

# JWST Proposing Open House Part 2 - Grism Observing

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## Astronomer's Proposal Tool (APT) Step-by- Step Guide for NIRISS WFSS



## Goal

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We will be using the ETC example for NIRISS WFSS to demonstrate a step-by-step creation of an APT file covering some basic APT functionality for proposal submission



# Creating a new JWST Proposal

The screenshot shows the Astronomer's Proposal Tools (APT) software interface. The 'File' menu is open, displaying options such as 'New', 'Open...', 'Open Recent', 'Retrieve from STScI', 'JWST Demonstration Proposals', 'JWST Example Science Proposals', 'Close', 'Close All', 'Save', 'Save As...', 'Save All', 'Revert', 'Reveal on Desktop', 'Import', 'Export...', 'JWST Scripting Console...', 'Page Setup...', and 'Print'. The main window title is 'Astronomer's Proposal Tools Version 27.2'. The interface includes a toolbar with icons for 'View in Aladin', 'BOT', 'Target Confirmation', 'PDF Preview', 'Submission', and 'Errors and Warnings'. The main content area displays the following text:

## Astronomer's Proposal Tools

Version 27.2

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- This software has made use of the Aladin Sky Atlas (<http://aladin.u-strasbg.fr/>) developed at the *Centre de Données astronomiques de Strasbourg* (CDS – <http://cdsweb.u-strasbg.fr/>)
- This software has made use of the SIMBAD database, operated at CDS, Strasbourg, France.
- This software has made use of the NASA/IPAC Extragalactic Database (NED) which is operated by the Jet Propulsion Laboratory, California Institute of Technology, under contract with the National Aeronautics and Space Administration.
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# Creating a new JWST Proposal

The screenshot shows the Astronomer's Proposal Tools (APT) Version 27.2 interface. The title bar reads "Astronomer's Proposal Tools Version 27.2 - JWST Draft Proposal (Unsaved)". The menu bar includes "APT", "File", "Edit", "Tools", "Form Editor", "HST Help", and "JWST Help". The toolbar contains icons for "Form Editor", "Spreadsheet Editor", "Orbit Planner", "Visit Planner", "Timeline", "View in Aladin", "BOT", "Target Confirmation", "PDF Preview", "Submission", and "Errors and Warnings". The status bar at the top right shows "Mon Dec 9 11:38:00 AM" and "17%".

The main window is titled "JWST Draft Proposal (Unsaved)" and contains a sidebar on the left with a tree view showing "Proposal Information", "Targets", "Observations", and "Observation Links". The main content area is titled "Proposal Information of JWST Draft Proposal (Unsaved)" and contains several form fields:

- Title** and **Abstract**: Both fields are marked with a red 'X' icon, indicating they are required and currently empty.
- Remaining characters: 1700**: A label indicating the character count for the abstract.
- Proposal ID**: A text input field.
- Category**: A dropdown menu with "GO" selected, and radio buttons for "Calibration" and "Treasury".
- Pure Parallel Proposal**: A checkbox.
- Cycle**: A dropdown menu with "1" selected.
- Science Time (hours)**: A text input field with "0.00".
- Charged Time (hours)**: A text input field with "0.00".
- Data Volume (MB)**: A text input field with "0.00".
- Proposal Size**: A dropdown menu with "SMALL" selected.
- Exclusive Access Period**: A dropdown menu with "Default" selected, with a note "Default is 12 Months".
- Allow Restricted**: A checkbox with "(this session only)" below it.
- Scientific Category**: A dropdown menu with "None Selected".
- Science Keywords**: A text input field with "/ -".
- Alternate Category**: A dropdown menu with "None Selected" and "(Optional)" to its right.
- PDF Attachment**: A text input field with a "Browse..." button to its right.

At the bottom of the window, there are navigation buttons: "Edit Previous", "New", and "Edit Proposal Description". A status bar at the bottom right shows "9 errors & warnings (Click for Details)".



