

# Rosetta FIN Science Archive Review

**Eclipse RID / Lien System**

***Kick-off and Reviewer Usage***

- **Review Objectives**
- **Review Organization/Schedule**
- **Review Documents**
- **Eclipse and eRID usage**

# Rosetta FIN Review Objectives (1/2)



*Details can be found in the Review Procedure document. A summary is below:*

1. Confirm the completeness and scientific integrity of the Rosetta data sets in the PSA.
2. Confirm that the datasets contain the instrument science, instrument housekeeping, spacecraft housekeeping and science operations information necessary to execute instrument, cross-instrument and cross-mission data analysis.
3. Confirm the long-term scientific usability of the data, e.g. against already existing planetary archives.
4. Confirm the usefulness of the provided data sets for analysis by the science community e.g. by attempting to read/manipulate the data (without team-provided software) to produce or reproduce scientifically published results (if feasible).

5. Shortcomings - including detailed recommendations and their implementation period - shall be given for each major finding.

*NOTE : for the case of some instruments, the data delivered will contain fixes of the RIDs from the last review. The reviewer will be asked to check that the RIDs have been closed to their satisfaction.*

*In that respect, as the above objectives were already verified in the last review then through closeout of the RIDs the objectives will have been met.*

The Rosetta Shape Models and SPICE kernels are made available to reviewers if needed for checking the geometry. Section 5.2 of the Review Procedure document identifies where reviewers can access these.

# Schedule: Meetings & Milestones



Date	Type	Purpose
1 <sup>st</sup> April 2019 to 5 <sup>th</sup> April	Gradual (instrument dependent) document and data set distribution to reviewers.	Data & documentation release to reviewers
26 <sup>th</sup> April 2019 @ 23:59 CEST	Deadline for reviewers to assess data & submit RIDs.	Date by which all RIDs must be in the system so that the instrument teams can analyse them and provide feedback
3 <sup>rd</sup> May 2019	Deadline for PI teams to assess the RIDs and provide feedback on them.	Date by which the PI teams will respond to the RIDs
7 <sup>th</sup> May 2019	Meeting of Review members at ESAC and via Webex with the PDS & PI teams.	Discuss submitted RIDs, as well as responses from instrument teams (via their participation)
14 <sup>th</sup> June 2019	Release of the Review report	Deadline for Final Rosetta Archive Review Report to be disseminated

N.B. All RIDs must be raised by **26<sup>th</sup> April at 23:59 (CEST)**.

# Review Documents in Eclipse

## 1. Instrument Procedure Documents,

(See menu: *RIDs/Documents ->Browse/Create RIDs*)

- One document for each instrument. ***Please read this!***
  - Summary of data under review
  - How data should be retrieved
  - Any special things to note during review

## 2. Baseline Documents,

(See menu: *RIDs/Documents ->Browse Baseline*)

- Here you can find a copy of the top level Review Procedure

## 3. Reference Documents,

(See menu: *RIDs/Documents ->Browse Reference*)

- This presentation and any other supporting documents.

# Reviewers



<b>Experiment</b>	<b>EU Reviewer</b>
ALICE	Eric Quemerais
GIADA	Amara Graps
NAVCAM	Thomas Roatsch
RPC-ICA	Colin Forsyth
RPC-IES	Andrew Walsh
RPC-LAP	Yuri Khotyaintsev
RPC-MIP	Patrick Canu
RSI	Jean-Charles Marty
SREM	Elena Kronberg

<b>Experiment</b>	<b>US Reviewer</b>
ALICE	Cesare Grava
GIADA	Sascha Kempf / Trent Hare
NAVCAM	Jian Yang Li
RPC-ICA	Yaxue Dong
RPC-IES	Yaxue Dong
RPC-LAP	Rudy Frahm
RPC-MIP	Rudy Frahm
RSI	Essam Heggy
SREM	Rudy Frahm

There are **two panels** associated with this review:

