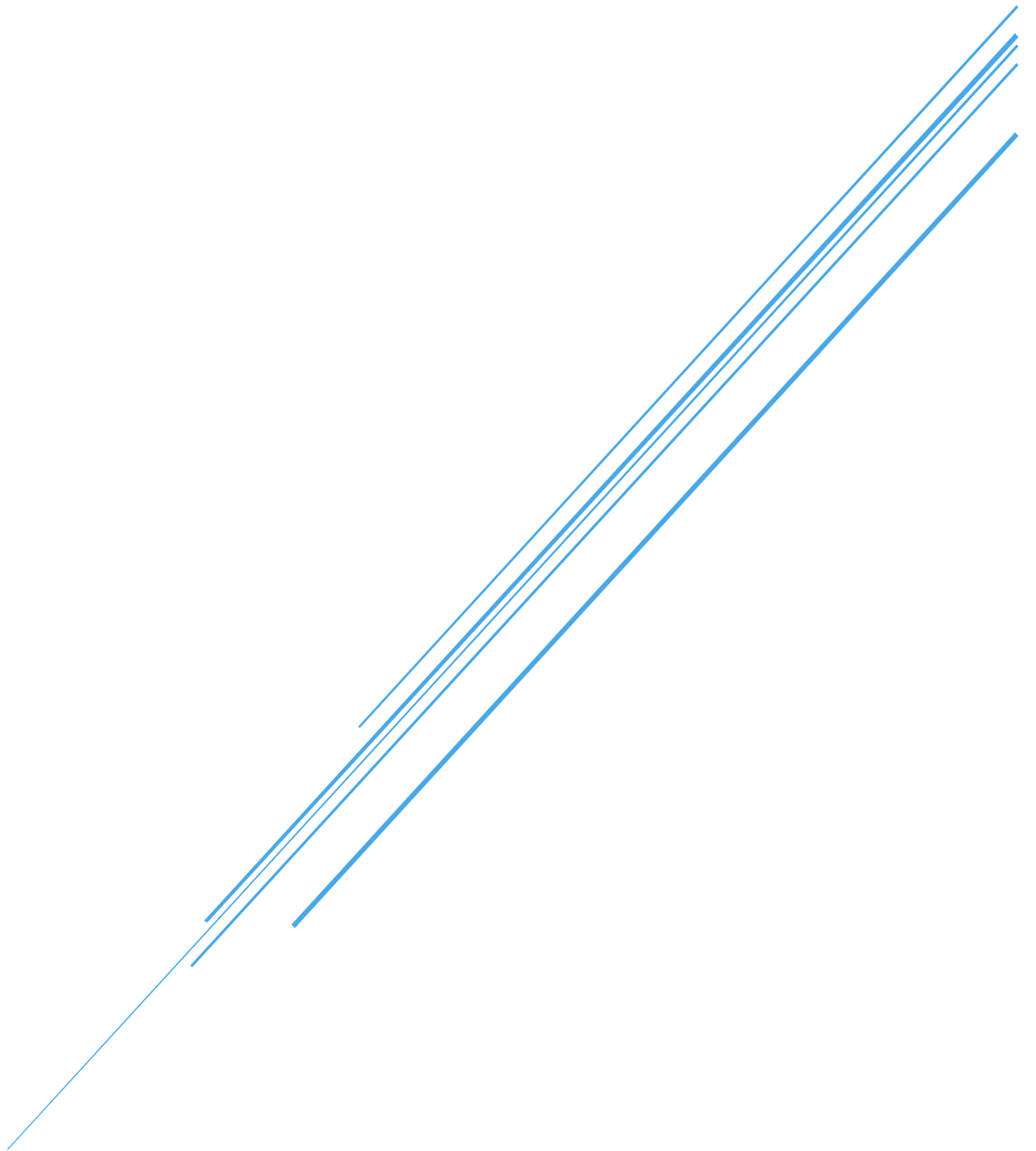


USER GUIDE

Aditya-L1 Proposal Processing System (ALPPS)



ISRO
Guide on proposal functions available to community user via ALPPS

Revision History

| Rev # | Description | Rev Date | Effective From | References |
|-------|---------------|------------|----------------|------------|
| 1 | First Release | 01/01/2026 | 01/01/2026 | |
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1 Introduction

Aditya-L1 Proposal Processing System (ALPPS) is a web-based application developed for the international science community to propose science observations via configurability offered by two (VELC and SUIT) of the instruments onboard Aditya-L1 spacecraft. All other instrument will observe in default mode and are not available for proposal-based observations. VELC has four channels, out of which only VELC SPEC1 channel will be available for the proposers.

| Payload | Available for Proposers |
|----------------|--------------------------|
| VELC SPEC1 | Yes |
| VELC SPEC2 | No |
| VELC Continuum | No |
| VELC IR | No |
| SUIT | Yes |
| ASPEX SWIS | No, Default Observations |
| ASPEX STEPS | No, Default Observations |
| SoLEXS | No, Default Observations |
| HEL1OS | No, Default Observations |
| PAPA | No |
| MAG | No, Default Observations |

Submitted proposals would be subjected to scientific and technical feasibility review for their science novelty and minimal required observation time. Required observation time will be allotted for the accepted proposals based on their merit. When a proposal is approved and time is allotted, details will be intimated by email to the author of the proposal. Once the planned observations are carried out and data is received on the ground, it is processed and the science products are made available to the proposer for an optional limited lock-in time. After the lock-in period, data will be open to all automatically for all the registered users. Lock-in time and other policy matters shall be announced as part of Announcement of Opportunity (AO) document.

ALPPS can be accessed at URL <https://alpps.issdc.gov.in>.

2 Scope

This guide will serve as reference document to the users who wish to propose a science observation using Aditya-L1. This document describes the workflow from proposing an observation to getting access to the data products in general. It also provides all the necessary auxiliary information required for the same.

What is not in the scope

- It does not detail about the semantics of instrument configurability. For instrument configuration details please refer to the instrument specific guides available under Create Proposal section of ALPPS.

- It is not a policy document on data but a step-by-step guide on creating and tracking a science observation proposal request through its life-cycle to obtain science data for the science community.
- It is also not a guide on the data platform access, search and download, for these details, please refer to the data access portal PRADAN (<https://pradan.issdc.gov.in/al1> or <https://pradan1.issdc.gov.in/al1>).

3 The Aditya-L1 user

You have reached to this section of the document, most probably because you are looking to carry out a science observation using Aditya-L1 instruments. It is you, the user of Aditya-L1; for whom this whole engineering effort is made. To be a proposer under ALPPS you would require becoming a registered user first. Details about the registration process are provided in the later section.

Once you are registered you would be allowed to access proposal system ALPPS and data platform PRADAN seamlessly with single credentials and single sign on convenience. You may simply navigate from one application to another without entering credentials each time.

4 Observation Opportunities

Periodic observation opportunities will be announced for specific observation duration. These opportunities are called cycle. A cycle is defined with three time windows; namely proposal submission window, review & time allocation window and observation window. User may prepare and submit their proposals when a cycle is open for submission.

User may also submit emergent observation requirements as Target of Opportunity (ToO) proposal, which are open for submission any time. However, the observation duration for a ToO proposal shall be between next 2 to 15 days, e.g. one cannot submit a ToO proposal before 3 months of the proposed observation time.

5 Aditya-L1 Time Allocation Committee (ALTAC)

User proposals will be reviewed for their science justification, feasibility, priority and the duration requested. A proposal can be a time constrained proposal, by defining the exact observation start time requirements in the form. However, time constrained proposal would require to strongly justify the need. Moreover, time constrained proposals will be rejected if the constrained observation is not feasible. Proposals may be accepted, rejected or requested for revision(s). Accepted proposals shall be allocated observation time slots. This shall be performed by an expert committee called Aditya-L1 Time Allocation Committee (ALTAC) including members from ISRO, partner agencies and the science community.

Please note that accepted proposal is not guaranteed for observation, it might get cancelled or rescheduled due to contingency or to accommodate higher priority proposals or ToO proposals.

6 The Workflow – Proposal to Data Open

Below state transition and the flow describes the major states a proposal goes through; from a draft to data availability to the proposer and later to public. For the detailed proposal states and transitions please refer ALPPS proposals section.

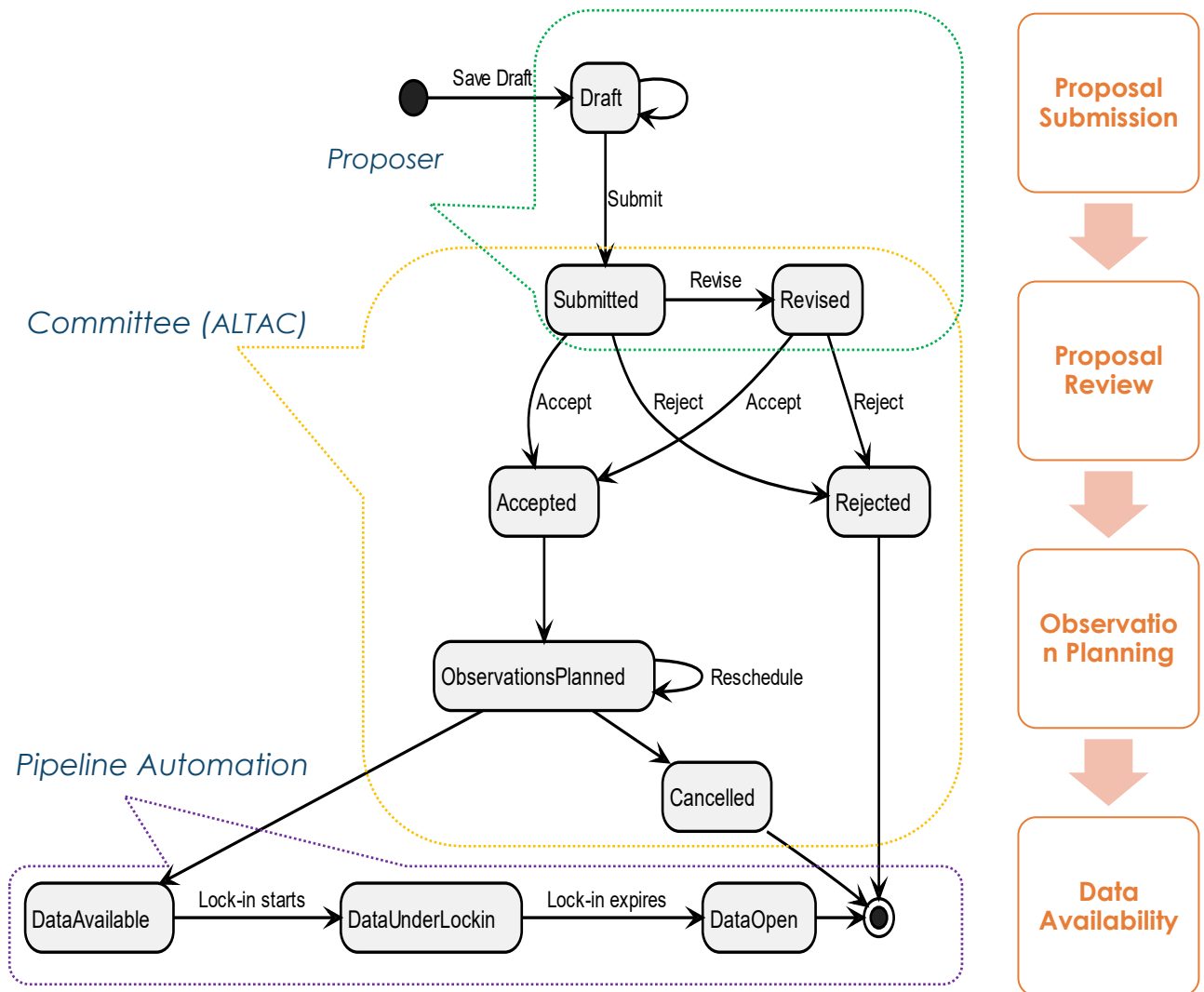


FIGURE 1 - PROPOSAL STATES & TRANSITIONS

6.1 Proposal Submission -

User may create and submit a proposal under an announced AO cycle or may submit as ToO proposal. Observation window for AO proposal shall be governed by the AO definition, whereas for a ToO it is always next 2 to 15 days.