# Defining Proposal Information

Astronomer's Proposal Tools - Version 27.2 - JWST Draft Proposal (Unsaved)

Form Editor | Spreadsheet Editor | Orbit Planner | Visit Planner | Timeline | View in Aladin | DOT | Target Confirmation | PDF Preview | Submission | Errors and Warnings

New Document | New Co-I

What's New | Roadmap | Feedback

**JWST Draft Proposal (Unsaved)**

- Proposal Information
- Targets
- Observations
- Observation Links

**Proposal Information of JWST Draft Proposal (Unsaved)**

Title: NIRISS WFSS  
Abstract: NIRISS WFSS - Abstract

Remaining characters: 1678

Proposal ID:

Category:  GO  Calibration  Treasury

Pure Parallel Proposal:

Cycle:   
[Explain unschedulable observations](#)

Science Time (hours):   
Charged Time (hours):   
Data Volume (MB):   
[Request custom time allocation](#)  
[Future cycles](#)

Proposal Size:

Exclusive Access Period:

Allow Restricted:

Scientific Category: 

- Solar System
- Planets and Planet Formation
- Stellar Physics
- Stellar Populations
- Galaxies and the IGM
- Massive Black Holes And Their Host Galaxies
- Cosmology

Science Keywords:   
Choose 2 to 5 science keywords.

Alternate Category:  (Optional)

PDF Attachment:  [Browse...](#)

[Edit Previous](#) | [New](#) | [Edit Proposal Description](#)

7 errors & warnings (Click for Details)



# Defining Proposal Information

The screenshot displays the 'Proposal Information of JWST Draft Proposal (Unsaved)' window. The main form contains the following fields:

- Title: NIRISS WFSS
- Abstract: NIRISS WFSS – Abstract
- Remaining characters: 1678
- Proposal ID: [Empty]
- Category: GO (with sub-options for Calibration and Treasury)
- Pure Parallel Proposal: [Checked]
- Cycle: 1
- Science Time (hours): 0.00
- Charged Time (hours): 0.00
- Data Volume (MB): 0.00
- Proposal Size: SMALL
- Exclusive Access Period: Default (with note: Default is 12 Months)
- Allow Restricted: (this session only)
- Scientific Category: Galaxies and the IGM
- Science Keywords: +/- Galaxies Environments, Galaxy Formation and Evolution
- Alternate Category: None Selected (Options: [Empty])
- PDF Attachment: [Empty] (with Browse... button)

A 'Science Keywords' dialog box is open, showing a list of keywords with checkboxes:

- Bulges, Spheroids, and Ellipticals
- Chemical Abundances
- Circumgalactic Medium
- Cooling Flows
- Damped Lyman-Alpha Absorption
- Dark Matter Halos
- Disks
- Dust
- Dwarf Galaxies
- Emission-Line Galaxies
- Galaxy Environments
- Galaxy Formation and Evolution
- Gunn-Peterson Effect
- Interacting/Merging Galaxies
- IR-Luminous Galaxies
- Irregular Galaxies
- Local Group Galaxies
- Lyman-Alpha Forest
- Magellanic Clouds
- Metal Absorption Systems
- Photometric Redshifts
- Quenched Galaxies
- Scaling Relations
- Simulations and Models
- Spectral Energy Distributions
- Star Clusters
- Star-Formation Histories
- Starburst Galaxies
- Stellar Halos
- Stellar Populations
- Structure and Morphology

The dialog box has an 'OK' button at the bottom.