- ✓ A **science** panel; if you are a scientific reviewer of a given instrument (listed on the previous slide), please select **science** when raising science RIDs/liens
- ✓ a **technical** panel; if you are a PSA or PDS reviewer and have non-science issues to raise (e.g. related to the PDS Standards compliance), please select **technical** when raising your technical RIDs/liens

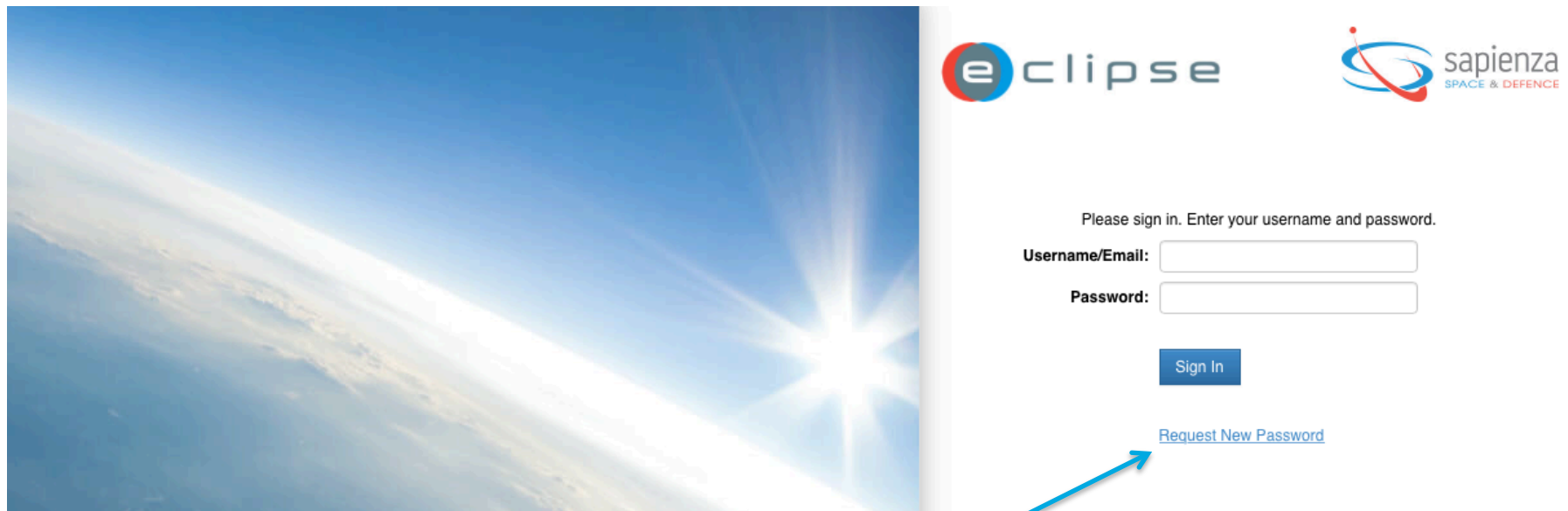


- ❑ All review documents are in Eclipse: <https://sre-polaris.esa.int>
- ❑ Access to Eclipse and eRID has been provided for all reviewers
- ❑ Supplementary documents are available in Eclipse eRID tab; click on RIDS/ Documents -> Browse Reference or Browse Baseline
- ❑ ***All RIDs/liens will be generated in Eclipse eRID, with fields completed as described in each instrument review document***
- ❑ RID classification:
  - ❑ **“major”** an issue that compromises the understanding/use of the data to an extent by which the data cannot be analyzed without additional support. Will be addressed at the panel/co-location meetings.
  - ❑ **“minor”** an issue that does not hinder the understanding of the data to an extent by which the data cannot be analyzed by an independent scientist.
  - ❑ **“editorial”**

# Eclipse eRID system



- ❑ If you have not used Eclipse before, you may need to click in the top-left on the 'ECLIPSE' link to access the review system and see the screens in the following slides.