6.2 Proposal Review –

Submitted proposal during the announced AO cycle shall be done under the defined review window for the cycle. A ToO proposal shall be reviewed as soon as possible on best effort basis. Proposals shall be reviewed on their science merit and technical feasibility.

6.3 Observation Planning, Time allocation –

Accepted proposals will be allocated time on their merit. Time constrained proposals where author has proposed a fixed start time will be allotted requested time. However, a very strong justification must be given by the author. A time constrained proposal can't be scheduled on any other time, so the proposal would be cancelled if it is not feasible to allot the requested time. Probability of allocation for flexible proposals where there is no specific start time is requested is always more because they can be scheduled at any available time. Chances are even more to get the proposal observed if proposer has allowed splitting the proposal for planning convenience.

6.4 Data Availability –

Once the proposal is observed as planned, data will be processed and will be available on PRADAN (<https://pradan1.issdc.gov.in/al1>) portal for download. AO proposals will have optional exclusive lock-in period for the proposer. ToO proposals will not have any lock-in period; data will be downloadable to all the users as soon as it is hosted on the portal. Details on the lock-in period shall be available under AO document.

All the proposal state change events will be notified by email to the author of the proposal.

7 Payloads, Configurability and Payload Operation Centre (POC)

Aditya-L1 was launched on 23rd September 2023 and reached the Sun-Earth L1 orbit on 6th Jan 2024. All payload performance verifications were carried out and started the science operations from July 1st 2024. Aditya-L1 has seven payloads which are briefly introduced below:

Visible Emission Line Coronagraph (VELC) - is designed to study solar corona and dynamics of coronal mass ejections. The payload is developed by Indian Institute of Astrophysics, Bengaluru in close collaboration with ISRO. VELC is internally occulted solar coronagraph with simultaneous imaging, spectroscopy and spectropolarimetry channels close to the solar limb, namely VELC CONT, VELC SPEC1, VELC SPEC2 and VELC IR.

Solar Ultra-violet Imaging Telescope (SUIT) - to image the Solar Photosphere and Chromosphere in near Ultra-violet (UV) and, to measure the solar irradiance variations in near UV. The payload is developed by Inter University Centre for Astronomy and Astrophysics, Pune in close collaboration with ISRO.

Solar Low Energy X-ray Spectrometer (SoLEXS) and **High Energy L1 Orbiting X-ray Spectrometer (HEL1OS)** - are designed to study the X-ray variability of the Sun over a wide X-ray energy range. Both these payloads are developed at U R Rao Satellite Centre, Bengaluru.

Aditya Solar wind Particle Experiment (ASPEX) and **Plasma Analyser Package for Aditya (PAPA)** - payloads are designed to study the solar wind and energetic ions, as well as their energy distribution. ASPEX is developed at Physical Research Laboratory, Ahmedabad. ASPEX comprises two subsystems: SWIS and STEPS. PAPA is developed at Space Physics Laboratory, Vikram Sarabhai Space Centre, Thiruvananthapuram.

Magnetometer (MAG) - payload is capable of measuring interplanetary magnetic fields at the L1 point. The payload is developed at Laboratory for Electro Optics Systems, Bengaluru in close collaboration with Space Physics Laboratory of VSSC.

Based on original mission plan and the post PV phase observations, VELC SPEC1 and SUIT instruments are planned to be open under ALPPS for proposals by community users. Refer the detailed guide of these individual payloads available under Create Proposal section of ALPPS for specifics on the configurability.

SoLEXS, HEL1OS, PAPA, MAG ASPEX SWIS and ASPEX STEPS are always operated in default mode and their science data products are available to public without any exclusive lock-in period.

Each payload has their **Payload Operations Centre (POC)** defined which is responsible for maintenance of instrument throughout its life. They plan for timely calibration observations and configuration updates based on the payload performance evaluation. Additionally, POCs are also responsible for science product

generation for their payloads in short period of turn-around time. These products are posted back to the ISSDC, archived at ISSDC and hosted for the proposers/public in timely manner.

| Payload | Configurable under ALPPS | Remarks |
|----------------|--------------------------|---------------------------|
| VELC SPEC1 | Yes | |
| VELC SPEC2 | No | Not available |
| VELC Continuum | No | Not available |
| VELC IR | No | Not available |
| SUIT | Yes | |
| ASPEX SWIS | No | Default mode observations |
| ASPEX STEPS | No | Default mode observations |
| SoLEXS | No | Default mode observations |
| HELIOS | No | Default mode observations |
| PAPA | No | Default mode observations |
| MAG | No | Default mode observations |

8 Service Disclaimer

Proposal acceptance does not guarantee observation. Many a times due to varying practicalities it might not be feasible to carry out observation. It is a decision by the ALTAC with guidance from operations and engineering teams to make a decision to cancel or reschedule an accepted proposal. It may happen due to contingency scenario or to accommodate another higher priority observation. Committee may decide to reschedule, cancel, split* or shrink a proposal to accommodate calibration or Target of Opportunity (ToO) observations.

**Proposal observation can be split if opted by proposer while submission, more details are in later section*

9 Access & Navigation

To access ALPPS one needs to navigate to the URL <https://alpps.issdc.gov.in>. Below is the landing page.

Aditya-L1 Proposal Processing System (ALPPS)

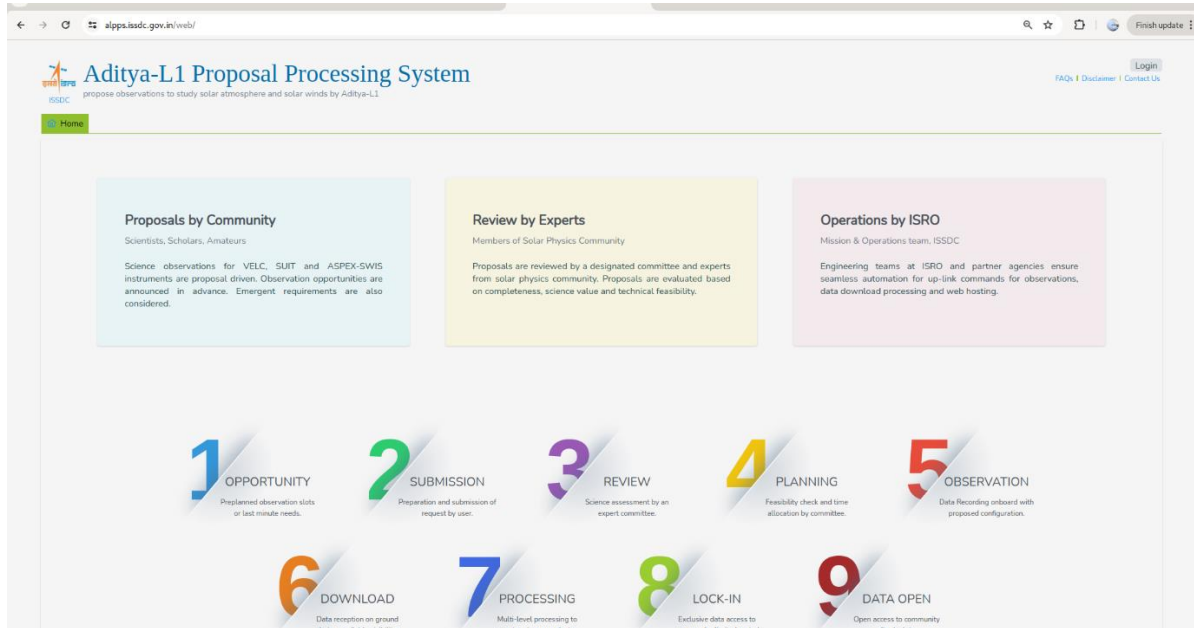


FIGURE 2 - ALPPS HOME

There are some basic infographics, audio overview, tutorial video, recent updates, and useful links in the context available on the landing page. You may also refer to the FAQ section from the top right link. Service disclaimer and contact information is also available from the links at top right of the page.

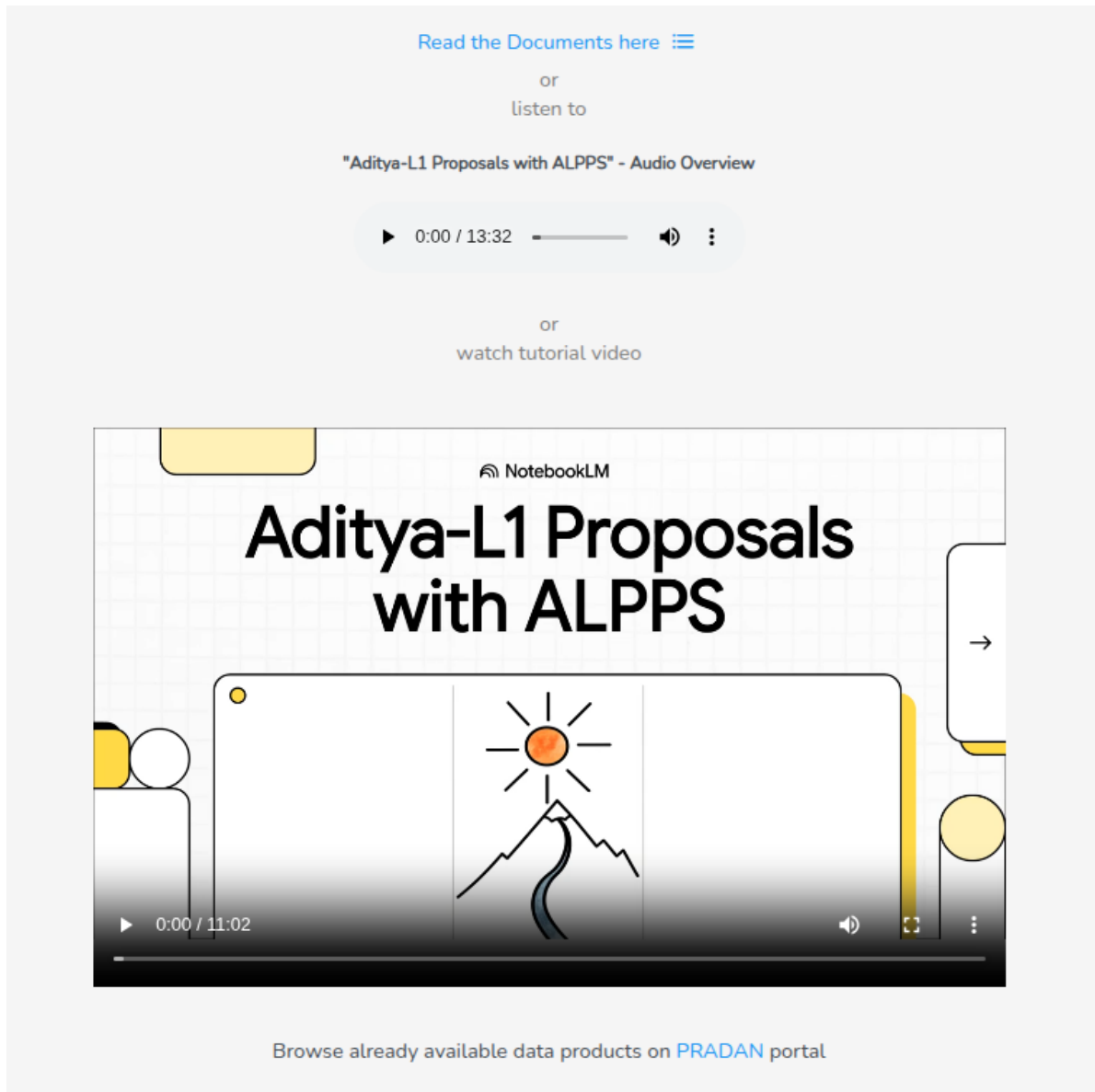


FIGURE 3 – DOCUMENTS, AUDIO OVERVIEW AND VIDEO TUTORIAL ON HOME PAGE

To access the functions provided one would require to have a registered user account. If already registered for PRADAN portal or Chandryaan-2 or Chandryaan-3 services at ISSDC, then the same account can be used.

To proceed further you may click the Login button from the top right. User would be redirected to the authentication page. If you are already registered user, you may login or recover your password here. If you are not registered, you may proceed to registration page by clicking the registration link available on this page. User authentication and management is catered by an independent identity management service. Registration would require verification of the email address. On successful registration you would be sent an email with the account verification link. On click of the link, you would be redirected to the ALPPS with successful authentication.