# Defining Proposal Information

Astronomer's Proposal Tools Version 27.2 - JWST Draft Proposal (Unsaved)

Form Editor Spreadsheet Editor Orbit Planner Visit Planner Timeline View in Aladin BOT Target Confirmation PDF Preview Submission Errors and Warnings

New Document New Co-I

What's New Roadmap Feedback

JWST Draft Proposal (Unsaved)

- Proposal Information
- Proposal Description
- Team Expertise
- PI: Elizabeth Nance
- Col: Mr. Anthony Josue Roman
- Targets
- Observations
- Observation Links

Team Expertise of JWST Draft Proposal (Unsaved)

Team Expertise and Background

NIRISS WFSS - Team expertise and background

Edit Proposal Description New Edit PI: Elizabeth Nance

1 errors & warnings (Click for Details)

ST&I SPACE TELESCOPE SCIENCE INSTITUTE



# Defining Proposal Information

Astronomer's Proposal Tools Version 27.2 - JWST Draft Proposal (Unsaved)

Form Editor | Spreadsheet Editor | Orbit Planner | Visit Planner | Timeline | View in Aladin | 3DT | Target Confirmation | PDF Preview | Submission | Errors and Warnings

New Document | New Co-I

Run All Tools | Stop

What's New | Roadmap | Feedback

JWST Draft Proposal (Unsa... | Unnamed PI of JWST Draft Proposal (Unsaved)

Proposal Information

- Proposal Description
- Team Expertise
- Unnamed PI
- Unnamed Col


Targets

- Fixed Targets
- 1 GOODS

Observations

- Observation Links

Is your address not found? Other questions? [Address FAQ](#)

 Enter a partial name and hit return:

Name Search

Full Name

Employer Institution

Email

US Admin Col: None Selected

Contact:

[Update This Address](#)

Edit Team Expertise | New | Edit Unnamed Col

5 errors & warnings (Click for Details)





# Defining Proposal Information

The screenshot displays the JWST Draft Proposal software interface. At the top, a menu bar includes options like 'Form Editor', 'Spreadsheet Editor', 'Table Planner', 'Visit Planner', 'Timeline', 'View in Aladin', 'BET', 'Target Confirmation', 'PDF Preview', 'Submission', and 'Errors and Warnings'. A toolbar on the right contains 'What's New', 'Roadmap', and 'Feedback' icons. The main window title is 'Unnamed PI of JWST Draft Proposal (Unsaved)'. A dialog box titled 'Investigators currently in our database:' is open, showing a list of investigators on the left and a preview of the selected investigator on the right. The list includes:

- Nance, Elizabeth from Space Telescope Science Institute
- Nance, Tawanta from Space Telescope Science Institute
- Naing, Su from California Institute of Technology
- Nemec, James from Camosun College
- Niemiec, Anna from University of Michigan
- Niemiec, Dr. Jacek from Institute of Nuclear Physics
- Ning, Yuanhang from Peking University
- Nunez, Dr. Alejandro from Columbia University in the City of New York
- Nunez, Luis Ernesto from California State Polytechnic University, Pomona

The selected investigator, Elizabeth Nance, has the following details displayed:

- Elizabeth Nance
- Space Telescope Science Institute
- enance@stsci.edu

Buttons at the bottom of the dialog include 'Cancel', 'Update This Address', 'Add a New Investigator', and 'Select'. A tooltip below the dialog reads: 'Choose the selected record and insert data into proposal'. At the bottom of the main window, there are buttons for 'Edit Team Expertise', 'New', and 'Edit Unnamed Col'. A status bar at the bottom right shows '5 errors & warnings (Click for Details)'.



# Defining Fixed Target

The screenshot displays the 'Targets of JWST Draft Proposal (Unsaved)' window. On the left, a sidebar shows a tree view with 'Targets' selected. The main panel, titled 'Targets', contains several buttons for target management:

- Fixed Target Resolver**: Resolve a target name or position
- New Fixed Target**: Create a new Fixed Target. Below this button is a yellow button labeled 'Create a new Fixed Target'.
- New Target Group**: Create a new Target Group
- New Solar System Target**: Create a new Solar System Target
- New Generic Target**: Create a new Generic Target
- Import Targets...**: Import Fixed Targets from whitespace, CSV, TSV, or VOTable

At the bottom of the window, there is a status bar with the text 'Edit Unnamed Col', 'New', and 'Edit Observations'. In the bottom right corner, there is a red 'X' icon and the text '0 errors & warnings (Click for Details)'.



