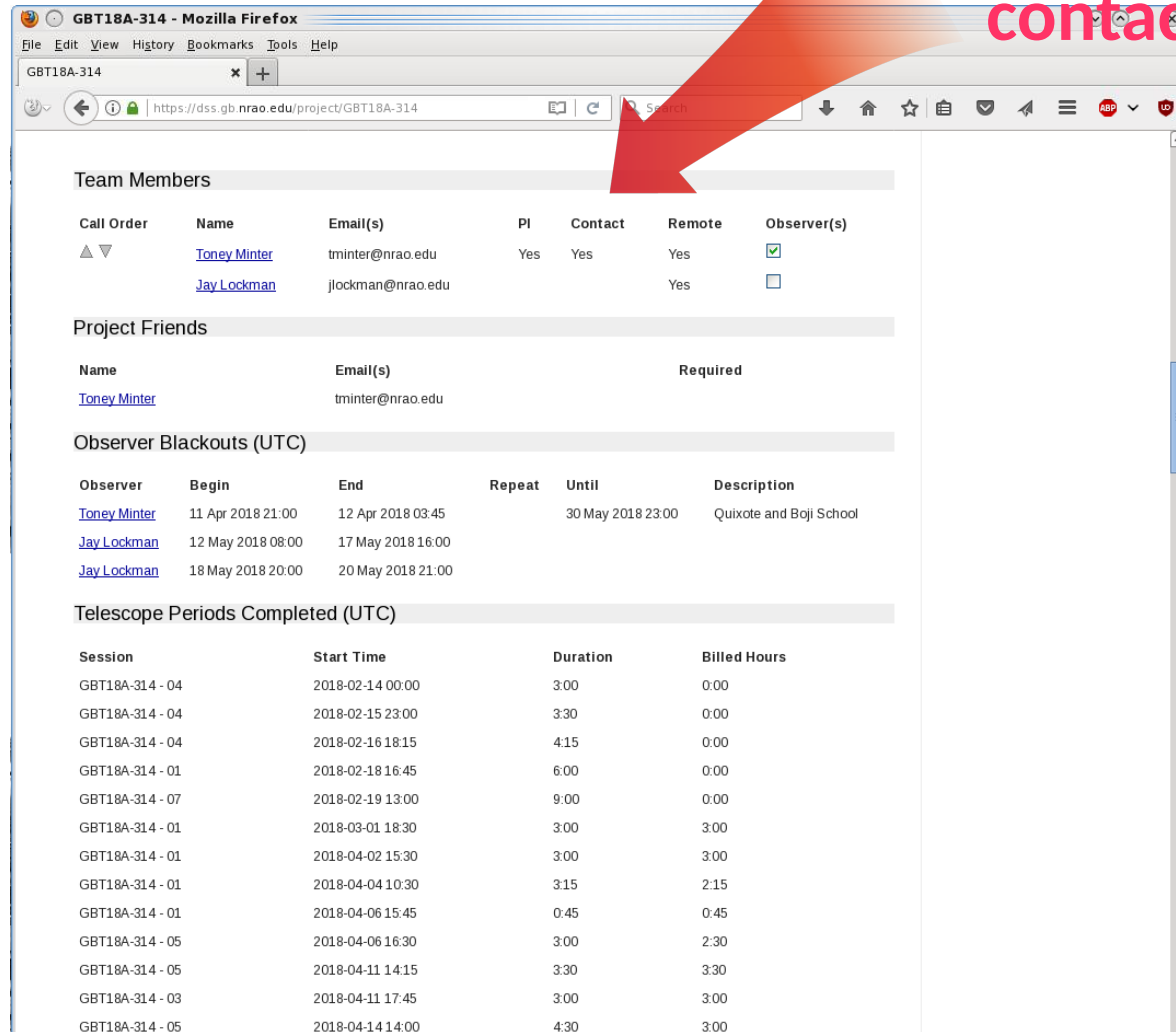
Observer	Begin	End	Repeat	Until	Description
Toney Minter	11 Apr 2018 21:00	12 Apr 2018 03:45		30 May 2018 23:00	Quixote and Boji School
Jay Lockman	12 May 2018 08:00	17 May 2018 16:00			
Jay Lockman	18 May 2018 20:00	20 May 2018 21:00			
- Telescope Periods Completed (UTC)**: A table with columns: Session, Start Time, Duration, and Billed Hours.

Session	Start Time	Duration	Billed Hours
GBT18A-314 - 04	2018-02-14 00:00	3:00	0:00
GBT18A-314 - 04	2018-02-15 23:00	3:30	0:00
GBT18A-314 - 04	2018-02-16 18:15	4:15	0:00
GBT18A-314 - 01	2018-02-18 16:45	6:00	0:00
GBT18A-314 - 07	2018-02-19 13:00	9:00	0:00
GBT18A-314 - 01	2018-03-01 18:30	3:00	3:00
GBT18A-314 - 01	2018-04-02 15:30	3:00	3:00
GBT18A-314 - 01	2018-04-04 10:30	3:15	2:15
GBT18A-314 - 01	2018-04-06 15:45	0:45	0:45
GBT18A-314 - 05	2018-04-06 16:30	3:00	2:30
GBT18A-314 - 05	2018-04-11 14:15	3:30	3:30
GBT18A-314 - 03	2018-04-11 17:45	3:00	3:00
GBT18A-314 - 05	2018-04-14 14:00	4:30	3:00



DSS Project Page

Who should
always be
contacted



GBT18A-314 - Mozilla Firefox

File Edit View History Bookmarks Tools Help

GBT18A-314

https://dss.gb.nrao.edu/project/GBT18A-314

Team Members

Call Order	Name	Email(s)	PI	Contact	Remote	Observer(s)
▲ ▼	Toney Minter	tminter@nrao.edu	Yes	Yes	Yes	<input checked="" type="checkbox"/>
	Jay Lockman	jlockman@nrao.edu			Yes	<input type="checkbox"/>

Project Friends

Name	Email(s)	Required
Toney Minter	tminter@nrao.edu	

Observer Blackouts (UTC)