Aditya-L1 Proposal Processing System (ALPPS)

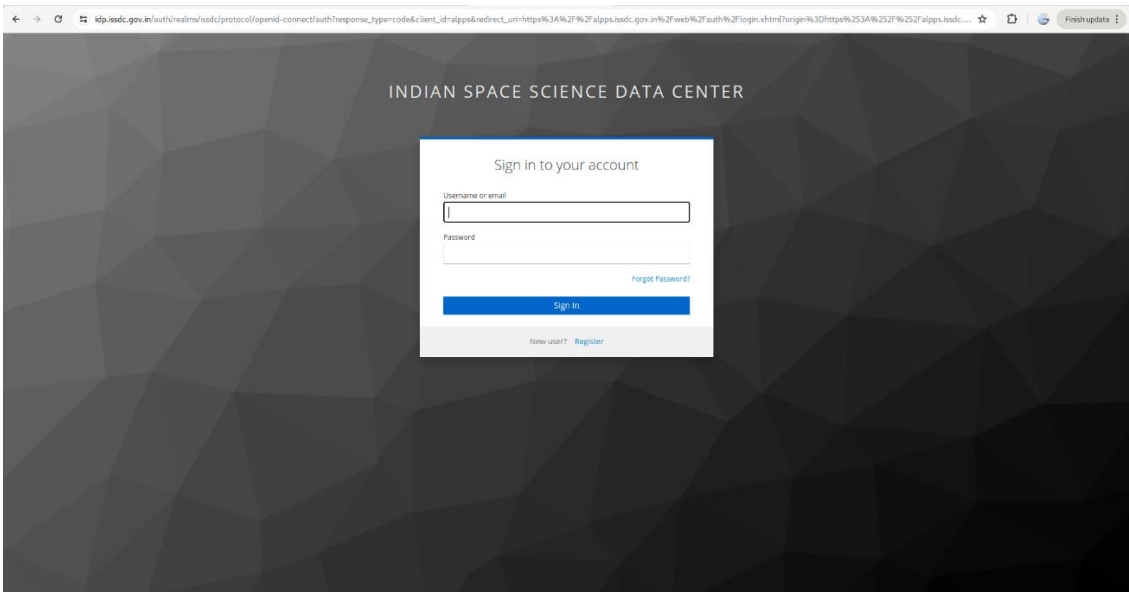


FIGURE 4 - LOGIN

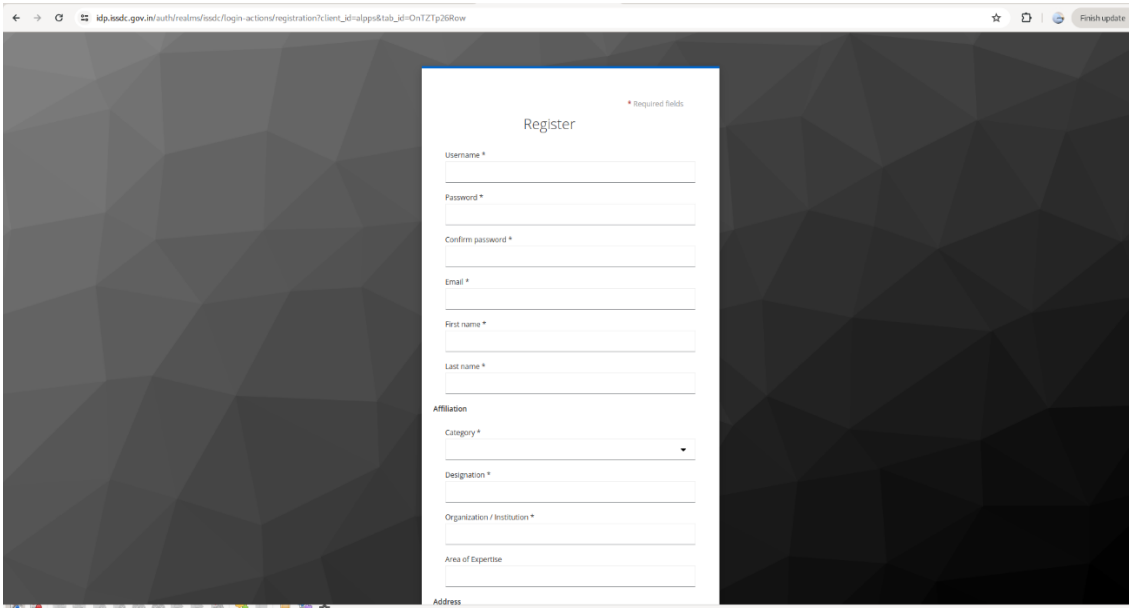


FIGURE 5 - REGISTRATION - 1

Aditya-L1 Proposal Processing System (ALPPS)

idp.issdc.gov.in/auth/realms/issdc/login-actions/registration?client_id=alpps&tab_id=OnTZ1p26Row

Category *

Designation *

Organization / Institution *

Area of Expertise

Address

Area

Pin / Zip

City / Town *

State / Province *

Country *

Contact Details

Phone

Alternate Email

[Back to Login](#)

Register

FIGURE 6 - REGISTRATION - 2

Once authenticated as a proposer, there are two extra tabs on the main navigation menu, namely Proposals and Schedule will be available. Additionally, the username and extra links on top right menu for feedback and roles also will be visible to the user. User profile is accessible on click of the username.

alpps.issdc.gov.in/web/home.xhtml

Aditya-L1 Proposal Processing System

propose observations to study solar atmosphere and solar winds by Aditya-L1

Home Proposals Schedule

Proposals by Community

Scientists, Scholars, Amateurs

Science observations for VELC, SLIT and ASPEX-SHIS instruments are proposal driven. Observation opportunities are announced in advance. Emergent requirements are also considered.

Review by Experts

Members of Solar Physics Community

Proposals are reviewed by a designated committee and experts from solar physics community. Proposals are evaluated based on completeness, science value and technical feasibility.

Operations by ISRO

Mission & Operations team, ISSDC

Engineering teams at ISRO and partner agencies ensure seamless automation for up-link commands for observations, data download processing and web hosting.

1 OPPORTUNITY

Planned observation slots or last minute needs.

2 SUBMISSION

Preparation and submission of request by user.

3 REVIEW

Science assessment by an expert committee.

4 PLANNING

Feasibility check and time allocation by committee.

5 OBSERVATION

Data Recording onboard with proposed configuration.

6 DOWNLOAD

Data reception on ground during available visibility.

7 PROCESSING

Multi-level processing to create science products.

8 LOCK-IN

Exclusive data access to proposer for limited period.

9 DATA OPEN

Open access to community after lock-in.

FIGURE 7 - HOME PAGE AFTER AUTHENTICATION

10 Proposal Functions

A Proposal is intent of a user to carry out science observations using Aditya-L1 instruments with a specific configuration and duration, optionally at a specific time and time duration.

Opportunities of proposal submissions shall be announced quarterly for the observations for the next quarter. The complete quarter time is called as Announcement of Opportunity (AO) cycle which would have one month of submission window and two months of review & planning window for the next quarter observations. Additionally, for last minute emergent requirements Target of Opportunity (ToO) proposals shall be allowed from the 15 days before the actual observation time.

10.1 Create Proposal

A proposal can either be created fresh or can be created by copying earlier submitted proposal. A proposer can view and copy proposals submitted by himself/herself or coauthored. Below is the Proposals landing page

The screenshot displays the 'Create Proposal' interface in the ALPPS system. The top navigation bar includes 'Home', 'Proposals', and 'Schedule'. Below this, a 'Create' button and a search bar are present. The main content area is divided into two columns. The left column features a 'Science Observations' section with a 'Propose new' button and a list of steps: Basics, Cover Page, Observation Time, Instrument Configurations, Attachments, and Verify & Submit. The right column contains the 'Basics' step form, which includes a 'Proposal Type' dropdown (set to 'Regular'), a 'Select Cycle' dropdown, a 'Related Proposals' section, an 'Add Co-Proposers' section, and a 'Co-ordinated Proposal' checkbox. A 'Next' button is located at the bottom right of the form. A warning message at the top of the form states: 'Do not press browser refresh or back button while creating or modifying proposal.' A 'Save Draft' button is also visible.

FIGURE 8 - CREATE PROPOSAL

A fresh proposal creation is a six steps process, Basics, Cover Page, Instrument Configurations, Observation Time, Attachments and Verify & Submit.

Proposal id, Proposal Acceptance Id - a proposal can be saved as a draft anytime during the creation process, it would also be saved automatically when moving from one step to other. When a proposal is saved, a user specific id is assigned. When a proposal is accepted by the ALTAC, a global proposal acceptance id is assigned which shall be used for any traceability thereafter.

The screenshot displays the 'Create Proposal - Draft' interface of the Aditya-L1 Proposal Processing System (ALPPS). The interface is divided into a left sidebar and a main content area. The sidebar contains a 'Science Observations' section with a 'Documents' and 'Tools' dropdown. The main content area shows a progress bar with six steps: 1. Basics, 2. Cover Page, 3. Instrument Configurations, 4. Observation Time, 5. Attachments, and 6. Verify and Submit. The 'Basics' step is currently active. The form includes several input fields and buttons: 'Save Draft' (top left), 'Do not press browser refresh or back button while creating or modifying proposal' (warning), 'Proposal Type' (dropdown menu set to 'Regular'), 'Select Cycle' (dropdown menu), 'Related Proposals' (dropdown menu), 'Add Co-Proposers' (dropdown menu), and 'Co-ordinated Proposal' (checkbox). A 'Next' button is located at the bottom right. The interface also includes a 'Science Observations' section on the left with a 'Documents' and 'Tools' dropdown. The 'Science Observations' section contains a 'Documents' and 'Tools' dropdown. The 'Documents' dropdown is currently open, showing a list of documents. The 'Tools' dropdown is also open, showing a list of tools. The 'Documents' and 'Tools' dropdowns are both open, showing a list of documents and tools respectively. The 'Documents' dropdown is currently open, showing a list of documents. The 'Tools' dropdown is also open, showing a list of tools. The 'Documents' and 'Tools' dropdowns are both open, showing a list of documents and tools respectively.

FIGURE 9 - CREATE PROPOSAL - DRAFT

10.1.1 Basics

First step where you provide basic information like proposal type, cycle, co-authors etc. Below table details the input to be provided under this step

| # | Input | Description | Remarks |
|---|--------------------------|---|---|
| 1 | Proposal Type | Regular/ToO | Mandatory |
| 2 | Cycle | One of the cycles which is open for submission | Mandatory, only applicable for Regular Proposal type |
| 3 | Related Proposals | Other proposals which are related or part of same observation campaign, max 10 proposals. Only proposals authored or coauthored by the user are eligible. | Optional |
| 4 | Co-proposers | List of registered users, max 10. Gives equal access to the data during lock-in period | Optional, it should only be provided if proposer wants to give equal access to the data during proposer exclusive period on PRADAN portal |
| 5 | Unregistered Users | Max 5 unregistered email ids, for publication purpose only | Optional, info |
| 6 | Is Co-ordinated Proposal | If it is a coordinated observation | Optional, info. But if science requires essential coordination, then it should be specified and |

Aditya-L1 Proposal Processing System (ALPPS)

| | | | |
|---|---------------|--|---|
| | | | proposer should go for fixed-time observation in case of other observatory has time bound observations. |
| 7 | Observatories | Select or type-in one or more observatory name if it is a coordinated proposal | Mandatory if coordinated proposal |