# Defining Fixed Target

Astronomer's Proposal Tools Version 27.2 - JWST Draft Proposal (NIRISSWFSS (2).aptx)

Form Editor | Spreadsheet Editor | Orbit Planner | Visit Planner | Timeline | View in Aladin | DOT | Target Confirmation | PDF Preview | Submission | Errors and Warnings

New Document | New

What's New | Roadmap | Feedback

**1 GOODS of JWST Draft Proposal (NIRISSWFSS (2).aptx)**

Number: 1

Name in the Proposal: GOODS (unique within proposal)

Name for the Archive: GOODS (standard resolvable name)

Category: Unidentified

Description: +/- Blank field

Choose 1 to 5 items after selecting a category.

J2000 Coordinates (ICRS) RA: 03 32 28.0000 Dec: -27 48 30.00

Uncertainty RA: [ ] Arcsec Dec: [ ] Arcsec

Proper Motion RA: [ ] None Selected Dec: [ ] None Selected

Epoch: [ ]

Annual Parallax (arcsec): [ ]

Extended: Unknown Recommended for spectroscopy (for advice to data reduction pipeline)

**Background Target**  
Observations of this target require companion background observation(s)

This object was generated by the targetselector and retrieved from the SIMBAD database.

Comments: [ ]

Edit Fixed Targets | New | Edit Observations

3 errors & warnings (Click for Details)



# Creating New Observation

The screenshot displays the Astronomer's Proposal Tools (APT) Version 27.2 interface. The window title is "Astronomer's Proposal Tools Version 27.2 - JWST Draft Proposal (Unsaved)". The interface includes a menu bar with options like "Form Editor", "Spreadsheet Editor", "L2DRI Planner", "Visit Planner", "Timeline", "View in Aladin", "ROT", "Target Confirmation", "PDF Preview", "Submission", and "Errors and Warnings". A toolbar at the top right contains "Run All Tools" and "Stop". The main workspace is titled "Observations of JWST Draft Proposal (Unsaved)" and contains the text "Observations" and a "New Observation Folder" button with the label "Create a new Observation Folder".

The left sidebar shows a tree view of the proposal structure:

- JWST Draft Proposal (Unsaved)
  - Proposal Information
  - Proposal Description
  - Team Expertise
  - PI: Elizabeth Nance
  - Col: Mr. Anthony Josue Roman
  - Targets
    - Observations
      - NIRISS WFSS
        - NIRISS WFSS (Obs 1)
          - Visit 1:1
    - Observation Links

The bottom status bar shows "Edit 1 GOODS", "New", and "Edit NIRISS WFSS". A red error icon in the bottom right corner indicates "1 errors & warnings (Click for Details)".



# Creating New Observation

Astronomer's Proposal Tools Version 27.2 - JWST Draft Proposal (Unsaved)

Form Editor | Spreadsheet Editor | Orion Planner | Visit Planner | Timeline | View in Aladin | RST | Target Confirmation | PDF Preview | Submission | Errors and Warnings

New Document | New

Run All Tools | Sign Out | What's New | Roadmap | Feedback

JWST Draft Proposal (Unsaved)

- Proposal Information
  - Proposal Description
  - Team Expertise
    - PI: Elizabeth Nance
    - Col: Mr. Anthony Josue Romar
- Targets
  - Fixed Targets
    - 1 GOODS
  - Observations
    - NIRISS WFSS
      - NIRISS WFSS (Obs 1)
    - Observation Links

NIRISS WFSS (Obs 1) of JWST Draft Proposal (Unsaved)

Number: 1 | Status: | Duplication

Label: NIRISS WFSS

Instrument: NIRISS

Template:  None Selected  
 NIRISS Imaging  
 NIRISS Wide Field Slitless Spectroscopy  
 NIRISS Single-Object Slitless Spectroscopy  
 NIRISS Aperture Masking Interferometry

Target:  NIRISS Wide Field Slitless Spectroscopy

Visit Splitting:

	Science	Total Charged
Duration (secs)	0	0
Data Volume	0 MB	

Template Properties | Special Requirements | Comments

Once a Template has been selected, template properties may be selected.