- ❑ NOTE: There is a 'Request New Password' link if you have trouble connecting.

# Eclipse & eRID system



1) Select "Rosetta\_FIN\_Archive"

3) Select the "eRID" tab

The screenshot shows the Eclipse & eRID system interface. The top navigation bar includes the Eclipse logo, a project dropdown set to 'Rosetta\_FIN\_Archive', and user information 'Welcome David Heather | Logout'. The main navigation menu has 'Review: Rosetta\_FIN\_Archive', 'RIDs/Documents', 'Actions', 'Editorials', 'Admin', and 'Help'. The 'eRID' tab is highlighted in the top right. The main content area is divided into 'Browse Datapack Documents' and 'RIDs'. The 'Browse Datapack Documents' section shows a tree view with 'ROOT' and a list of RIDs. The 'RIDs' section shows a table with columns: RID Title, RID Number, Datapack Document, Baseline Document, Status, Originator Reference, Originator, Panel, Classification, Updated, and Action Item. The table is currently empty, showing 'Showing 0 to 0 of 0 entries'. A green arrow points from the 'RIDs/Documents' menu item to the 'Browse/Create RIDs' section.

2) Select "Rosetta\_FIN\_Archive"

4) Click on RIDs/Documents -> Browse/Create RIDs

- Browse Baseline=applicable documents
- Browse Reference=reference documents

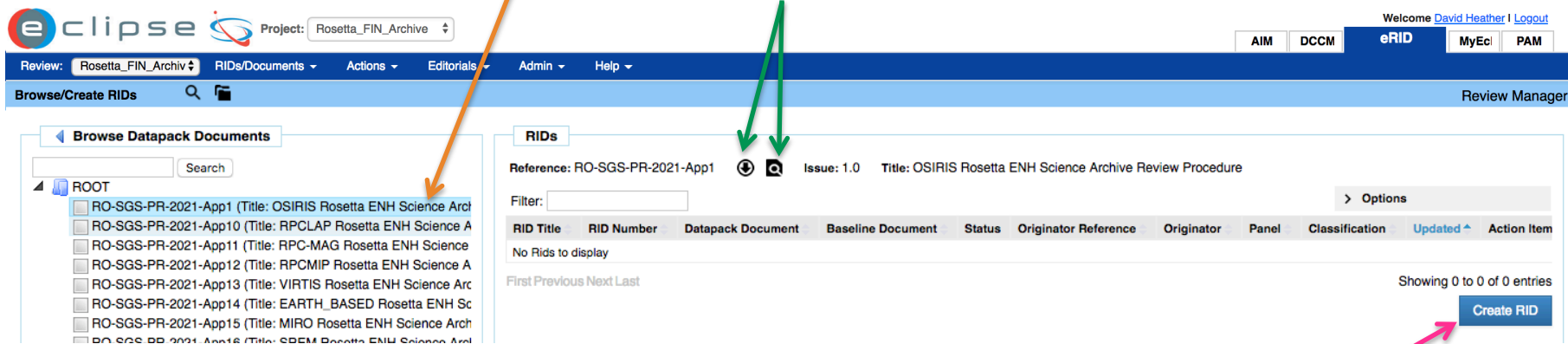
*This is an example only; the details of this screen may look slightly different.*

# Eclipse & eRID system



How to create a RID/lien:

- 1) Select document related to your instrument
- 2) View or Download document  
**N.B.** Please download and read your instrument document!



3) Create RID/lien

*This is an example only; the details of this screen may look slightly different.*

# Raising a RID / lien



Create RID for Document: RO-SGS-PR-1018-App1 (Issue: 1.0)

\* RID Number: Automatically generated

Classification:

Originator Reference:

\* Panel:

\* Title of RID:

\* Datapack Document:

Document Page/Section/Para:

Discrepancy Document: [\(Select Document\)](#)

Discrepancy Page/Section/Para:

\* Description of Discrepancy:

\* Initiator Recommended Solution:

**Major:** critical issue  
**Minor:** non-critical issue

**INST-AA-XX-YYY *please fill this in!***  
(see your instrument procedure document).

**Science:** scientific reviewer  
**Technical:** technical reviewer

**Brief title for the RID**

Location of error (DATA\_SET\_ID and location within file if applicable)

Description of the procedure you followed to identify the issue as well as the issue itself.