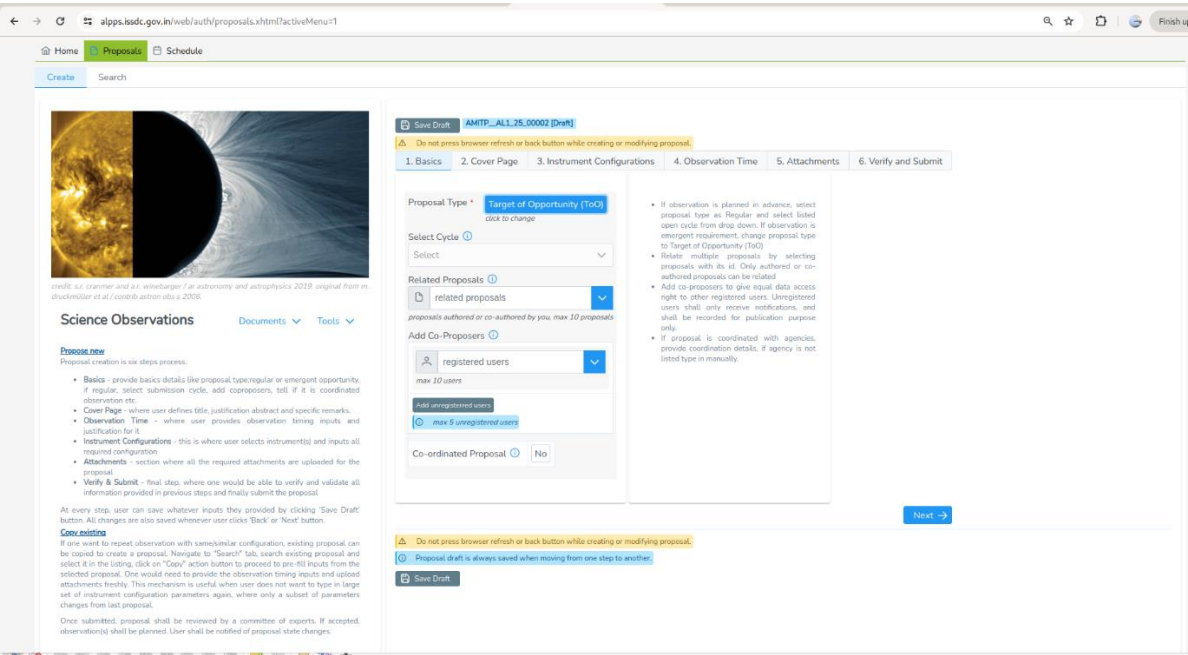


FIGURE 10 - CREATE PROPOSAL - BASICS - ToO

Aditya-L1 Proposal Processing System (ALPPS)

FIGURE 11 - CREATE PROPOSAL - BASICS - AO

FIGURE 12 - CREATE PROPOSAL - BASICS - CO-ORDINATED

10.1.2 Cover Page

Second step where you provide the title, justification abstract and specific remarks if any

| # | Input | Description | Remarks |
|---|-----------------------------------|--|-----------|
| 1 | Title | Proposal Title | Mandatory |
| 2 | Scientific Justification Abstract | Abstract of the science requirement | Mandatory |
| 3 | Specific Remarks | Any specific point which might need the review committee's attention | Optional |

Aditya-L1 Proposal Processing System (ALPPS)

The screenshot displays the Aditya-L1 Proposal Processing System (ALPPS) interface. The header includes the system name and a subtitle: "propose observations to study solar atmosphere and solar winds by Aditya-L1". The user is logged in as "User1" on "23/06/2025 08:45:14 UTC". The navigation bar shows "Home", "Proposals", and "Schedule". The main content area is titled "Create" and includes a "Search" and "Revisions" button. The "Science Observations" section on the left provides a brief overview of the proposal creation process, listing six steps: Basics, Cover Page, Instrument Configurations, Observation Time, Attachments, and Verify & Submit. The main form area is titled "2. Cover Page" and contains the following fields:

- Title**: A text input field with a placeholder "type in proposal title here" and a character count of "500 characters remaining: min 50, max 500".
- Scientific Justification (Abstract)**: A text input field with a placeholder "type in scientific justification abstract here" and a character count of "2000 characters remaining: min 100, max 2000".
- Specific Remarks**: A text input field with a placeholder "type in specific remarks here, if there are any" and a character count of "1000 characters remaining: max 1000".

Navigation buttons "Previous" and "Next" are located at the bottom of the form. A warning message at the bottom states: "Do not press browser refresh or back button while creating or modifying proposal."

FIGURE 13 - CREATE PROPOSAL - COVER PAGE

10.1.3 Instrument Configurations

Third step where you shall select the instrument and provide their configurations for the proposal. Aditya-L1 instruments are categorized into two groups; Remote Sensing and In-Situ. Only Remote Sensing instruments VELC and SUIT are available for proposal-based observations.

Home Proposals Schedule

Create Search Revisions

Save Draft Id not assigned yet [New]

⚠ Do not press browser refresh or back button while creating or modifying proposal

1. Basics 2. Cover Page 3. Instrument Configurations

Opt Instrument Group, Select Instrument(s) ⓘ *

select instruments from one of the groups

☒ Remote Sensing

☐ SUIT

☐ VELC

Select one instrument group, click proceed to select instruments provided in previously selected group

Proceed Cancel

← Previous

FIGURE 14 - CREATE PROPOSAL - INSTRUMENT SELECTION

Once the instrument(s) are selected, user requires to click 'Proceed' to render the detailed configuration form for each of the selected instruments. Each instrument form is rendered as a separate tab. User needs to complete the configuration for all the instrument tabs.

⚠ Do not press browser refresh or back button while creating or modifying proposal.

1. Basics

2. Cover Page

3. Instrument Configurations

4. Observation Time

5. Att

☰ Modify instrument selection

Refer applicable document from left panel for details on instrument parameters. Click button above to modify instrument selection.

VELC

SUIT

Select channel(s) ⓘ

☒ Spectroscopy ⓘ

select one or more channel

☒ 5303 Å, Fe XIV

☐ 7892 Å, Fe XI

☐ 10747 Å, Fe III

Select mode

☒ Sit & Stare

☐ Raster Scan

⚠ Max data limit for VELC all four channels put together is 100.00Gib per day from 00:00 to 23:59 UT. Variation in detector settings would lead to different data rates, and consequently different data volume for the channel.

Proceed

← Previous

FIGURE 15 – VELC MODE SELECTION

Page 21 | 41

VELC

SUIT

Observation Mode

Synoptic4Output

Click icon on right to expand/collapse mode details

propose new mode

| Observation Cycle & Volume | |
|----------------------------|-----------------|
| One Cycle | 7681.00 Seconds |
| Volume / Cycle | 9.87 Gib |
| Cycles / 24 Hours | 10.00 |
| Volume / 24 Hours | 98.73 Gib |

⚠

 Max data limit for SUIT is 100.00Gib per day from 00:00 to 23:59 UT. Variation in observation mode and ROI size settings would change data volume. It is recommended to check data volume for selected configuration to avoid validation failure in last step of workflow. Data volume is calculated considering ROI size of 704x704.

Region(s) of Interest (ROI)

+ Add

🗑 Delete All

⚠

 No of ROIs min 1, max 16, ROI size min 128, max 4096, size step factor 16

⚠

 When finalized by instrument team, ROIs shall have 10seconds of gap between them. Total duration provided in next step should be more than all ROIs duration plus no_of_rois*10 seconds.

| Size | | Duration | Feature of Interest | Edit | Delete |
|-------------------------------|---|----------|---------------------|------|--------|
| X | Y | | | | |
| click button above to add ROI | | | | | |

1 of 1 (0 records)

<< < > >>

5

FIGURE 16 – SUIT INSTRUMENT CONFIG

Instrument configuration details from this point are available under instrument specific configuration guides.

10.1.4 Observation Time

Fourth step, where user needs to provide observation timing requirements. Below table details about each of the inputs

| # | Input | Description | Remarks |
|---|------------------------------|--|--|
| 1 | Duration | Integer number representing duration | Mandatory |
| 2 | Unit | Minutes/Hours | Mandatory |
| 3 | Time constrained Observation | Select one of the radio buttons – 1. Observation to start at given time (time constrained) 2. Observation may start at any time as per scheduling convenience | Mandatory |
| 4 | Start Date & Time | Select a date and time 1. date can be selected from a limited window of 15 days only for ToO proposal 2. date can be selected from the cycle's observation window for a regular cycle-based proposal | Mandatory only if observation is time constrained and applicable only if option-1 is selected under #3 |
| 5 | Justification of Time Inputs | Provide a justification for time constrained proposal | Mandatory only if observation is time constrained and applicable only if option-1 is selected under #3 |
| 6 | Split Observation | Mark it Yes/No | Optional, enabled only if proposal is not time constrained and type-2 is selected for #3 |
| 7 | Minimum split duration | Integer value representing minimum split duration | Mandatory if #6 is marked Yes |
| 8 | Split Unit | Unit of the split duration, Minutes/Hours | Mandatory if #6 is marked Yes |
| | | | |

Aditya-L1 Proposal Processing System (ALPPS)

Home

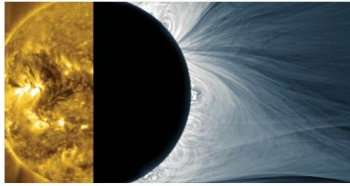
Proposals

Schedule

Create

Search

Revisions



credit: s.r. cranner and a.r. winebarger / ar astronomy and astrophysics 2019
original from m. druckmüller et al / contrib astron obs s 2006

Science Observations

[Documents](#) [Tools](#)

Propose new
Proposal creation is six steps process.

- **Basics** - provide basics details like proposal type, regular or emergent opportunity, if regular, select submission cycle, add coproposers, tell if it is coordinated observation etc.
- **Cover Page** - where user defines title, justification abstract and specific remarks.
- **Instrument Configurations** - this is where user selects instrument(s) and inputs all required configuration
- **Observation Time** - where user provides observation timing inputs and justification for it
- **Attachments** - section where all the required attachments are uploaded for the proposal
- **Verify & Submit** - final step, where one would be able to verify and validate all information provided in previous steps and finally submit the proposal

At every step, user can save whatever inputs they provided by clicking 'Save Draft' button. All changes are also saved whenever user clicks 'Back' or 'Next' button.

Copy existing
If one want to repeat observation with same/similar configuration, existing proposal can be copied to create a proposal. Navigate to 'Search' tab, search existing proposal and select it in the listing, click on 'Copy' action button to

Save Draft

Id not assigned yet (New)

Do not press browser refresh or back button while creating or modifying proposal.

1. Basics

2. Cover Page

3. Instrument Configurations

4. Observation Time

5. Attachments

6. Verify and Submit

| A02 | Start Date | End Date |
|-------------|------------|------------|
| Observation | 2025-07-24 | 2025-07-31 |

Timing inputs for observation *

Duration *

0

Unit *

Minutes

1 Minutes min to 500 Hours max

☐ Observation to start at given time

Start Date & Time (UTC)

Observation may start at any convenient time

Allow to split observation into multiple slots

No

Minimum slot size

0

Unit

Minutes

0 Minutes min size

Justification for time inputs

1000 characters remaining

- Provide duration of proposed observation
- User may choose to start observation at specific time, or choose it to flexible to start at any feasible time.
- Fixed time observations might get cancelled due to contingency or other higher priority observations. Flexible observations would be rescheduled in these scenarios
- User must provide a justification if observation must start at a given time
- User may provide if observation can be split across multiple feasible slots. It would help in scheduling if observation is long

Click Align buttons to align duration and start time to the payload requirements. Time inputs shall be aligned automatically before validation in the last step of the workflow.

FIGURE 17 - OBSERVATION TIME, FLEXIBLE

Home

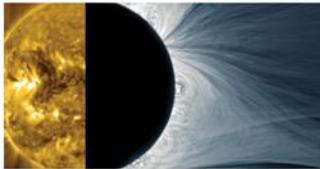
Proposals

Schedule

Create

Search

Revisions



credit: s.r. cranner and a.r. winebarger / ar astronomy and astrophysics 2019
original from m. druckmüller et al / contrib astron obs s 2006

Science Observations

[Documents](#) [Tools](#)

Propose new
Proposal creation is six steps process.

- **Basics** - provide basics details like proposal type, regular or emergent opportunity, if regular, select submission cycle, add coproposers, tell if it is coordinated observation etc.
- **Cover Page** - where user defines title, justification abstract and specific remarks.
- **Instrument Configurations** - this is where user selects instrument(s) and inputs all required configuration
- **Observation Time** - where user provides observation timing inputs and justification for it
- **Attachments** - section where all the required attachments are uploaded for the proposal
- **Verify & Submit** - final step, where one would be able to verify and validate all information provided in previous steps and finally submit the proposal

At every step, user can save whatever inputs they provided by clicking 'Save Draft' button. All changes are also saved whenever user clicks 'Back' or 'Next' button.

Copy existing
If one want to repeat observation with same/similar configuration, existing proposal can be copied to create a proposal. Navigate to 'Search' tab, search existing proposal and select it in the listing, click on 'Copy' action button to

Save Draft

Id not assigned yet (New)

Do not press browser refresh or back button while creating or modifying proposal.