Edit NIRISS WFSS | New | Edit Observation Links



# Creating New Observation

Astronomer's Proposal Tools Version 27.2 - JWST Draft Proposal (Unsaved)

Form Editor | Spreadsheet Editor | Orbit Planner | Visit Planner | Timeline | View in Aladin | IIOT | Target Confirmation | PDF Preview | Submission | Errors and Warnings

New Document | New

Run All Tools | What's New | Roadmap | Feedback

### JWST Draft Proposal (Unsaved)

- Proposal Information
  - Proposal Description
  - Team Expertise
  - PI: Elizabeth Nance
  - Col: Mr. Anthony Josue Romar
- Targets
  - Fixed Targets
    - 1 GOODS
  - Observations
    - NIRISS WFSS
      - NIRISS WFSS (Obs 1)
    - Observation Links

### NIRISS WFSS (Obs 1) of JWST Draft Proposal (Unsaved)

Number: 1 | Status: UNKNOWN | Duplication

Label: NIRISS WFSS

Instrument: NIRISS

Template: NIRISS Wide Field Slitless Spectroscopy

Coordinated Parallel: None Selected

Target: 1 GOODS

Visit Splitting	Splitting Distance	Number of Visits
40.0 Arcsec		1

Duration (secs): 0 | Science: | Total Charged: 2490

Data Volume: 45 MB

NIRISS Wide Field Slitless Spectroscopy | Mosaic Properties | Special Requirements | Comments

#### Science Observation

Image Dithers: 4 | Pattern Size: MEDIUM

#	Grism	Filter	Readout Pattern	Groups/Int	Integrations/Exp	ETC Wkbk.Calc ID	ETC
Sequences							

Add | Duplicate | Insert Above | Remove

#### Direct Image Exposure Parameters

#	Readout Pattern	Groups/Int	Integrations/Exp	ETC Wkbk.Calc ID	ETC
Direct Images					

Use NIRISS imaging mode in the JWST ETC to calculate exposure parameters for Direct Imaging.

#### All Exposures Display

#	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
Exposures										



# Creating New Observation

Astronomer's Proposal Tools Version 27.2 - JWST Draft Proposal (Unsaved)

Form Editor | Spreadsheet Editor | Orbit Planner | Visit Planner | Timeline | View in Aladin | BOT | Target Confirmation | PDF Preview | Submission | Errors and Warnings

New Document | New | What's New | Roadmap | Feedback

**JWST Draft Proposal (Unsaved)**

- Proposal Information
  - Proposal Description
  - Team Expertise
  - PI: Elizabeth Nance
  - Col: Mr. Anthony Josue Romar
- Targets
  - Fixed Targets
  - 1 GOODS
- Observations
  - NIRISS WFSS
    - NIRISS WFSS (Obs 1)
  - Observation Links

**NIRISS WFSS (Obs 1) of JWST Draft Proposal (Unsaved)**

Number: 1 | Status: UNKNOWN | Duplication

Label: NIRISS WFSS

Instrument: NIRISS

Template: NIRISS Wide Field Slitless Spectroscopy

Coordinated Parallel

Target: 1 GOODS

Splitting Distance: 40.0 Arcsec | Number of Visits: 1

Visit Splitting: Science | Total Charged: 2926

Duration (secs): 0 | Data Volume: 52 MB

NIRISS Wide Field Slitless Spectroscopy | Mosaic Properties | Special Requirements | Comments

**Science Observation**

Image Dithers: Dither: 4 | Pattern Size: MEDIUM

#	Grism	Filter	Readout Pattern	Groups/Int	Integrations/Exp	ETC Wbkk.Calc ID	ETC
1	None Selected		NIS				
	CR150C						
	CR150R						
	BOTH						

Sequences: Add | Duplicate | Insert Above | Remove

**Direct Image Exposure Parameters**

#	Readout Pattern	Groups/Int	Integrations/Exp	ETC Wbkk.Calc ID	ETC
1	NIS				

Direct Images: Use NIRISS Imaging mode in the JWST ETC to calculate exposure parameters for Direct Imaging.