Observer	Begin	End	Repeat	Until	Description
Toney Minter	11 Apr 2018 21:00	12 Apr 2018 03:45		30 May 2018 23:00	Quixote and Boji School
Jay Lockman	12 May 2018 08:00	17 May 2018 16:00			
Jay Lockman	18 May 2018 20:00	20 May 2018 21:00			

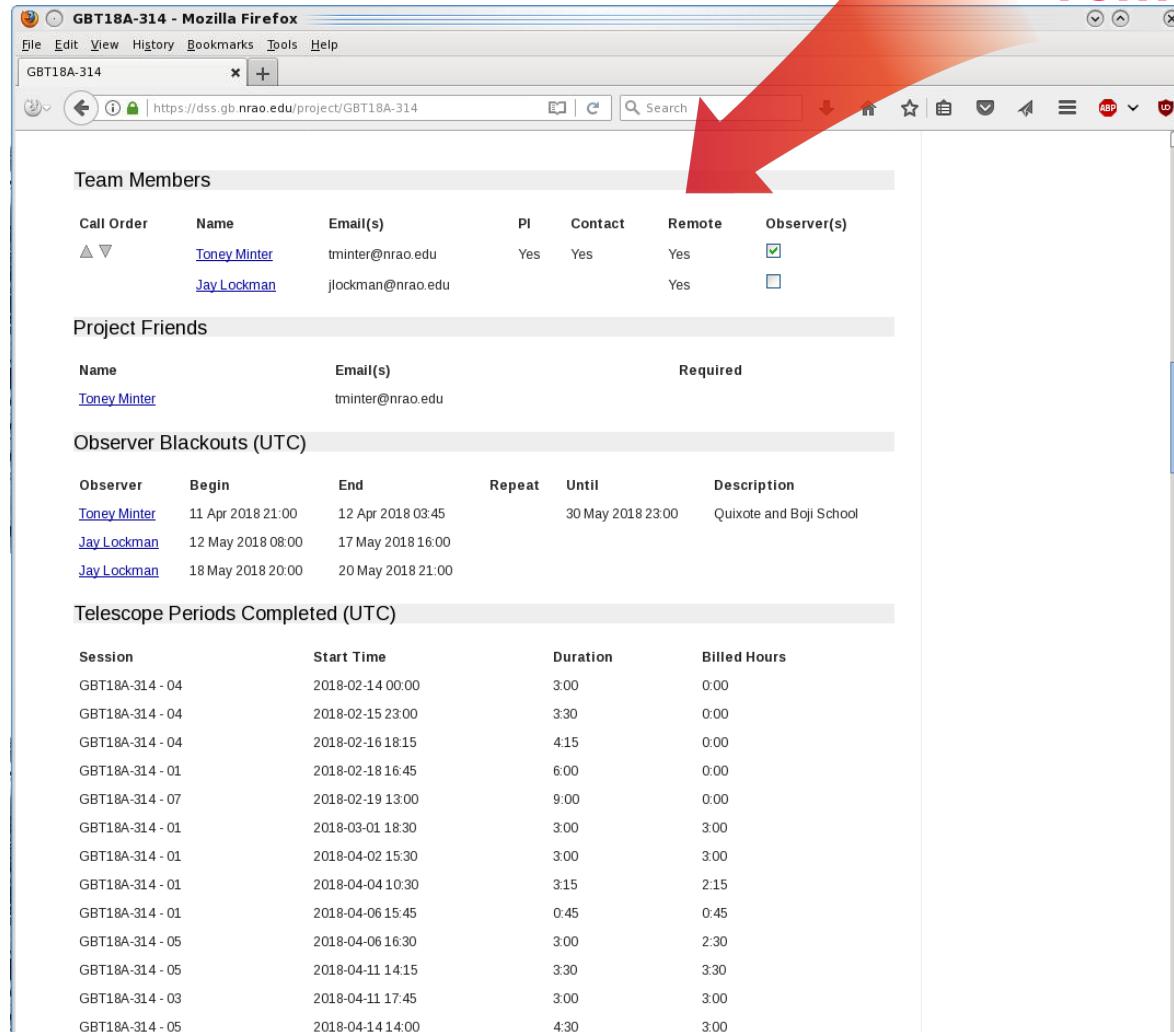
Telescope Periods Completed (UTC)

Session	Start Time	Duration	Billed Hours
GBT18A-314 - 04	2018-02-14 00:00	3:00	0:00
GBT18A-314 - 04	2018-02-15 23:00	3:30	0:00
GBT18A-314 - 04	2018-02-16 18:15	4:15	0:00
GBT18A-314 - 01	2018-02-18 16:45	6:00	0:00
GBT18A-314 - 07	2018-02-19 13:00	9:00	0:00
GBT18A-314 - 01	2018-03-01 18:30	3:00	3:00
GBT18A-314 - 01	2018-04-02 15:30	3:00	3:00
GBT18A-314 - 01	2018-04-04 10:30	3:15	2:15
GBT18A-314 - 01	2018-04-06 15:45	0:45	0:45
GBT18A-314 - 05	2018-04-06 16:30	3:00	2:30
GBT18A-314 - 05	2018-04-11 14:15	3:30	3:30
GBT18A-314 - 03	2018-04-11 17:45	3:00	3:00
GBT18A-314 - 05	2018-04-14 14:00	4:30	3:00



DSS Project Page

Are they allowed
to observe
remotely



GBT18A-314 - Mozilla Firefox

File Edit View History Bookmarks Tools Help

GBT18A-314

https://dss.gb.nrao.edu/project/GBT18A-314

Team Members

Call Order	Name	Email(s)	PI	Contact	Remote	Observer(s)
▲ ▼	Toney Minter	tminter@nrao.edu	Yes	Yes	Yes	<input checked="" type="checkbox"/>
	Jay Lockman	jlockman@nrao.edu			Yes	<input type="checkbox"/>

Project Friends

Name	Email(s)	Required
Toney Minter	tminter@nrao.edu	

Observer Blackouts (UTC)

Observer	Begin	End	Repeat	Until	Description
Toney Minter	11 Apr 2018 21:00	12 Apr 2018 03:45		30 May 2018 23:00	Quixote and Boji School
Jay Lockman	12 May 2018 08:00	17 May 2018 16:00			
Jay Lockman	18 May 2018 20:00	20 May 2018 21:00			