1. Basics

2. Cover Page

3. Instrument Configurations

4. Observation Time

5. Attachments

6. Verify and Submit

| A02 | Start Date | End Date |
|-------------|------------|------------|
| Observation | 2025-07-24 | 2025-07-31 |

Timing inputs for observation *

Duration *

30

Unit *

Minutes

1 Minutes min to 500 Hours max

☒ Observation to start at given time

Start Date & Time (UTC) *

24/07/25 09:56:35

☐ Observation may start at any convenient time

Allow to split observation into multiple slots

No

Minimum slot size

0

Unit

Minutes

0 Minutes min size

Justification for time inputs *

1000 characters remaining

- Provide duration of proposed observation
- User may choose to start observation at specific time, or choose it to flexible to start at any feasible time.
- Fixed time observations might get cancelled due to contingency or other higher priority observations. Flexible observations would be rescheduled in these scenarios
- User must provide a justification if observation must start at a given time
- User may provide if observation can be split across multiple feasible slots. It would help in scheduling if observation is long

Click Align buttons to align duration and start time to the payload requirements. Time inputs shall be aligned automatically before validation in the last step of the workflow.

FIGURE 18 - OBSERVATION TIME, FIXED, TIME CONSTRAINED

10.1.4.1 SUIT data volume and time alignment

It is required to constraint SUIT observation data recorded per day to 100 giga bits maximum. One or more proposals put together for any day from 00:00 UT to 23:59 UT shall not cross the limit. Proposal form shall have the check in place for this, and if it is violated for the selected configuration, proposal submission is not allowed. A volume check tool is provided for the selected sequence and observation time on the page,

so that user may check the volume for the selected configuration and time and appropriately modify the configuration.

For SUIT observations total observation time duration should be integer multiple of the cycle time of the selected observation sequence. Similarly, minimum split size must also be integer multiple of the cycle time of the selected sequence in previous step. If SUIT is selected in previous step, provision is provided to align observation time entered by the user to the nearest integer multiple of the cycle time of the selected sequence. Moreover, if the time inputs are not aligned, they are automatically aligned during the last phase of verification and submission, so please be attentive of the details and verify the configuration in the last step carefully.

E.g. If SUIT sequence selected is Synoptic4Output and if one cycle time is 2.5hours, then the observation time provided must be multiple of 2.5hours. Refer the SUIT instrument configuration guide for more details.

⚠ Do not press browser refresh or back button while creating or modifying proposal.

1. Basics
2. Cover Page
3. Instrument Configurations
4. Observation Time
5. Attachments
6. Verify and Submit

Timing inputs for observation *

Duration *

Unit *

Seconds

1 Seconds min to 500 Hours max

⚠ Observation duration must be integer multiple of the cycle time of selected observation mode for SUIT

✓ Align duration

☐ Observation to start at given time

Start Date & Time (UTC)

⚠ Observation start time must allow one cycle observation for the selected observation mode on the given day for SUIT including the end margin of 480 seconds, e.g. if cycle time is 120 minutes then the start-time should be before 21:52 of the day.

☒ Observation may start at any convenient time

Allow to split observation into multiple slots

No

Minimum slot size

Unit

Seconds

0 Seconds min size

Justification for time inputs

1000 characters remaining

- Provide duration of proposed observation
- User may choose to start observation at specific time, or choose it to flexible to start at any feasible time.
- Fixed time observations might get cancelled due to contingency or other higher priority observations. Flexible observations would be rescheduled in these scenarios
- User must provide a justification if observation must start at a given time
- User may provide if observation can be split across multiple feasible slots. It would help in scheduling if observation is long

Click Align buttons to align duration and start time to the payload requirements. Time inputs shall be aligned automatically before validation in the last step of the workflow. Use tools provided below to check volume.

FIGURE 19 - SUIT OBSERVATION TIME ALIGNMENT

— SUIT

Check

Check data volume for selected duration

| | |
|---|-----------------|
| Observation Mode <small>selected under previous step</small> | Synoptic4Output |
| One cycle | 7681.00 Seconds |
| Volume / Cycle <small>expected, with compression factor 0.5882</small> | 9.87 Gib |
| Expected Cycles | 0.00 |
| Expected Volume | 0.0000 Gib |

← Previous

FIGURE 20 – SUIT VOLUME CALCULATION

An integrated tool to check the expected volume from the proposal observation is provided under the observation time selection step. User can check the volume for selected configuration and observation time. This should be checked after aligning the time as per requirement.

10.1.4.2 VELC Data volume and raster scans

Similar to the SUIT instrument VELC is also constrained to record max 100 giga bits data per day from 00:00 UT to 23:59 UT. This constraint is enforced in the proposal form. Verification would fail and the user would not be able to submit the proposal. A volume check tool is provided for this sake, where volume is calculated and available for selected instrument configuration and the observation time. It would help the user to fine tune the configuration.

VELC raster scans are limited to 5 per day. Proposal form will not allow any configuration which have more than 5 raster scans. Proposal verification would fail and the user would not be able to submit the proposal. A tool to check the number of raster scan is also provided, so that the user may fine tune the instrument configuration and the observation time.

Optimized data rates and the volume will increase the probability of success for a proposal based observation.

ISSUE SUM

Payara 1BD

ALPPS 1BD

Payara Local

IDP Local

ALPPS Local

Documentatio...

Mermaid Crea...

ISTRAC Webin...

ALPPS PROD

ALP...

like proposal type: regular or emergent mission cycle, add coproproposers, tell if it is justification abstract and specific is where user selects instrument(s) and provides observation timing inputs and the required attachments are uploaded here one would be able to verify and d in previous steps and finally submit inputs they provided by clicking 'Save id whenever user clicks 'Back' or 'Next' th same/similar configuration, existing posal. Navigate to "Search" tab, search sting, click on "Copy" action button to flected proposal. One would need to and upload attachments freshly. This s not want to type in large set of ain, where only a subset of parameters viewed by a committee of experts. If red. User shall be notified of proposal

Observation start time must align to 0th or 30th minute for SUIT

Align start time

Observation may start at any convenient time

Allow to split observation into multiple slots

No

Minimum slot size

0

Unit

Minutes

0 Minutes min size

Justification for time inputs

1000 characters remaining

User may provide if observation can be split across multiple feasible slots. It would help in scheduling if observation is long

Click Align buttons to align duration and start time to the payload requirements. Time inputs shall be aligned automatically before validation in the last step of the workflow.

VELC data rate and volume

Check

Check data volume for selected duration

Data Rate Chain-1

IR and top port of CONT, SPEC1, SPEC2

0.0908 Mbps

Data Rate Chain-2

bottom port of CONT, SPEC1 and SPEC2

0.0908 Mbps

Data Volume

compression factor 0.5

0.1634 Gib

VELC Raster Scan

Check

No of Raster Scans

one raster scan time is 103.3670 seconds

0 scan(s)

Previous

Next

FIGURE 21 - VELC VOLUME AND RASTER SCANS

10.1.5 Attachments

Fifth step, where the user needs to upload the required document for supporting the proposal request. Below table details about the number and the type of documents required

| # | Input | Description | Remarks |
|---|-----------------------------------|---|---|
| 1 | Science & Technical Justification | Detail justification document in PDF form to support the proposal request. It shall be used by the ALTAC for proposal assessment purpose. | Mandatory, size of the document must be less than 5 MiB. LaTeX template available under proposal creation form header link must be used for the document. |

HomeProposalsSchedule

CreateSearchRevisions

Save DraftId not assigned yet [New]

DocumentsTemplatesReport an issueHelp

Do not press browser refresh or back button while creating or modifying proposal.

1. Basics2. Cover Page3. Instrument Configurations4. Observation Time5. Attachments6. Verify and Submit

Science & Technical Justification

detailed justification for the science requirements as well as the technical feasibility of proposal

5 MB, pdf only

+ Choose

All attachments are mandatory

Kindly use LaTeX templates for scientific and technical justifications available under template menu above.

Previous

Next

Do not press browser refresh or back button while creating or modifying proposal.

Proposal draft is destroyed when moving from one step to another.

FIGURE 22 – ATTACHMENTS

10.1.6 Verify and Submit

Sixth and the final step, where proposal summary is rendered for the user to review and all the applicable constraints are checked for the given configuration. If any failure is observed, details are rendered accordingly. In case of failure, the user would have to navigate to the appropriate step and would require to correct the inputs. If validation is successful, proposal submission action shall be enabled to submit the proposal. Successful submission of the proposal shall redirect the page to Create Proposal main screen.

Save DraftId not assigned yet [New]

Do not press browser refresh or back button while creating or modifying proposal.

1. Basics2. Cover Page3. Instrument Configurations4. Observation Time5. Attachments6. Verify and Submit

Proposal Details

review configuration

Id

USER1_AL1_25_00003

Instruments

[ASPEX SWIS]

Instrument configuration details

click buttons on right to toggle

ASPEX SWIS

Mode of OperationMode-1

Integration Time450 milliseconds

Max steps50

THA-1

ModeSingle Energy Mode

No of Steps1

Energy Steps100

THA-2

ModeSingle Energy Mode

No of Steps1

Energy Steps100

If no of steps for THAs are less than max steps, given values shall be repeated till max steps for the THA.

This is final step to submit proposal. Verify all the information, validate proposal configurations and submit proposal here.

All the details shall be visible here if draft is saved. Detail instrument configuration panel is collapsed by default. Expand it to see all the inputs provided in earlier step.

Click validate button to validate all the configurations. Validation failure or success message shall be displayed step wise. In case of failure, go back to previous steps to change the inputs.

Submission button shall be enabled if proposal validation succeeds.

Id

USER1_AL1_25_00003

Instruments

[ASPEX SWIS]

Instrument configuration details

click buttons on right to toggle

ASPEX SWIS

Mode of OperationMode-1

Integration Time450 milliseconds

Max steps50

THA-1

ModeSingle Energy Mode

No of Steps1

Energy Steps100

THA-2

ModeSingle Energy Mode

No of Steps1

Energy Steps100

If no of steps for THAs are less than max steps, given values shall be repeated till max steps for the THA.

Type

Cycle

AD2

Flexible observation time

true

Duration

30 Minutes

Split observations

true

Please validate proposal details.

Proposal details must be validated to enable submission. Validate first, go to previous steps to correct errors if any.

ValidateSubmit Proposal

review configuration

Previous

FIGURE 23- PROPOSAL SUMMARY

Aditya-L1 Proposal Processing System (ALPPS)

Save Draft

Id not assigned yet [New]

Do not press browser refresh or back button while creating or modifying proposal.

1. Basics

2. Cover Page

3. Instrument Configurations

4. Observation Time

5. Attachments

6. Verify and Submit

Proposal Details

review configuration

Id

USER1_AL1_25_00003

Instruments

Instrument configuration details

click button on right to toggle

Type

Cycle

A02

Flexible observation time

true

Duration

30 Minutes

Split observations

true

1. Instrument Configurations: no instrument selected.

2. Attachment supportingDoc: no file uploaded

1. Basics: success

2. Cover Page: success

3. Observation Time: success

Please validate proposal details.

Proposal details must be validated to enable submission. Validate first, go to previous steps to correct errors,if any.

Validate

Submit Proposal

This is final step to submit proposal. Verify all the information, validate proposal configurations and submit proposal here.

All the details shall be visible here if draft is saved. Detail instrument configuration panel is collapsed by default. Expand it to see all the inputs provided in earlier step.

Click validate button to validate all the configurations. Validation failure or success message shall be displayed step wise. In case of failure, go back to previous steps to change the inputs.

Submission button shall be enabled if proposal validation succeeds.

FIGURE 24 - VALIDATION FAILURE

THM-1

Mode: Single Energy Mode

No of Steps: 1

Energy Steps: 100

THM-2

Mode: Single Energy Mode

No of Steps: 1

Energy Steps: 100

If no of steps for THMs are less than max steps, given values shall be repeated till max steps for this THM

Type

Cycle

A02

Flexible observation time

true

Duration

30 Minutes

Split observations

true

1. Basics: success

2. Cover Page: success

3. Observation Time: success

4. Instrument Configurations: success

5. Attachments: success

Please validate proposal details.

Proposal details must be validated to enable submission. Validate first, go to previous steps to correct errors,if any.