Description of the solution you would recommend to address the issue.

- Please fill in **all** fields noted above, *even if they are not mandatory in the system!*
- A more thorough description of each field is provided in your Instrument Review Procedure document**

# Raising an Editorial



1. To raise an Editorial item, click:  
'Editorials' -> 'Create'

The screenshot shows the Eclipse web interface. The top navigation bar includes the Eclipse logo, a project dropdown set to 'Rosetta\_FIN\_Archive', and user information 'Welcome David Heather | Logout'. Below this is a secondary navigation bar with 'AIM', 'DCCM', 'eRID', 'MyEcl', and 'PAM'. The main content area has a 'Review: Rosetta\_FIN\_Archiv' dropdown and a menu with 'RIDs/Documents', 'Actions', 'Editorials', 'Admin', and 'Help'. The 'Editorials' menu is highlighted, and a blue arrow points to the 'Create' option. Below the menu is a 'Browse/Create RIDs' section with a search bar and a tree view of 'Browse Datapack Documents'.

2. In the following window:

- Identify the **instrument** affected
- Please fill in all available fields with details of the **location and type of error**
- **Add Comment** to submit the item



The screenshot shows the 'Editorial Create' form. The top navigation bar is similar to the previous screenshot, but the project is set to 'Training'. The main content area has a 'Review: Rosetta\_Test\_Review' dropdown and a menu with 'RIDs/Documents', 'Actions', 'Editorials', 'Reports', 'Admin', and 'Help'. The 'Editorials' menu is highlighted, and a blue arrow points to the 'Create' option. Below the menu is a 'Browse/Create RIDs' section with a search bar and a tree view of 'Browse Datapack Documents'. The 'Editorial Create' form has the following fields: 'Editorial Number' (2), 'Review' (Rosetta\_Test\_Review), 'Panel' (dropdown), 'Originator' (David Heather), and 'Datapack Document' (RO-SGS-PR-1018-App10 : NAVCAM Rosetta EOM Scier). Below these fields are 'Undo', 'Save', and 'Delete Editorial' buttons. The form also has a table with columns 'Page', 'Paragraph', and 'Content'. The 'Page' column has 'DATASET.CAT', the 'Paragraph' column has 'Line 34', and the 'Content' column has 'Typographical error description here'. Below the table is an 'Add Comment' button.

# Viewing/Searching RIDs/liens



Once RIDs have been raised they can be viewed by simply clicking on the **RID Title** link

The screenshot shows the Eclipse web interface for the Rosetta\_FIN\_Archive project. The main content area displays a table of RIDs. The table has columns for RID Title, RID Number, Datapack Document, Baseline Document, Status, Originator Reference, Originator, Panel, Classification, Updated, Action Items, and Actions. The first row shows a RID with the title 'Geometry information missing in EAICD', RID Number 'Science-3', and Datapack Document 'RO-SGS-PR-1018-App10 (Issue: 1.0)'. The Actions column for this row contains a document icon and a magnifying glass icon, both of which are highlighted with blue arrows.

RID Title	RID Number	Datapack Document	Baseline Document	Status	Originator Reference	Originator	Panel	Classification	Updated	Action Items	Actions
<a href="#">Geometry information missing in EAICD</a>	Science-3	RO-SGS-PR-1018-App10 (Issue: 1.0)		Closed	NAV-TEST-EU-DJH-001	David Heather	Science	Minor	30-08-2017 10:54	<a href="#">1 Add</a>	 
<a href="#">Missing filter</a>		RO-SGS-PR-1018-App1				David					

You can search for specific RIDs by clicking on the magnifying glass and filling in the relevant search criteria

A PDF report of a RID can be viewed / downloaded using these links

# Action Items



Actions will be raised during the co-location by the Review and Panel Chairs. These will be used to track work needed to close out the RIDs. You do **not** need to do anything for this when raising RIDs.