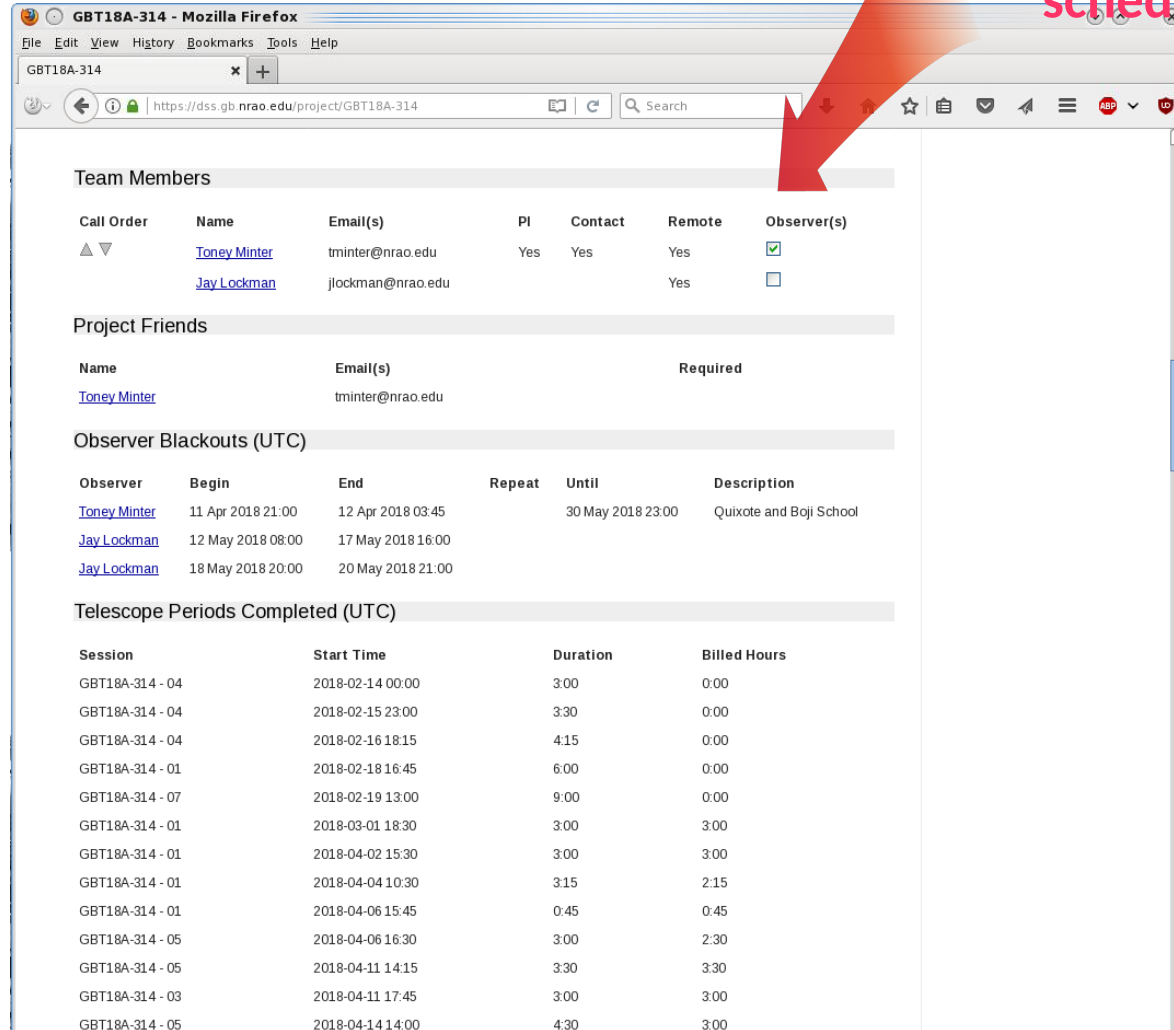
Telescope Periods Completed (UTC)

Session	Start Time	Duration	Billed Hours
GBT18A-314 - 04	2018-02-14 00:00	3:00	0:00
GBT18A-314 - 04	2018-02-15 23:00	3:30	0:00
GBT18A-314 - 04	2018-02-16 18:15	4:15	0:00
GBT18A-314 - 01	2018-02-18 16:45	6:00	0:00
GBT18A-314 - 07	2018-02-19 13:00	9:00	0:00
GBT18A-314 - 01	2018-03-01 18:30	3:00	3:00
GBT18A-314 - 01	2018-04-02 15:30	3:00	3:00
GBT18A-314 - 01	2018-04-04 10:30	3:15	2:15
GBT18A-314 - 01	2018-04-06 15:45	0:45	0:45
GBT18A-314 - 05	2018-04-06 16:30	3:00	2:30
GBT18A-314 - 05	2018-04-11 14:15	3:30	3:30
GBT18A-314 - 03	2018-04-11 17:45	3:00	3:00
GBT18A-314 - 05	2018-04-14 14:00	4:30	3:00



DSS Project Page

Must have at least one observer checked to be considered for scheduling



Team Members

Call Order	Name	Email(s)	PI	Contact	Remote	Observer(s)
▲ ▼	Toney Minter	tminter@nrao.edu	Yes	Yes	Yes	<input checked="" type="checkbox"/>
	Jay Lockman	jlockman@nrao.edu			Yes	<input type="checkbox"/>

Project Friends

Name	Email(s)	Required
Toney Minter	tminter@nrao.edu	

Observer Blackouts (UTC)

Observer	Begin	End	Repeat	Until	Description
Toney Minter	11 Apr 2018 21:00	12 Apr 2018 03:45		30 May 2018 23:00	Quixote and Boji School
Jay Lockman	12 May 2018 08:00	17 May 2018 16:00			
Jay Lockman	18 May 2018 20:00	20 May 2018 21:00			

Telescope Periods Completed (UTC)