Validate

Submit Proposal

review configuration

Previous

Do not press browser refresh or back button while creating or modifying proposal.

Proposal draft is always saved when moving from one step to another.

THM-1

Mode: Single Energy Mode

No of Steps: 1

Energy Steps: 100

THM-2

Mode: Single Energy Mode

No of Steps: 1

Energy Steps: 100

If no of steps for THMs are less than max steps, given values shall be repeated till max steps for this THM

Type

Cycle

A02

Flexible observation time

true

Duration

30 Minutes

Split observations

true

1. Basics: success

2. Cover Page: success

3. Observation Time: success

4. Instrument Configurations: success

5. Attachments: success

Please validate proposal details.

Proposal details must be validated to enable submission. Validate first, go to previous steps to correct errors,if any.

Validate

Submit Proposal

review configuration

Previous

Do not press browser refresh or back button while creating or modifying proposal.

Proposal draft is always saved when moving from one step to another.

Success

Proposal Submitted

Ok

FIGURE 25 - VALIDATION SUCCESS, SUBMISSION

10.2 Search & View Proposal

One can search and view authored proposals under Proposals→Search view. Proposals can be searched by selecting one of the available criteria under Search Criteria block. Search criteria block can be minimized for better view. Search results are displayed in a data table below the criteria section. Search results are paginated; if result set is large then results are fetched page by page. Multiple page sizes are available for selection in the footer section of the table. Each column of the table has filter box to list only the matching results. Results can also be sorted by clicking the column headers. Search results can also be exported as PDF or XLS.

Aditya-L1 Proposal Processing System
propose observations to study solar atmosphere and solar winds by Aditya-L1

Home Proposals Schedule

Create Search Revisions

Search Criteria

select one of the field to list proposals authored or co-authored by you

☒ Proposal Id contains

☐ Acceptance Id contains

☐ State Select [view state diagram](#)

☐ Instrument ☐ ASPEX SWIS ☐ PAPA ☐ SUIT ☐ VELC CONT ☐ VELC IR ☐ VELC SPEC1 ☐ VELC SPEC2

☐ Title contains

☐ Submission select range

☐ Cycle start typing or select cyc

- Proposal can be searched based on various fields. Further, proposals can be filtered in the listing table.
- Once saved as draft or submitted, proposal shall have unique user specific id assigned. Acceptance id shall only be available if the proposal is accepted for observation.
- All the string based search accepts empty values. All the proposals would be listed for empty values.
- Actions at the bottom of list tables are enabled on selection of a proposal.
- Proposal can be modified or deleted only if it is in Draft state.
- One can copy existing proposal configuration to create similar new proposal.
- Search result list can be exported in PDF and XLSX format.
- Search criteria panel can be minimized by clicking the title to focus on search results.

Proposals
Timezone is UTC, date time format is YYYY/MM/DD HH:mm:ss

<https://local3.issdc.gov.in:8181/mpps/auth/proposals.xhtml?activeMenu=1#proposal-main-content:proposal-list-tab>

| Observation Time |
|------------------|
|------------------|

FIGURE 26 - SEARCH CRITERIA

Aditya-L1 Proposal Processing System (ALPPS)

Aditya-L1 Proposal Processing System

propose observations to study solar atmosphere and solar winds by Aditya-L1

User1 [Logout]

24/06/2025 05:18:37 UTC

Home | Proposals | Schedule

Create | Search | Revisions

+ Search Criteria

Proposals

Timezone is UTC, date time format is YYYY/MM/DD HH:mm:ss

PDF | XLSX | Columns

| Type TF | Cycle TF | State TF | Id TF | Acceptance Id TF | Observation Time TF | Instruments | Modified On TF |
|---------|----------|-----------|--------------------|------------------|---------------------|--------------------|---------------------|
| All | All | All | | | | | |
| ToO | NA | Draft | USER1_AL1_25_00004 | | 0 Seconds | [velc_spec1, suit] | 2025/06/24 05:15:41 |
| Regular | A02 | Submitted | USER1_AL1_25_00003 | | 30 Minutes | [aspep_swis] | 2025/06/23 09:00:51 |
| Regular | A02 | Draft | USER1_AL1_25_00002 | | 0 Seconds | [] | 2025/06/23 08:50:06 |
| Regular | A02 | Draft | USER1_AL1_25_00001 | | 0 Seconds | [] | 2025/06/23 08:47:53 |

1 of 1 (4 records) << < 1 > >> 10

View | Modify | Delete | Copy

select proposal from table to enable actions

FIGURE 27 - SEARCH RESULTS

Once search results are displayed in the result table, user can select individual proposal and view the details by clicking View button at in the footer section of the table. This would open a dialogue with all the details of the proposal. Proposal view details are also organized in line with the proposal creation process.

Aditya-L1 Proposal Processing System

propose observations to study solar atmosphere and solar winds by Aditya-L1

User1 [Logout]

24/06/2025 05:19:28 UTC

Home | Proposals | Schedule

Create | Search | Revisions

+ Search Criteria

Proposals

Timezone is UTC, date time format is YYYY/MM/DD HH:mm:ss

PDF | XLSX | Columns

| Type TF | Cycle TF | State TF | Id TF | Acceptance Id TF | Observation Time TF | Instruments | Modified On TF |
|---------|----------|-----------|--------------------|------------------|---------------------|--------------------|---------------------|
| All | All | All | | | | | |
| ToO | NA | Draft | USER1_AL1_25_00004 | | 0 Seconds | [velc_spec1, suit] | 2025/06/24 05:15:41 |
| Regular | A02 | Submitted | USER1_AL1_25_00003 | | 30 Minutes | [aspep_swis] | 2025/06/23 09:00:51 |
| Regular | A02 | Draft | USER1_AL1_25_00002 | | 0 Seconds | [] | 2025/06/23 08:50:06 |
| Regular | A02 | Draft | USER1_AL1_25_00001 | | 0 Seconds | [] | 2025/06/23 08:47:53 |

1 of 1 (4 records) << < 1 > >> 10

View | Modify | Delete | Copy

select proposal from table to enable actions

Proposal Details

Basics +

Cover Page +

Observation Time +

Instrument Configurations +

Expected Data Rate, Volume +

Attachments +

Review +

POC Inputs +

Observation Planning +

Data Availability +

History +

Download

FIGURE 28 - PROPOSAL DETAILS - 1

Additionally, following information shall also be available on the view dialog

- Expected data rate and the volume – for VELC and SUIT expected data rates and the resultant volume for the proposal configuration is displayed
- Review – committee review remarks are displayed
- POC inputs – for SUIT, ROIs are updated by POC, those inputs shall be available under this section
- Observation Planning – once observation is partially or completely planned and have the time allocation, details about each planned slot shall be visible under this section

Aditya-L1 Proposal Processing System (ALPPS)

- Data Availability – if any of the planned observation is completed and processed data is available under PRADAN, this section shall display PRADAN portal link.
- History – various actions on the proposal are displayed here in chronological order, e.g. submitted, review, planned etc.

Proposal Details

Basics

| | |
|----------------------------|--|
| Author | User1 Ji |
| Id | USER1_AL1_25_00004 |
| Accepted Id | |
| State | Draft, acquired on 2025-06-24T05:12:08.320 |
| Type | Target of opportunity |
| Related Proposals | none |
| Coproposers | |
| Registered Users | none |
| UnRegistered Users | none |
| Is coordinated observation | No |
| Observatories | none |

Cover Page

+

Observation Time

+

Instrument Configurations

+

Expected Data Rate, Volume

+

Attachments

+

Review

+

POC Inputs

+

Observation Planning

+

Data Availability

+

History

+

Download

FIGURE 29 - PROPOSAL DETAILS - 2

Proposal Details

Basics

+

Cover Page

+

Observation Time

+

Instrument Configurations

—

VELC

Spectroscopy

Mode

Sit & Stare

Slit Position

0 μm

0

VELC SPEC1

Spectroscopy

Label

velc_spec1

Detector

5303 Å, Fe XIV

Exposure Time (ms)

100072.8

Snapshot / Frame Binning

Snapshot

No of Frames to skip

10

Spatial Binning / ROI / Occulter

No Binning

Spatial Binning

1x1

High Gain

10x

Low Gain

1x

Gain Frame

Simultaneous

SUIT

Mode of Operations

Synoptic4Output

Sequence

1

Feature of Interest

Active Regions

Track ROIs

false

ROI size

704x704

FIGURE 30 - PROPOSAL DETAILS – 3

Proposal Details

Basics +

Cover Page +

Observation Time +

Instrument Configurations +

Expected Data Rate, Volume -

VELC

Data Rate in Mbps

| | |
|--------------|-------------------|
| Chain-1 Rate | 0.0908 / 235.0000 |
| Chain-2 Rate | 0.0908 / 235.0000 |

Data Volume in Gib

| | |
|--------|-------------------|
| Volume | 0.1634 / 100.0000 |
|--------|-------------------|

Attachments -

Science Justification

Supporting Document

Review -

Remarks Inputs

POC Inputs +

Observation Planning +

Data Availability +

History +

[Download](#)

FIGURE 31 - PROPOSAL DETAILS - 4

10.3 Modify or delete a draft, copy proposal

Once user has searched and listed a proposal as per previous section and selected the proposal in the result table, in addition to view few more action button gets activated in the footer section.

Modify – an earlier saved draft proposal can be open for modification and submission by this action. Proposal shall be loaded under Create Proposal section. Rest all actions shall be same as Create proposal.

Delete – a proposal draft can be deleted with double confirmation from this action. Proposal with any other state will not enable this action.

Copy – a proposal configuration can be copied to create a new proposal by this action. New proposal with similar configuration shall be loaded in the Create Proposal section. Attachments and the observation time is not copied.