**All Exposures Display**

#	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wbkk.Calc ID
1	DIRECT			NIS			1	1	0.0	
1	GRISM			NIS			4	1	0.0	

Exposures



# Creating New Observation

Astronomer's Proposal Tools Version 27.2 - JWST Draft Proposal (Unsaved)

Form Editor | Spreadsheet Editor | Orbit Planner | Visit Planner | Timeline | View in Aladin | BOT | Target Confirmation | PDF Preview | Submission | Errors and Warnings

New Document | New

What's New | Roadmap | Feedback

**JWST Draft Proposal (Unsaved)**

- Proposal Information
  - Proposal Description
  - Team Expertise
  - PI: Elizabeth Nance
  - Col: Mr. Anthony Josue Romar
- Targets
  - Fixed Targets
  - 1 GOODS
- Observations
  - NIRISS WFSS
    - NIRISS WFSS (Obs 1)
- Observation Links

**NIRISS WFSS (Obs 1) of JWST Draft Proposal (Unsaved)**

Number: 1 | Status: UNKNOWN | Duplication

Label: NIRISS WFSS

Instrument: NIRISS

Template: NIRISS Wide Field Slitless Spectroscopy

Coordinated Parallel

Target: 1 GOODS

Visit Splitting:	Splitting Distance	Number of Visits
40.0 Arcsec		1

Duration (secs)	Science	Total Charged
11344		18113

Data Volume: 2524 MB

NIRISS Wide Field Slitless Spectroscopy | Mosaic Properties | Special Requirements | Comments

**Science Observation**

Image Dithers: Dither 4 | Pattern Size: MEDIUM

#	Grism	Filter	Readout Pattern	Groups/Int	Integrations/Exp	ETC Wbk.Calc ID	ETC
1	BOTH	F150W	NIS	21	1	000000	
2	BOTH	F200W	NIS	7	1	000000	

Sequences

Add | Duplicate | Insert Above | Remove

**Direct Image Exposure Parameters**

#	Readout Pattern	Groups/Int	Integrations/Exp	ETC Wbk.Calc ID	ETC
1	NIS	10	1	0000000	
2	NISRAPID				

Direct Images

Use NIRISS imaging mode in the JWST ETC to calculate exposure parameters for Direct Imaging.

**All Exposures Display**

#	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wbk.Calc ID
1	DIRECT	F150W		NIS	10	1	1	1	0.0	0000000
1	GRISM	F150W	GR150R	NIS	21	1	4	4	3650.502	0000000
1	DIRECT	F150W		NIS	10	1	2	2	880.415	0000000
1	GRISM	F150W	GR150C	NIS	21	1	4	4	3650.502	0000000
1	DIRECT	F150W		NIS	10	1	1	1	440.208	0000000
2	DIRECT	F200W		NIS			1	1	0.0	





# Creating New Observation

Astronomer's Proposal Tools Version 27.2 - JWST Draft Proposal (Unsaved)

Form Editor | Spreadsheet Editor | Draft Planner | Visit Planner | Timeline | View in Aladin | BOI | Target Confirmation | PDF Preview | Submission | Errors and Warnings

New Document | New

What's New | Roadmap | Feedback

**JWST Draft Proposal (Unsaved)**

- Proposal Information
- Proposal Description
- Team Expertise
- PI: Elizabeth Nance
- Col: Mr. Anthony Josue Romar
- Targets
  - Fixed Targets
    - 1 GOODS
- Observations
  - NIRISS WFSS
    - NISS WFSS (Obs 1)
      - Visit 1:1
- Observation Links

**Visit 1:1 of JWST Draft Proposal (Unsaved)**

Visit 1:1 Status: Unknown

	Science	Instrument	Overheads	Slew	Observatory	Overheads	Direct Scheduling	Overheads	Total Charged
Visit Duration (secs)	13064	2538	1800	2785	0				20187

Visit Duration (secs)

Form - Warning (Form): Overheads are provisional until the Visit Planner has been run.