Session	Start Time	Duration	Billed Hours
GBT18A-314 - 04	2018-02-14 00:00	3:00	0:00
GBT18A-314 - 04	2018-02-15 23:00	3:30	0:00
GBT18A-314 - 04	2018-02-16 18:15	4:15	0:00
GBT18A-314 - 01	2018-02-18 16:45	6:00	0:00
GBT18A-314 - 07	2018-02-19 13:00	9:00	0:00
GBT18A-314 - 01	2018-03-01 18:30	3:00	3:00
GBT18A-314 - 01	2018-04-02 15:30	3:00	3:00
GBT18A-314 - 01	2018-04-04 10:30	3:15	2:15
GBT18A-314 - 01	2018-04-06 15:45	0:45	0:45
GBT18A-314 - 05	2018-04-06 16:30	3:00	2:30
GBT18A-314 - 05	2018-04-11 14:15	3:30	3:30
GBT18A-314 - 03	2018-04-11 17:45	3:00	3:00
GBT18A-314 - 05	2018-04-14 14:00	4:30	3:00



DSS Project Page

GBT18A-314 - Mozilla Firefox

File Edit View History Bookmarks Tools Help

GBT18A-314

https://dss.gb.nrao.edu/project/GBT18A-314

Team Members Your project friend and how to contact your friend

Call Order	Name	Email(s)	PI	Contact	Remote	Observer(s)
▲ ▼			Yes	Yes	Yes	<input checked="" type="checkbox"/>
		jlockman@nrao.edu			Yes	<input type="checkbox"/>

Project Friends

Name	Email(s)	Required
Toney Minter	tminter@nrao.edu	

Observer Blackouts (UTC)

Observer	Begin	End	Repeat	Until	Description
Toney Minter	11 Apr 2018 21:00	12 Apr 2018 03:45		30 May 2018 23:00	Quixote and Boji School
Jay Lockman	12 May 2018 08:00	17 May 2018 16:00			
Jay Lockman	18 May 2018 20:00	20 May 2018 21:00			

Telescope Periods Completed (UTC)

Session	Start Time	Duration	Billed Hours
GBT18A-314 - 04	2018-02-14 00:00	3:00	0:00
GBT18A-314 - 04	2018-02-15 23:00	3:30	0:00
GBT18A-314 - 04	2018-02-16 18:15	4:15	0:00
GBT18A-314 - 01	2018-02-18 16:45	6:00	0:00
GBT18A-314 - 07	2018-02-19 13:00	9:00	0:00
GBT18A-314 - 01	2018-03-01 18:30	3:00	3:00
GBT18A-314 - 01	2018-04-02 15:30	3:00	3:00
GBT18A-314 - 01	2018-04-04 10:30	3:15	2:15
GBT18A-314 - 01	2018-04-06 15:45	0:45	0:45
GBT18A-314 - 05	2018-04-06 16:30	3:00	2:30
GBT18A-314 - 05	2018-04-11 14:15	3:30	3:30
GBT18A-314 - 03	2018-04-11 17:45	3:00	3:00
GBT18A-314 - 05	2018-04-14 14:00	4:30	3:00



DSS Project Page

GBT18A-314 - Mozilla Firefox

File Edit View History Bookmarks Tools Help

GBT18A-314

https://dss.gb.nrao.edu/project/GBT18A-314

If your friend must be present for the observations then you will see a check box here

Team Members

Call Order	Name	Email(s)	PI	Contact	Remote	Observer(s)
▲ ▼	Toney Minter	tminter@nrao.edu	Yes	Yes		<input checked="" type="checkbox"/>
	Jay Lockman	jlockman@nrao.edu				<input type="checkbox"/>

Project Friends

Name	Email(s)	Required
Toney Minter	tminter@nrao.edu	

Observer Blackouts (UTC)

Observer	Begin	End	Repeat	Until	Description
Toney Minter	11 Apr 2018 21:00	12 Apr 2018 03:45		30 May 2018 23:00	Quixote and Boji School
Jay Lockman	12 May 2018 08:00	17 May 2018 16:00			
Jay Lockman	18 May 2018 20:00	20 May 2018 21:00			


Telescope Periods Completed (UTC)

Session	Start Time	Duration	Billed Hours
GBT18A-314 - 04	2018-02-14 00:00	3:00	0:00
GBT18A-314 - 04	2018-02-15 23:00	3:30	0:00
GBT18A-314 - 04	2018-02-16 18:15	4:15	0:00
GBT18A-314 - 01	2018-02-18 16:45	6:00	0:00
GBT18A-314 - 07	2018-02-19 13:00	9:00	0:00
GBT18A-314 - 01	2018-03-01 18:30	3:00	3:00
GBT18A-314 - 01	2018-04-02 15:30	3:00	3:00
GBT18A-314 - 01	2018-04-04 10:30	3:15	2:15
GBT18A-314 - 01	2018-04-06 15:45	0:45	0:45
GBT18A-314 - 05	2018-04-06 16:30	3:00	2:30
GBT18A-314 - 05	2018-04-11 14:15	3:30	3:30
GBT18A-314 - 03	2018-04-11 17:45	3:00	3:00
GBT18A-314 - 05	2018-04-14 14:00	4:30	3:00



DSS Project Page

A list of all blackouts for each project team member



Team Members

Call Order	Name	Email(s)	PI	Contact	Remote	Observer(s)
▲ ▼	Toney Minter	tminter@	Yes	Yes	Yes	<input checked="" type="checkbox"/>
	Jay Lockman	jlockman@			Yes	<input type="checkbox"/>

Project Friends

Name	Email	Required
Toney Minter	tminter@	

Observer Blackouts (UTC)

Observer	Begin	End	Repeat	Until	Description
Toney Minter	11 Apr 2018 21:00	12 Apr 2018 03:45		30 May 2018 23:00	Quixote and Boji School
Jay Lockman	12 May 2018 08:00	17 May 2018 16:00			
Jay Lockman	18 May 2018 20:00	20 May 2018 21:00			

Telescope Periods Completed (UTC)