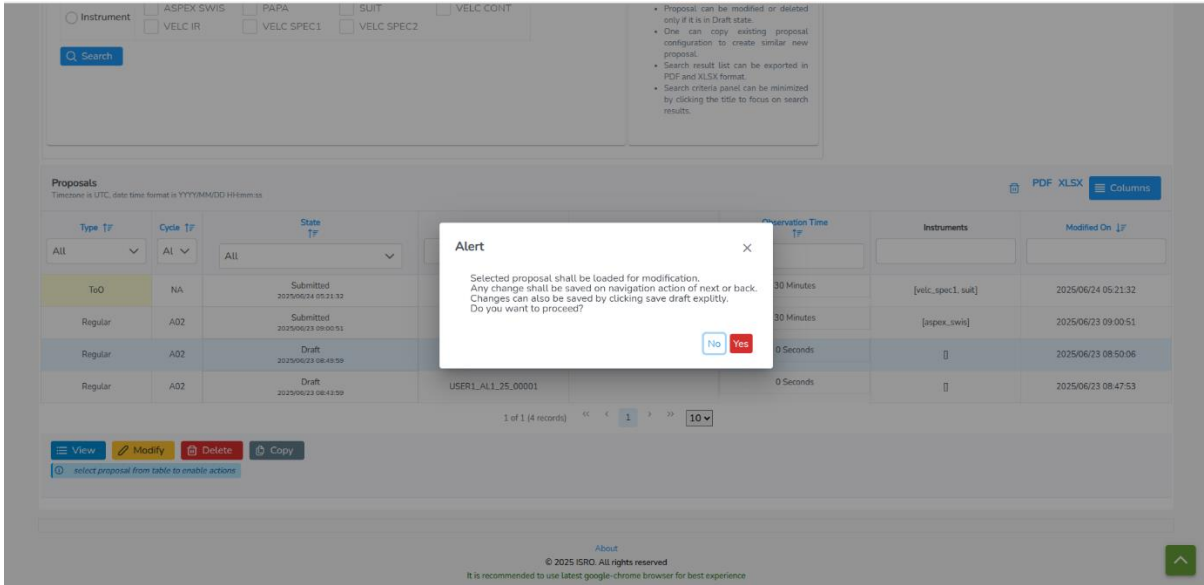


FIGURE 32 - PROPOSAL MODIFY – 1

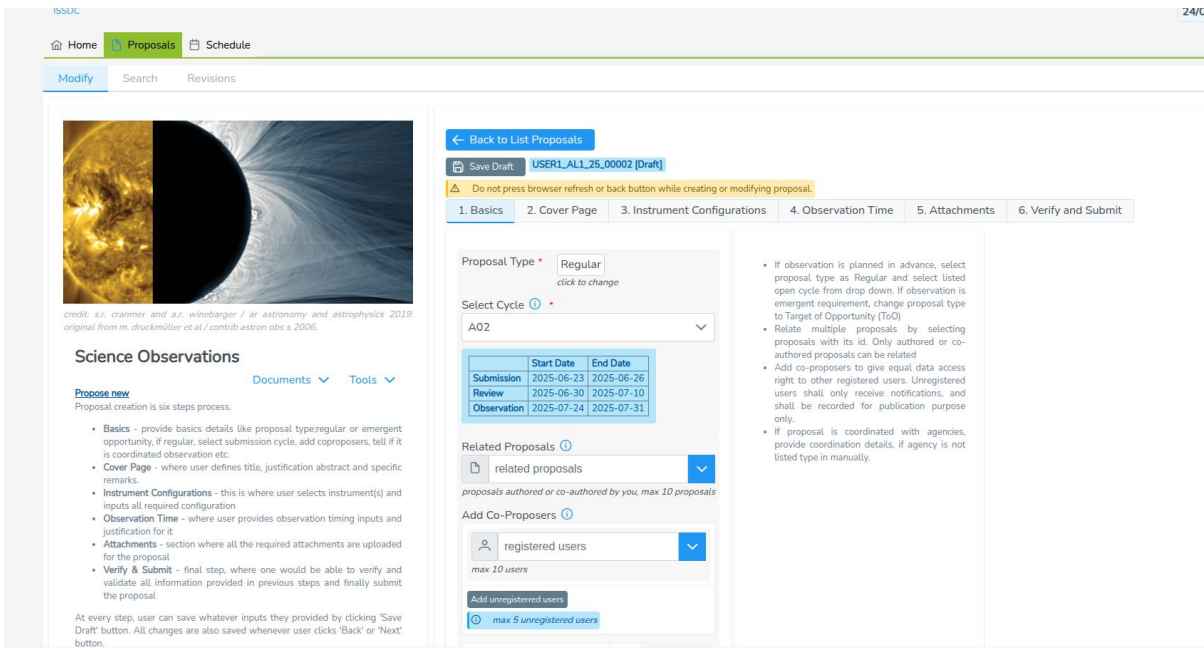


FIGURE 33 - PROPOSAL MODIFY - 2

10.4 Proposal Revision

After successful submission proposal is subjected to review by the ALTAC. ALTAC may accept or reject the proposal. Occasionally, ALTAC may send the proposal back to the proposer for minor revisions. ALTAC may decide to send the proposal for more than one times if required.

Aditya-L1 Proposal Processing System (ALPPS)

Please note that proposal revisions are time bound and the timeline is decided by the ALTAC chair while sending the proposal for revision. In general, it will be a very short timeline.

Proposal sent for revision, under revision or past proposal revisions can be accessed under Proposals→Revisions tab by the proposer. Proposer may reject or accept a pending revision request by the ALTAC under Proposals→Revisions→Inbox tab.

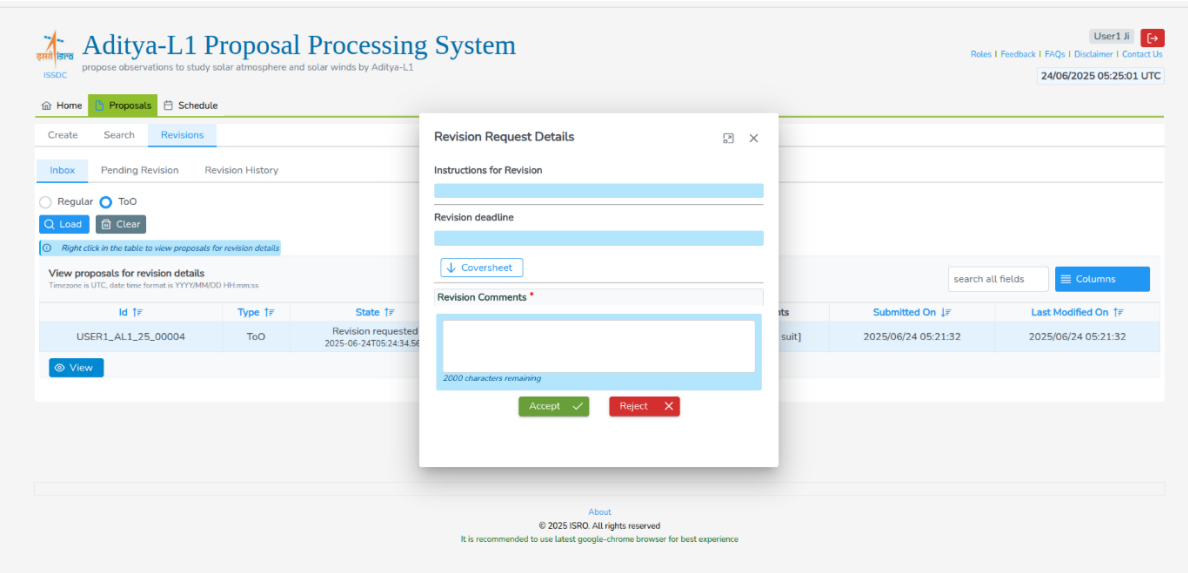


FIGURE 34 - PROPOSAL REVISION - INBOX

Once accepted, proposal can be revised by the proposer under Proposal→Revisions→Pending tab.

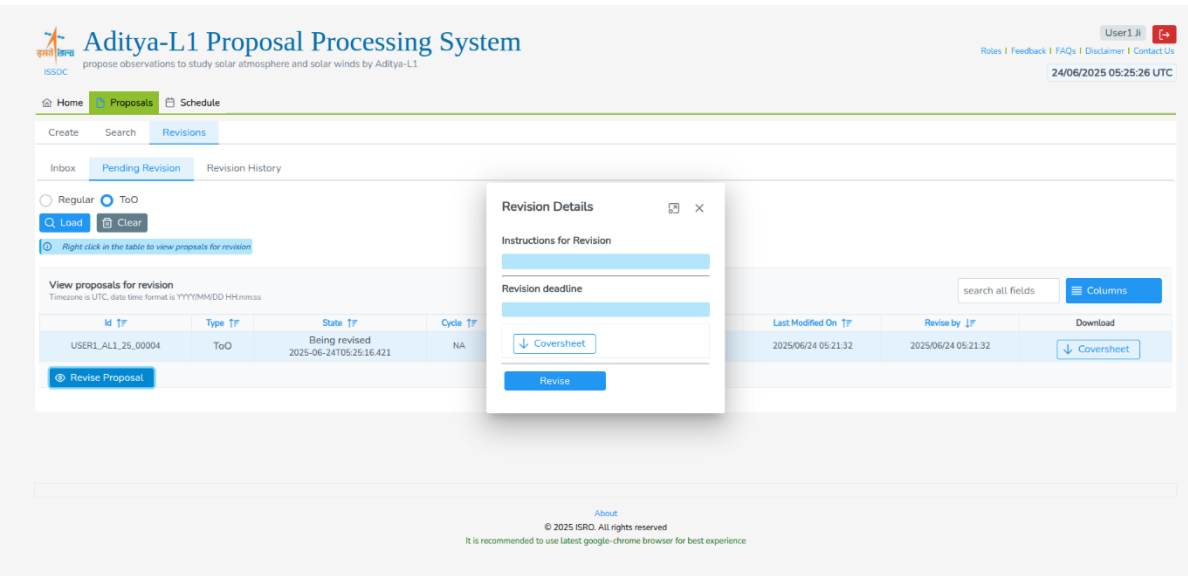


FIGURE 35 - PROPOSAL REVISION - PENDING

Proposer may select a proposal and load it for the revision. Revision process is similar to the proposal creation with values loaded from the previous submission. Revision history allows to view successive changes amongst multiple revisions of a proposal.

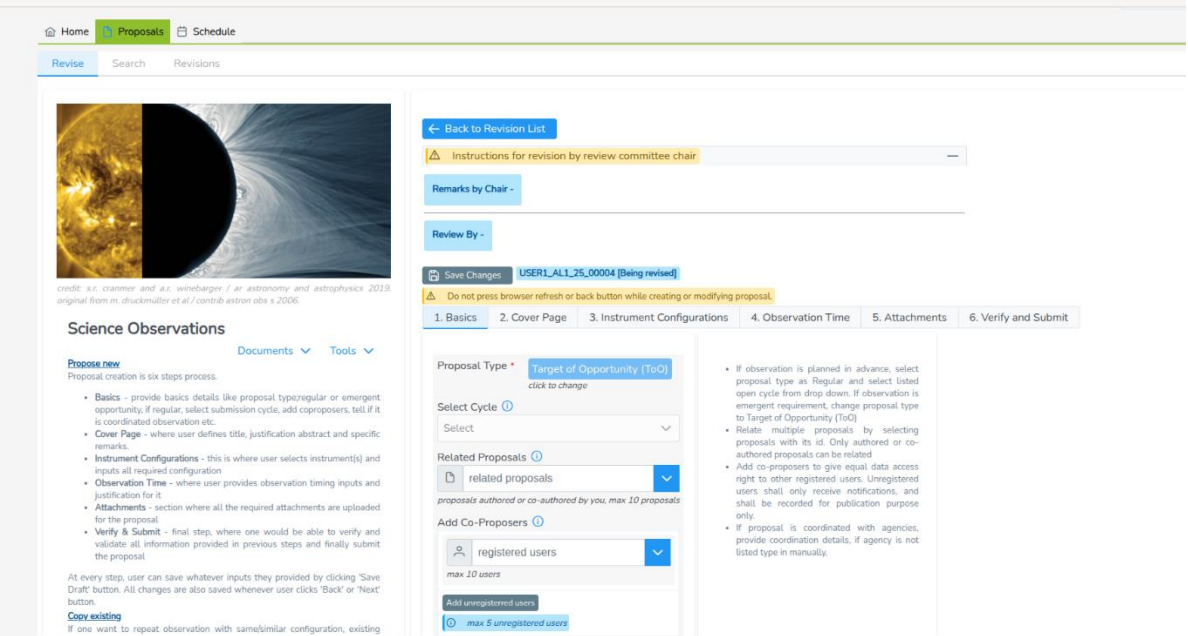


FIGURE 36 - PROPOSAL REVISION - BEING REVISED

Past proposal revisions can be seen under Proposals→Revisions→History tab.

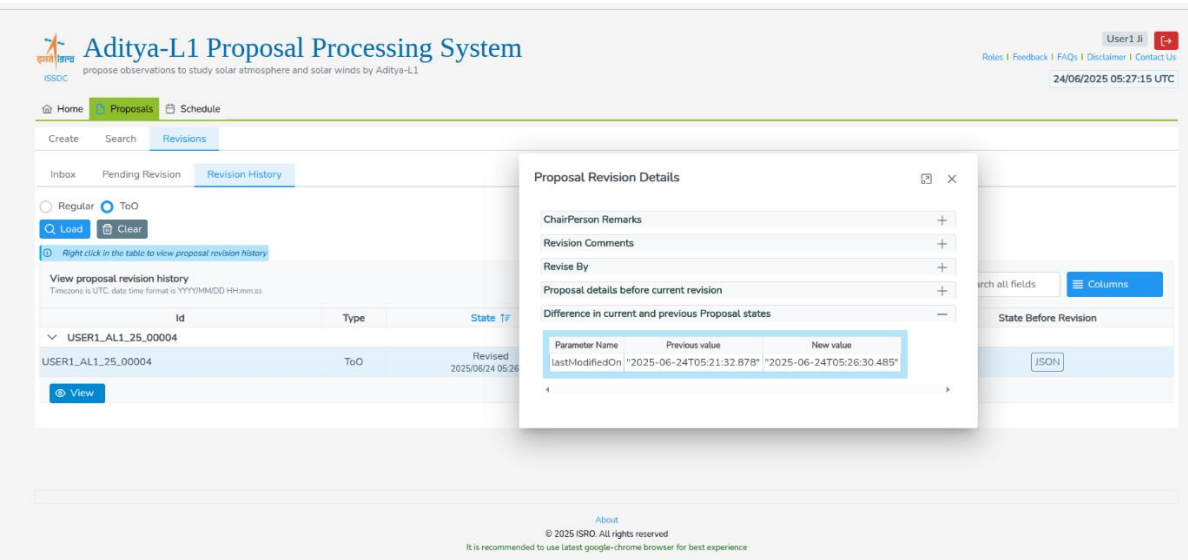


FIGURE 37 - REVISION HISTORY - 1

Inbox

Pending Revision

Revision History

Regular

ToO

Load

Clear

Right click in the table to view proposal revision history

View proposal revision history

Timezone is UTC, date time format is YYYYMMDD HH:mm:ss

search all fields

Columns

| Id | Type | State ↑ | Cycle | Revised On | State Before Revision |
|--------------------|------|----------------------|-------|---------------------|-----------------------|
| ADMIN_AL1_25_00085 | ToO | Revised | NA | 2025/06/13 10:28:22 | JSON |
| ADMIN_AL1_25_00084 | | | | | |
| ADMIN_AL1_25_00075 | ToO | Revised | NA | 2025/05/21 08:47:13 | JSON |
| ADMIN_AL1_25_00075 | ToO | Revised | NA | 2025/05/21 08:49:24 | JSON |
| ADMIN_AL1_25_00075 | ToO | Revised | NA | 2025/05/21 08:54:27 | JSON |
| ADMIN_AL1_25_00075 | ToO | Revised | NA | 2025/05/21 09:13:25 | JSON |
| ADMIN_AL1_25_00075 | ToO | Revised | NA | 2025/05/21 09:18:01 | JSON |
| ADMIN_AL1_25_00073 | ToO | Revised | NA | 2025/05/16 11:16:38 | JSON |
| ADMIN_AL1_25_00073 | ToO | Revised | NA | 2025/05/16 11:34:19 | JSON |
| ADMIN_AL1_25_00073 | ToO | Revised | NA | 2025/05/21 08:23:33 | JSON |