Edit NISS WFSS (Obs 1) | New | Edit Observation Links

4 errors & warnings (Click for Details)



# Running Visit Planner on New Observation

The screenshot displays the Astronomer's Proposal Tools (APT) Version 27.2 interface. The title bar indicates the current document is a "JWST Draft Proposal (Unsaved)". The main menu includes options like Form Editor, Spreadsheet Editor, Orbit Planner, Visit Planner, Timeline, View in Aladin, DOT, Target Confirmation, PDF Preview, Submission, and Errors and Warnings. The Visit Planner tool is active, showing a "Zoom" control and a "Current Range (UT): ~ 24 Hours" timeline from Dec-19 00:00 to Dec-19 15:00. The left sidebar lists proposal information, targets, and observations, including "NIRISS WFSS" and "NIRISS WFSS (Obs 1)". The main panel shows a warning for "NIRISS WFSS (Obs 1)" stating "The schedulability of this visit has not yet been computed." The bottom status bar includes "Update Display", "Reports", "Print", "Run Smart Accounting", and a red error icon with the text "4 errors & warnings (Click for Details)".



# Running Visit Planner on New Observation

Astronomer's Proposal Tools Version 27.2 - JWST Draft Proposal (Unsaved)

Form Editor | Spreadsheet Editor | Observation Planner | **Visit Planner** | Timeline | View in Aladin | iDOT | Target Confirmation | PDF Preview | Submission | Errors and Warnings

New Document | New

What's New | Roadmap | Feedback

**JWST Draft Proposal (Unsaved)**

- Proposal Information
- Targets
  - Fixed Targets
    - 1 GOODS
- Observations
  - NIRISS WFSS
    - NIRISS WFSS (Obs 1)
      - Visit 1:1
  - Observation Links

Zoom

Current Range (UT): - 19 Months

19:34:16:48:40

04-Nov-19 00:00:00	30-Dec-19 00:00:00	24-Feb-20 00:00:00	20-Apr-20 00:00:00	15-Jun-20 00:00:00	10-Aug-20 00:00:00	05-Oct-20 00:00:00	30-Nov-20 00:00:00	25-Jan-21 00:00:00	22-Mar-21 00:00:00
NIRISS WFSS (Obs 1)									
Visit 1:1									

Update Display | Reports | Print | Run Smart Accounting

All selected visits are schedulable.

1 errors & warnings (Click for Details)



# Submit APT File

The screenshot shows the 'Astrocyber's Proposal Tools Version 27.2' application window. The title bar reads 'Astrocyber's Proposal Tools Version 27.2 - JWST Draft Proposal (NIRSSWFSS.aptx)'. The menu bar includes: Form Editor, Spreadsheet Editor, Orbit Planner, Visit Planner, Timeline, View in Aladin, BOI, Target Confirmation, PDF Preview, Submission, Errors and Warnings, Run All Tools, and Stop. The toolbar contains icons for 'New Document', 'New Co-1', 'What's New', 'Roadmap', and 'Feedback'. The main window is titled 'Submit Draft Proposal To STScI'. On the left, a tree view shows 'JWST Draft Proposal (NIRSSWFSS.a)' with sub-items: Proposal Information, Targets, Observations, and Observation Links. The main content area displays: Proposal: JWST Draft Proposal (NIRSSWFSS.aptx), Submission comments - especially if you're resubmitting. (with a large text input field), Submission Comments: (with a label), This Draft proposal has not been submitted. (with a status message), Submit Proposal, Resubmit Proposal, Clear ID# (with buttons), How Do I Resubmit? (with a link), and Submission Log (with a label and a large empty text area). The bottom status bar shows '1 errors & warnings (Click for Details)'.