Session	Start Time	Duration	Billed Hours
GBT18A-314 - 04	2018-02-14 00:00	3:00	0:00
GBT18A-314 - 04	2018-02-15 23:00	3:30	0:00
GBT18A-314 - 04	2018-02-16 18:15	4:15	0:00
GBT18A-314 - 01	2018-02-18 16:45	6:00	0:00
GBT18A-314 - 07	2018-02-19 13:00	9:00	0:00
GBT18A-314 - 01	2018-03-01 18:30	3:00	3:00
GBT18A-314 - 01	2018-04-02 15:30	3:00	3:00
GBT18A-314 - 01	2018-04-04 10:30	3:15	2:15
GBT18A-314 - 01	2018-04-06 15:45	0:45	0:45
GBT18A-314 - 05	2018-04-06 16:30	3:00	2:30
GBT18A-314 - 05	2018-04-11 14:15	3:30	3:30
GBT18A-314 - 03	2018-04-11 17:45	3:00	3:00
GBT18A-314 - 05	2018-04-14 14:00	4:30	3:00



DSS Project Page

We can “turn on” blackouts for the entire project team



Observer Blackouts (UTC)

Observer	Begin	End	Repeat	Until	Description
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Project Blackouts (UTC)

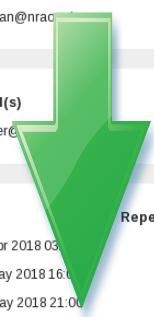
Begin	End	Repeat	Until	Description
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[add](#)



DSS Project Page

A list of all observing periods that have been completed



Team Members

Call Order	Name	Email(s)	Contact	Remote	Observer(s)
▲ ▼	Toney Minter	tminter@nrao.edu	Yes	Yes	<input checked="" type="checkbox"/>
	Jay Lockman	jlockman@nrao.edu		Yes	<input type="checkbox"/>

Project Friends

Name	Email(s)	Required
Toney Minter	tminter@nrao.edu	

Observer Blackouts (UTC)

Observer	Begin	End	Repeat	Until	Description
Toney Minter	11 Apr 2018 21:00	12 Apr 2018 03:00		30 May 2018 23:00	Quixote and Boji School
Jay Lockman	12 May 2018 08:00	17 May 2018 16:00			
Jay Lockman	18 May 2018 20:00	20 May 2018 21:00			

Telescope Periods Completed (UTC)

Session	Start Time	Duration	Billed Hours
GBT18A-314 - 04	2018-02-14 00:00	3:00	0:00
GBT18A-314 - 04	2018-02-15 23:00	3:30	0:00
GBT18A-314 - 04	2018-02-16 18:15	4:15	0:00
GBT18A-314 - 01	2018-02-18 16:45	6:00	0:00
GBT18A-314 - 07	2018-02-19 13:00	9:00	0:00
GBT18A-314 - 01	2018-03-01 18:30	3:00	3:00
GBT18A-314 - 01	2018-04-02 15:30	3:00	3:00
GBT18A-314 - 01	2018-04-04 10:30	3:15	2:15
GBT18A-314 - 01	2018-04-06 15:45	0:45	0:45
GBT18A-314 - 05	2018-04-06 16:30	3:00	2:30
GBT18A-314 - 05	2018-04-11 14:15	3:30	3:30
GBT18A-314 - 03	2018-04-11 17:45	3:00	3:00
GBT18A-314 - 05	2018-04-14 14:00	4:30	3:00



DSS Project Page

Scheduled time and “charged” time are shown in these two columns

Team Members

Call Order	Name	Email	P	C	R	O	S
▲ ▼	Toney Minter	tminter@nrao.edu	Yes	Yes	Yes	<input checked="" type="checkbox"/>	
	Jay Lockman	jlockman@nrao.edu			Yes	<input type="checkbox"/>	

Project Friends

Name	Email(s)	R
Toney Minter	tminter@nrao.edu	

Observer Blackouts (UTC)

Observer	Begin	End	Rep	Location
Toney Minter	11 Apr 2018 21:00	12 Apr 2018 03:45		
Jay Lockman	12 May 2018 08:00	17 May 2018 16:00		
Jay Lockman	18 May 2018 20:00	20 May 2018 21:00		

Telescope Periods Completed (UTC)

Session	Start Time	Duration	Billed Hours
GBT18A-314 - 04	2018-02-14 00:00	3:00	0:00
GBT18A-314 - 04	2018-02-15 23:00	3:30	0:00
GBT18A-314 - 04	2018-02-16 18:15	4:15	0:00
GBT18A-314 - 01	2018-02-18 16:45	6:00	0:00
GBT18A-314 - 07	2018-02-19 13:00	9:00	0:00
GBT18A-314 - 01	2018-03-01 18:30	3:00	3:00
GBT18A-314 - 01	2018-04-02 15:30	3:00	3:00
GBT18A-314 - 01	2018-04-04 10:30	3:15	2:15
GBT18A-314 - 01	2018-04-06 15:45	0:45	0:45
GBT18A-314 - 05	2018-04-06 16:30	3:00	2:30
GBT18A-314 - 05	2018-04-11 14:15	3:30	3:30
GBT18A-314 - 03	2018-04-11 17:45	3:00	3:00
GBT18A-314 - 05	2018-04-14 14:00	4:30	3:00



DSS Project Page

Now we scroll further down the page

Team Members

Call Order	Name	Email(s)	PI	Contact	Remote	Observer(s)
▲ ▼	Toney Minter	tminter@nrao.edu	Yes	Yes	Yes	<input checked="" type="checkbox"/>
	Jay Lockman	jlockman@nrao.edu			Yes	<input type="checkbox"/>

Project Friends

Name	Email(s)	Required
Toney Minter	tminter@nrao.edu	

Observer Blackouts (UTC)

Observer	Begin	End	Repeat	Until	Description
Toney Minter	11 Apr 2018 21:00	12 Apr 2018 03:45		30 May 2018 23:00	Quixote and Boji School
Jay Lockman	12 May 2018 08:00	17 May 2018 16:00			
Jay Lockman	18 May 2018 20:00	20 May 2018 21:00			

Telescope Periods Completed (UTC)