The screenshot shows the Eclipse eRID system interface. The top navigation bar includes the Eclipse logo, a project dropdown set to 'Rosetta\_FIN\_Archive', and user information 'Welcome David Heather | Logout'. Below this is a menu bar with 'Review: Rosetta\_FIN\_Archiv', 'RIDs/Documents', 'Actions', 'Editorials', 'Admin', and 'Help'. A secondary bar contains 'AIM', 'DCCM', 'eRID', 'MyEc', and 'PAM'. The main content area is titled 'Browse/Create RIDs' and 'Review Manager'. On the left, there is a 'Browse Datapack Documents' sidebar with a search box and a tree view showing 'ROOT', 'ADs to Prime Contractors', 'Others', and 'Superseded'. The main area is titled 'RIDs' and contains a table with columns: RID Title, RID Number, Datapack Document, Baseline Document, Status, Originator Reference, Originator, Panel, Classification, Updated, Action Items, and Actions. The first row shows a RID with title 'Geometry information missing in EAICD', RID Number 'Science-3', and Status 'Closed'. The 'Action Items' column for this row contains a link '1 Add'. A blue arrow points from the text box below to this 'Add' link.

RID Title	RID Number	Datapack Document	Baseline Document	Status	Originator Reference	Originator	Panel	Classification	Updated	Action Items	Actions
<a href="#">Geometry information missing in EAICD</a>	Science-3	RO-SGS-PR-1018-App10 (Issue: 1.0)		Closed	NAV-TEST-EU-DJH-001	David Heather	Science	Minor	30-08-2017 10:54	<a href="#">1 Add</a>	
<a href="#">Missing filter</a>		RO-SGS-PR-1018-App1				David					

After the review meeting, you will have visibility of any actions raised on a RID through the eRID system.



If you have any questions or issues with accessing the data or using the Eclipse system, please use the following contacts:

Role	Name	E-Mail	Telephone
Review Manager for ECLIPSE	Dave Heather	<a href="mailto:dheather@cosmos.esa.int">dheather@cosmos.esa.int</a>	+34 918131183
RSI, RPC-ICA, RPC-LAP, RPC-MIP, SREM	Dave Heather	<a href="mailto:dheather@cosmos.esa.int">dheather@cosmos.esa.int</a>	+34 918131183
ALICE, GIADA, NAVCAM, RPC-IES	Diego Fraga	<a href="mailto:dfraga@sciops.esa.int">dfraga@sciops.esa.int</a>	+34 918131578
Rosetta SGS Archive Team	Rosetta Archive Team	<a href="mailto:rsgs_arc@sciops.esa.int">rsgs_arc@sciops.esa.int</a>	
PDS Contact (specific US issues)	Tilden Barnes	<a href="mailto:tbarnes4@astro.umd.edu">tbarnes4@astro.umd.edu</a>	
Review Chair (US)	Gerbs Bauer	<a href="mailto:gerbsbauer@astro.umd.edu">gerbsbauer@astro.umd.edu</a>	
Review Chair (Europe)	Larry O'Rourke	<a href="mailto:laurence.o'rourke@esa.int">laurence.o'rourke@esa.int</a>	

1. All documentation will be available on Monday, 1st April.
2. Please observe the objectives of the review as laid out in the procedure.
3. Please download and read your specific Instrument Procedure document carefully.
4. All RIDs need to be in the system **26<sup>th</sup> April at 23:59 (CEST)**.
5. The co-location meeting will take place May 7<sup>th</sup> in Madrid.
6. Review Report will be prepared and released 14<sup>th</sup> June.
7. Please prepare presentations for the co-location meeting to outline your major findings and the procedures you followed.

**Thank you for your support!**