1 of 2 (19 records) 1 2 10

View

FIGURE 38 - REVISION HISTORY - 2

11 Schedule View

One can check the already planned proposals and their details within a given time window under the Schedule tab from the main navigation bar. One may search the schedule for a given time range and check the proposal details by clicking the proposal link.

Home

Proposals

Schedule

POC Functions

Review

Observation Planning

Operations

Administration

Observations

Search

6/9/2025 - 6/25/2025

Select date range to search planned observations

Search

Planned Observations

Timezone is UTC, date time format is YYYYMMDD / HH:mm:ss

PDF XLSX

search all fields

Columns

| Start Date ↑ | Start Time ↑ | End Date | End Time | Instrument ↑ | Proposal ↑ |
|---------------------------|---------------------------|------------|----------|---------------------------|-------------------------|
| 2025-06-08 | 00:08:00 | 2025-06-08 | 00:48:00 | SUIT | C25_0178 |
| 2025-06-08 | 00:30:00 | 2025-06-08 | 01:05:00 | VELC_SPEC1 | T25_0895 |
| 2025-06-08 | 00:56:00 | 2025-06-08 | 01:05:00 | SUIT | C25_0208 |
| 2025-06-08 | 01:13:00 | 2025-06-08 | 22:30:00 | SUIT | T25_0800 |
| 2025-06-08 | 01:15:00 | 2025-06-08 | 01:50:00 | VELC_SPEC1 | T25_0856 |
| 2025-06-08 | 02:00:00 | 2025-06-08 | 11:05:00 | VELC_SPEC1 | T25_0857 |
| 2025-06-08 | 11:15:00 | 2025-06-08 | 11:50:00 | VELC_SPEC1 | T25_0858 |
| 2025-06-08 | 12:00:00 | 2025-06-08 | 12:35:00 | VELC_SPEC1 | T25_0859 |
| 2025-06-08 | 12:45:00 | 2025-06-08 | 21:50:00 | VELC_SPEC1 | T25_0860 |
| 2025-06-08 | 22:00:00 | 2025-06-08 | 22:35:00 | VELC_SPEC1 | T25_0861 |

1 of 14 (134 records) 1 2 3 4 5 6 7 8 9 10 10

Aditya-L1

ISRO
ISDC
Data - PRADAN
Support Cell

Payloads

VELC
SUIT
ASPEX
SOLEX
SOLAR

Partners

IA
IUCAA

ISRO / DOS

ISRO
ISDC
URSC
PRL

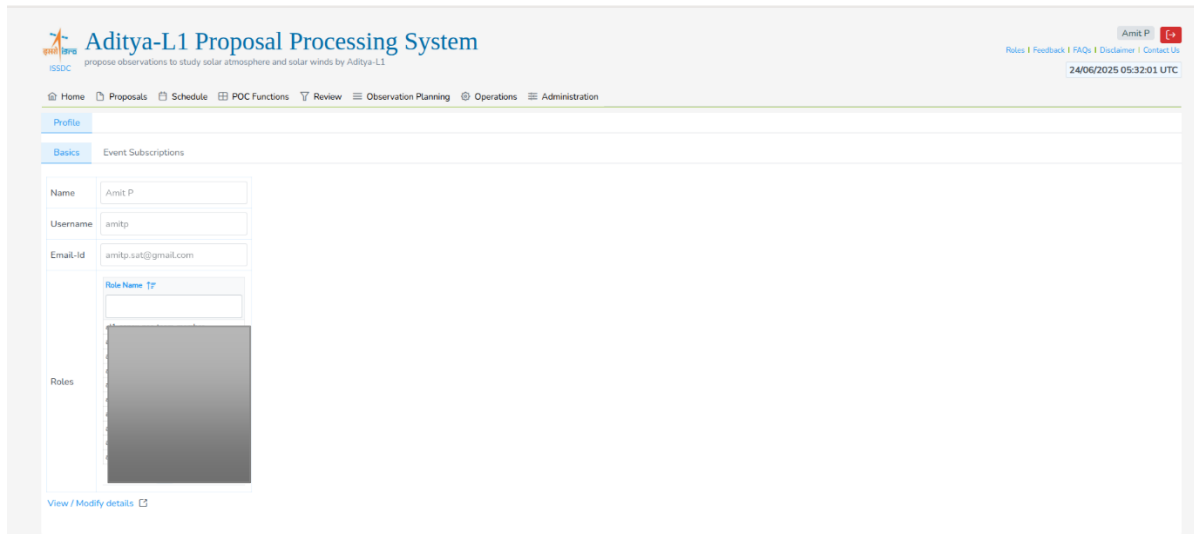
FIGURE 39 - SCHEDULE VIEW

12 Profile

User can access the profile section by clicking the username displayed on right top of the page view header.

12.1 Basics

User can see the basic information like username, primary email id and assigned roles under this section. A link at the bottom is provided to update the user profile, which redirects to the ISSDC Identity Management Service user account management page.



The screenshot displays the 'Aditya-L1 Proposal Processing System' interface. The header includes the ISSDC logo and the system name. A navigation menu is located below the header. The 'Profile' section is active, showing the 'Basics' tab. The profile information is as follows:

| Field | Value |
|-----------|---------------------|
| Name | Amit P |
| Username | amitp |
| Email-Id | amitp.sut@gmail.com |
| Role Name | Tr |

Below the role name field, there is a section for 'Roles' which is currently empty. At the bottom of the profile section, there is a link to 'View / Modify details'.

FIGURE 40 - PROFILE - BASICS

12.2 Notifications

User shall receive notifications of important state changes to his/her proposals. Notifications are subscription based; user shall receive notification for the event type only if he/she has subscribed to it. User may select event type to subscribe or unsubscribe from the available lists.

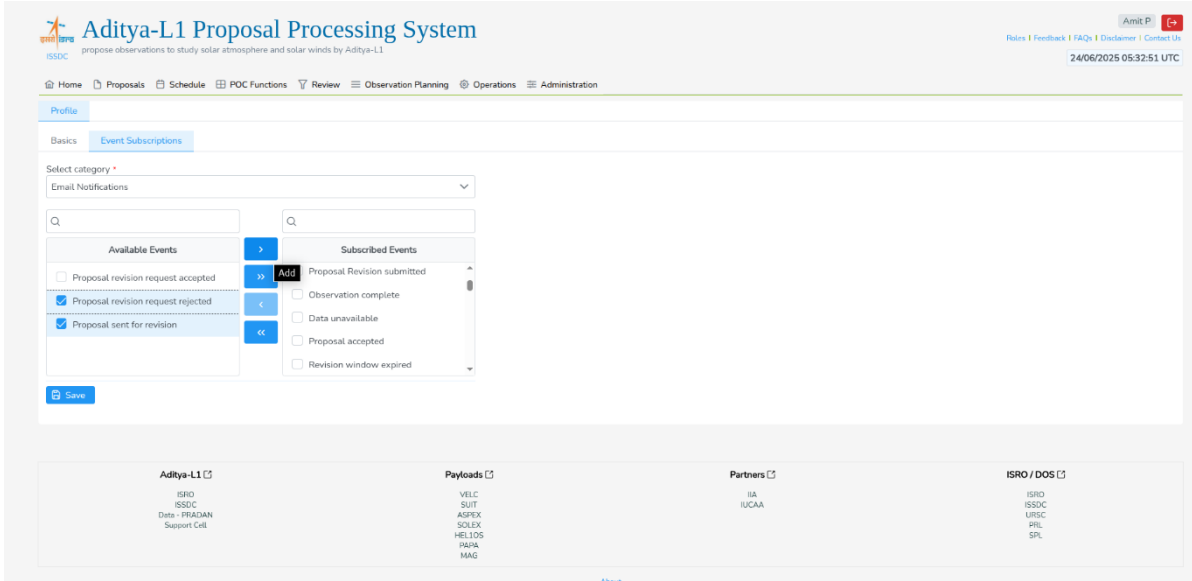


FIGURE 41 - PROFILE NOTIFICATION SUBSCRIPTIONS

13 Feedback

A registered user may provide feedback or query the ALPPS team in the context of a submitted proposal. This shall send an email containing the details to the ALPPS team and to the Aditya-L1 Support Cell. Feedback action is rate limited.

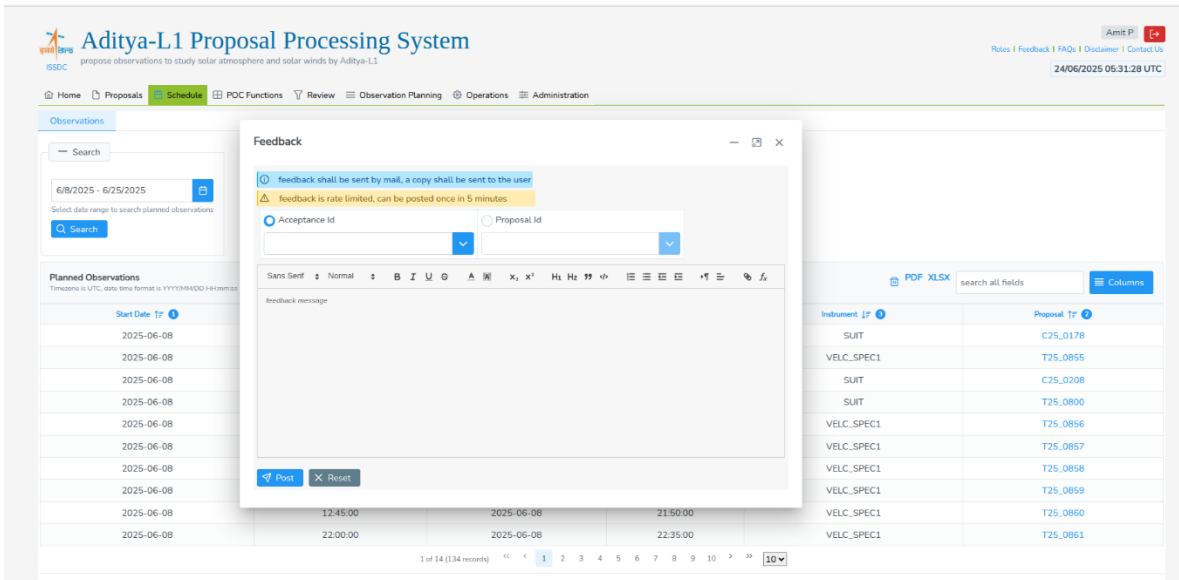


FIGURE 42 – FEEDBACK

14 Contact Us

In case of any query user may directly contact ISSDC (issdc@istrac.gov.in), Aditya-L1 Support Cell (<https://al1ssc.aries.res.in>) or POC of the payload. Detailed contact details are available under Contact Us link on ALPPS top right menu.