Session	Start Time	Duration	Billed Hours
GBT18A-314 - 04	2018-02-14 00:00	3:00	0:00
GBT18A-314 - 04	2018-02-15 23:00	3:30	0:00
GBT18A-314 - 04	2018-02-16 18:15	4:15	0:00
GBT18A-314 - 01	2018-02-18 16:45	6:00	0:00
GBT18A-314 - 07	2018-02-19 13:00	9:00	0:00
GBT18A-314 - 01	2018-03-01 18:30	3:00	3:00
GBT18A-314 - 01	2018-04-02 15:30	3:00	3:00
GBT18A-314 - 01	2018-04-04 10:30	3:15	2:15
GBT18A-314 - 01	2018-04-06 15:45	0:45	0:45
GBT18A-314 - 05	2018-04-06 16:30	3:00	2:30
GBT18A-314 - 05	2018-04-11 14:15	3:30	3:30
GBT18A-314 - 03	2018-04-11 17:45	3:00	3:00
GBT18A-314 - 05	2018-04-14 14:00	4:30	3:00



DSS Project Page

For monitoring projects
with observing windows

Upcoming Windows


Session	Window Start Date	Window Last Date	Time (Hrs)	Billed (Hrs)	Complete?
GBT18A-996 - 11	June 9, 2018	June 11, 2018	1.0	0.0	
GBT18A-996 - 11	June 14, 2018	June 16, 2018	1.0	0.0	
GBT18A-996 - 11	June 23, 2018	June 25, 2018	1.0	0.0	
GBT18A-996 - 05	June 25, 2018	July 1, 2018	3.0	0.0	
GBT18A-996 - 07	June 25, 2018	July 1, 2018	4.5	0.0	
GBT18A-996 - 01	June 25, 2018	July 1, 2018	5.5	0.0	
GBT18A-996 - 06	June 26, 2018	July 2, 2018	3.0	0.0	
GBT18A-996 - 09	June 26, 2018	July 2, 2018	5.5	0.0	
GBT18A-996 - 08	June 26, 2018	July 2, 2018	4.5	0.0	
GBT18A-996 - 02	June 26, 2018	July 2, 2018	5.5	0.0	
GBT18A-996 - 10	June 27, 2018	July 3, 2018	5.5	0.0	
GBT18A-996 - 04	June 28, 2018	July 4, 2018	2.5	0.0	
GBT18A-996 - 03	June 28, 2018	July 4, 2018	2.5	0.0	
GBT18A-996 - 11	July 7, 2018	July 9, 2018	1.0	0.0	
GBT18A-996 - 11	July 14, 2018	July 16, 2018	1.0	0.0	
GBT18A-996 - 11	July 21, 2018	July 23, 2018	1.0	0.0	
GBT18A-996 - 11	July 27, 2018	July 29, 2018	1.0	0.0	



DSS Project Page

The session that the window is for

Upcoming Windows




Session	Window Start Date	Window Last Date	Time (Hrs)	Billed (Hrs)	Complete?
GBT18A-996 - 11	June 9, 2018	June 11, 2018	1.0	0.0	
GBT18A-996 - 11	June 14, 2018	June 16, 2018	1.0	0.0	
GBT18A-996 - 11	June 23, 2018	June 25, 2018	1.0	0.0	
GBT18A-996 - 05	June 25, 2018	July 1, 2018	3.0	0.0	
GBT18A-996 - 07	June 25, 2018	July 1, 2018	4.5	0.0	
GBT18A-996 - 01	June 25, 2018	July 1, 2018	5.5	0.0	
GBT18A-996 - 06	June 26, 2018	July 2, 2018	3.0	0.0	
GBT18A-996 - 09	June 26, 2018	July 2, 2018	5.5	0.0	
GBT18A-996 - 08	June 26, 2018	July 2, 2018	4.5	0.0	
GBT18A-996 - 02	June 26, 2018	July 2, 2018	5.5	0.0	
GBT18A-996 - 10	June 27, 2018	July 3, 2018	5.5	0.0	
GBT18A-996 - 04	June 28, 2018	July 4, 2018	2.5	0.0	
GBT18A-996 - 03	June 28, 2018	July 4, 2018	2.5	0.0	
GBT18A-996 - 11	July 7, 2018	July 9, 2018	1.0	0.0	
GBT18A-996 - 11	July 14, 2018	July 16, 2018	1.0	0.0	
GBT18A-996 - 11	July 21, 2018	July 23, 2018	1.0	0.0	
GBT18A-996 - 11	July 27, 2018	July 29, 2018	1.0	0.0	



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The start date for the window

Upcoming Windows




Session	Window Start Date	Window Last Date	Time (Hrs)	Billed (Hrs)	Complete?
GBT18A-996 - 11	June 9, 2018	June 11, 2018	1.0	0.0	
GBT18A-996 - 11	June 14, 2018	June 16, 2018	1.0	0.0	
GBT18A-996 - 11	June 23, 2018	June 25, 2018	1.0	0.0	
GBT18A-996 - 05	June 25, 2018	July 1, 2018	3.0	0.0	
GBT18A-996 - 07	June 25, 2018	July 1, 2018	4.5	0.0	
GBT18A-996 - 01	June 25, 2018	July 1, 2018	5.5	0.0	
GBT18A-996 - 06	June 26, 2018	July 2, 2018	3.0	0.0	
GBT18A-996 - 09	June 26, 2018	July 2, 2018	5.5	0.0	
GBT18A-996 - 08	June 26, 2018	July 2, 2018	4.5	0.0	
GBT18A-996 - 02	June 26, 2018	July 2, 2018	5.5	0.0	
GBT18A-996 - 10	June 27, 2018	July 3, 2018	5.5	0.0	
GBT18A-996 - 04	June 28, 2018	July 4, 2018	2.5	0.0	
GBT18A-996 - 03	June 28, 2018	July 4, 2018	2.5	0.0	
GBT18A-996 - 11	July 7, 2018	July 9, 2018	1.0	0.0	
GBT18A-996 - 11	July 14, 2018	July 16, 2018	1.0	0.0	
GBT18A-996 - 11	July 21, 2018	July 23, 2018	1.0	0.0	
GBT18A-996 - 11	July 27, 2018	July 29, 2018	1.0	0.0	



DSS Project Page

The end date for the window

Upcoming Windows



Session	Window Start Date	Window Last Date	Time (Hrs)	Billed (Hrs)	Complete?
GBT18A-996 - 11	June 9, 2018	June 11, 2018	1.0	0.0	
GBT18A-996 - 11	June 14, 2018	June 16, 2018	1.0	0.0	
GBT18A-996 - 11	June 23, 2018	June 25, 2018	1.0	0.0	
GBT18A-996 - 05	June 25, 2018	July 1, 2018	3.0	0.0	
GBT18A-996 - 07	June 25, 2018	July 1, 2018	4.5	0.0	
GBT18A-996 - 01	June 25, 2018	July 1, 2018	5.5	0.0	
GBT18A-996 - 06	June 26, 2018	July 2, 2018	3.0	0.0	
GBT18A-996 - 09	June 26, 2018	July 2, 2018	5.5	0.0	
GBT18A-996 - 08	June 26, 2018	July 2, 2018	4.5	0.0	
GBT18A-996 - 02	June 26, 2018	July 2, 2018	5.5	0.0	
GBT18A-996 - 10	June 27, 2018	July 3, 2018	5.5	0.0	
GBT18A-996 - 04	June 28, 2018	July 4, 2018	2.5	0.0	
GBT18A-996 - 03	June 28, 2018	July 4, 2018	2.5	0.0	
GBT18A-996 - 11	July 7, 2018	July 9, 2018	1.0	0.0	
GBT18A-996 - 11	July 14, 2018	July 16, 2018	1.0	0.0	
GBT18A-996 - 11	July 21, 2018	July 23, 2018	1.0	0.0	
GBT18A-996 - 11	July 27, 2018	July 29, 2018	1.0	0.0	



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The length of the
observing session

Upcoming Windows


Session	Window Start Date	Window Last Date	Time (Hrs)	Billed (Hrs)	Complete?
GBT18A-996 - 11	June 9, 2018	June 11, 2018	1.0	0.0	
GBT18A-996 - 11	June 14, 2018	June 16, 2018	1.0	0.0	
GBT18A-996 - 11	June 23, 2018	June 25, 2018	1.0	0.0	
GBT18A-996 - 05	June 25, 2018	July 1, 2018	3.0	0.0	
GBT18A-996 - 07	June 25, 2018	July 1, 2018	4.5	0.0	
GBT18A-996 - 01	June 25, 2018	July 1, 2018	5.5	0.0	
GBT18A-996 - 06	June 26, 2018	July 2, 2018	3.0	0.0	
GBT18A-996 - 09	June 26, 2018	July 2, 2018	5.5	0.0	
GBT18A-996 - 08	June 26, 2018	July 2, 2018	4.5	0.0	
GBT18A-996 - 02	June 26, 2018	July 2, 2018	5.5	0.0	
GBT18A-996 - 10	June 27, 2018	July 3, 2018	5.5	0.0	
GBT18A-996 - 04	June 28, 2018	July 4, 2018	2.5	0.0	
GBT18A-996 - 03	June 28, 2018	July 4, 2018	2.5	0.0	
GBT18A-996 - 11	July 7, 2018	July 9, 2018	1.0	0.0	
GBT18A-996 - 11	July 14, 2018	July 16, 2018	1.0	0.0	
GBT18A-996 - 11	July 21, 2018	July 23, 2018	1.0	0.0	
GBT18A-996 - 11	July 27, 2018	July 29, 2018	1.0	0.0	



DSS Project Page

The time billed

Upcoming Windows



Session	Window Start Date	Window Last Date	Time (Hrs)	Billed (Hrs)	Complete?
GBT18A-996 - 11	June 9, 2018	June 11, 2018	1.0	0.0	
GBT18A-996 - 11	June 14, 2018	June 16, 2018	1.0	0.0	
GBT18A-996 - 11	June 23, 2018	June 25, 2018	1.0	0.0	
GBT18A-996 - 05	June 25, 2018	July 1, 2018	3.0	0.0	
GBT18A-996 - 07	June 25, 2018	July 1, 2018	4.5	0.0	
GBT18A-996 - 01	June 25, 2018	July 1, 2018	5.5	0.0	
GBT18A-996 - 06	June 26, 2018	July 2, 2018	3.0	0.0	
GBT18A-996 - 09	June 26, 2018	July 2, 2018	5.5	0.0	
GBT18A-996 - 08	June 26, 2018	July 2, 2018	4.5	0.0	
GBT18A-996 - 02	June 26, 2018	July 2, 2018	5.5	0.0	
GBT18A-996 - 10	June 27, 2018	July 3, 2018	5.5	0.0	
GBT18A-996 - 04	June 28, 2018	July 4, 2018	2.5	0.0	
GBT18A-996 - 03	June 28, 2018	July 4, 2018	2.5	0.0	
GBT18A-996 - 11	July 7, 2018	July 9, 2018	1.0	0.0	
GBT18A-996 - 11	July 14, 2018	July 16, 2018	1.0	0.0	
GBT18A-996 - 11	July 21, 2018	July 23, 2018	1.0	0.0	
GBT18A-996 - 11	July 27, 2018	July 29, 2018	1.0	0.0	



DSS Project Page

Have the observations
been completed

Upcoming Windows

Session	Window Start Date	Window Last Date	Time (Hrs)	Billed (Hrs)	Complete?
GBT18A-996 - 11	June 9, 2018	June 11, 2018	1.0	0.0	
GBT18A-996 - 11	June 14, 2018	June 16, 2018	1.0	0.0	
GBT18A-996 - 11	June 23, 2018	June 25, 2018	1.0	0.0	
GBT18A-996 - 05	June 25, 2018	July 1, 2018	3.0	0.0	
GBT18A-996 - 07	June 25, 2018	July 1, 2018	4.5	0.0	
GBT18A-996 - 01	June 25, 2018	July 1, 2018	5.5	0.0	
GBT18A-996 - 06	June 26, 2018	July 2, 2018	3.0	0.0	
GBT18A-996 - 09	June 26, 2018	July 2, 2018	5.5	0.0	
GBT18A-996 - 08	June 26, 2018	July 2, 2018	4.5	0.0	
GBT18A-996 - 02	June 26, 2018	July 2, 2018	5.5	0.0	
GBT18A-996 - 10	June 27, 2018	July 3, 2018	5.5	0.0	
GBT18A-996 - 04	June 28, 2018	July 4, 2018	2.5	0.0	
GBT18A-996 - 03	June 28, 2018	July 4, 2018	2.5	0.0	
GBT18A-996 - 11	July 7, 2018	July 9, 2018	1.0	0.0	
GBT18A-996 - 11	July 14, 2018	July 16, 2018	1.0	0.0	
GBT18A-996 - 11	July 21, 2018	July 23, 2018	1.0	0.0	
GBT18A-996 - 11	July 27, 2018	July 29, 2018	1.0	0.0	



DSS Project Page

Now we scroll further down the page

Team Members

Call Order	Name	Email(s)	PI	Contact	Remote	Observer(s)
▲ ▼	Toney Minter	tminter@nrao.edu	Yes	Yes	Yes	<input checked="" type="checkbox"/>
	Jay Lockman	jlockman@nrao.edu			Yes	<input type="checkbox"/>

Project Friends

Name	Email(s)	Required
Toney Minter	tminter@nrao.edu	

Observer Blackouts (UTC)

Observer	Begin	End	Repeat	Until	Description
Toney Minter	11 Apr 2018 21:00	12 Apr 2018 03:45		30 May 2018 23:00	Quixote and Boji School
Jay Lockman	12 May 2018 08:00	17 May 2018 16:00			
Jay Lockman	18 May 2018 20:00	20 May 2018 21:00			

Telescope Periods Completed (UTC)

Session	Start Time	Duration	Billed Hours
GBT18A-314 - 04	2018-02-14 00:00	3:00	0:00
GBT18A-314 - 04	2018-02-15 23:00	3:30	0:00
GBT18A-314 - 04	2018-02-16 18:15	4:15	0:00
GBT18A-314 - 01	2018-02-18 16:45	6:00	0:00
GBT18A-314 - 07	2018-02-19 13:00	9:00	0:00
GBT18A-314 - 01	2018-03-01 18:30	3:00	3:00
GBT18A-314 - 01	2018-04-02 15:30	3:00	3:00
GBT18A-314 - 01	2018-04-04 10:30	3:15	2:15
GBT18A-314 - 01	2018-04-06 15:45	0:45	0:45
GBT18A-314 - 05	2018-04-06 16:30	3:00	2:30
GBT18A-314 - 05	2018-04-11 14:15	3:30	3:30
GBT18A-314 - 03	2018-04-11 17:45	3:00	3:00
GBT18A-314 - 05	2018-04-14 14:00	4:30	3:00



DSS Project Page

GBT18A-314 - Mozilla Firefox

File Edit View History Bookmarks Tools Help

GBT18A-314

https://dss.gb.nrao.edu/project/GBT18A-314

GBT18A-314 - 05	2018-05-02 13:00	1:30	1:15
GBT18A-314 - 02	2018-05-02 14:30	1:45	1:45
GBT18A-314 - 02	2018-05-04 12:15	7:15	7:15
GBT18A-314 - 08	2018-05-05 13:45	3:45	3:30
GBT18A-314 - 08	2018-05-06 14:30	3:00	2:45
GBT18A-314 - 04	2018-05-06 17:30	4:15	4:15
GBT18A-314 - 08	2018-05-07 13:45	4:00	2:45
GBT18A-314 - 04	2018-05-07 17:45	4:00	3:30

Project Notes ([edit](#))

Scheduler's Notes ([edit](#))

Project Abstract

The origin of the Smith Cloud remains unknown. Determining an accurate orbit for the Smith Cloud could provide evidence of its origin. Finding a debris stream of HI clouds trailing the Smith Cloud could provide for a better orbit determination and a better understanding of how the Smith Cloud is interacting with the galactic halo.

Project Disposition

=====

Proposal ID: GBT18A-314

Proposal Title: Does The Smith Cloud Have A Debris Stream?

Proposal Type: Regular

Proposal Authors: Felix Lockman and Anthony Minter

Science Review Panel(SRP): Extragalactic Structure

Linear Ranked Score: 7.5

Project Friend: Toney Minter

Time Allocation Summary [see below for explanation of groups]:

=====

Notes about and for scheduling (rarely used)



DSS Project Page

GBT18A-314 - Mozilla Firefox

File Edit View History Bookmarks Tools Help

GBT18A-314

https://dss.gb.nrao.edu/project/GBT18A-314

GBT18A-314 - 05	2018-05-02 13:00	1:30	1:15
GBT18A-314 - 02	2018-05-02 14:30	1:45	1:45
GBT18A-314 - 02	2018-05-04 12:15	7:15	7:15
GBT18A-314 - 08	2018-05-05 13:45	3:45	3:30
GBT18A-314 - 08	2018-05-06 14:30	3:00	2:45
GBT18A-314 - 04	2018-05-06 17:30	4:15	4:15
GBT18A-314 - 08	2018-05-07 13:45	4:00	2:45
GBT18A-314 - 04	2018-05-07 17:45	4:00	3:30

Project Notes ([edit](#))

Scheduler's Notes ([edit](#))

Project Abstract

The origin of the Smith Cloud remains unknown. Determining an accurate orbit for the Smith Cloud could provide evidence of its origin. Finding a debris stream of HI clouds trailing the Smith Cloud could provide for a better orbit determination and a better understanding of how the Smith Cloud is interacting with the galactic halo.

Project Disposition

Proposal ID: GBT18A-314

Proposal Title: Does The Smith Cloud Have A Debris Stream?

Proposal Type: Regular

Proposal Authors: Felix Lockman and Anthony Minter

Science Review Panel(SRP): Extragalactic Structure

Linear Ranked Score: 7.5

Project Friend: Toney Minter

Time Allocation Summary [see below for explanation of groups]:

The abstract from the proposal and the disposition of the proposal are shown here



Making changes to DSS parameters

- We are happy to help make the appropriate changes to parameters in the DSS
- You can also request to add a new person to the project team list
- Just send an email to your project friend and Toney Minter







GREEN BANK OBSERVATORY

greenbankobservatory.org

*The Green Bank Observatory is a facility of the National Science
Foundation
operated under cooperative agreement by Associated Universities,
Inc.*