

# Rosetta ENH Science Archive Review

**Eclipse RID / Lien System**

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

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

# Rosetta ENH 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, housekeeping, and science operations information needed for data analysis.
3. Verify that the set of documentation is complete and sufficient for data processing and analysis.
4. Confirm that calibration information provided is complete. Try to obtain the same results as in the data set by following the described procedure, and for the case of level 3 data, that the calibration is reversible.
5. Confirm the long-term scientific usability of the data, e.g. against already existing planetary archives.

# Rosetta EOM Review Objectives (2/2)



6. Confirm the usefulness of the provided data sets for analysis by the science community e.g. by attempting to read/manipulate the data to produce or reproduce scientifically published results
7. Shortcomings - including detailed recommendations and their implementation period - shall be given for each major finding.

# Schedule: Meetings & Milestones



Date	Type	Purpose
5 <sup>th</sup> September 2018	Document and data set distribution to reviewers.	Data & documentation release to reviewers
28 <sup>th</sup> September 2018	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
5 <sup>th</sup> October 2018	Deadline for PI teams to assess the RIDs and provide feedback on them.	Date by which the PI teams will respond to the RIDs
9 <sup>th</sup> to 10 <sup>th</sup> October 2018	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)
16 <sup>th</sup> November 2017	Release of the Review report	Deadline for Final Rosetta Archive Review Report to be disseminated

N.B. All RIDs must be raised by **28<sup>th</sup> September 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



Experiment	EU Reviewer
ALICE	N/A
CONSERT	Roberto Orosei
COSIMA	Eberhard Gruen
EARTH-BASED	Jeremie Lasue
	Aurelie Guilbert-Lepoutre
GIADA	Amara Graps
MIDAS	Simon Green
MIRO	Maria Drozdovskaya
OSIRIS	Bjoern Grieger
ROSINA	Andrew Morse
RPC-ICA	Colin Forsyth
RPC-IES	Andrew Walsh
RPC-LAP	Yuri Khotyaintsev
RPC-MAG	Magda Delva
RPC-MIP	Patrick Canu
RPC-PIU	Bjoern Grieger
SREM	Elena Kronberg
VIRTIS	Frederic Schmidt

Experiment	US Reviewer
ALICE	N/A
CONSERT	David Baker
COSIMA	Sascha Kempf
EARTH-BASED	Lori Feaga
	TBA
GIADA	Sascha Kempf
MIDAS	TBA
MIRO	TBA
OSIRIS	Xiaoduan Zou
ROSINA	Mark Perry
RPC-ICA	Rudy Frahm
RPC-IES	Steve Joy
RPC-LAP	Rudy Frahm
RPC-MAG	Steve Joy
RPC-MIP	Rudy Frahm
RPC-PIU	TBA
SREM	Steve Joy
VIRTIS	Silvia Protopapa

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

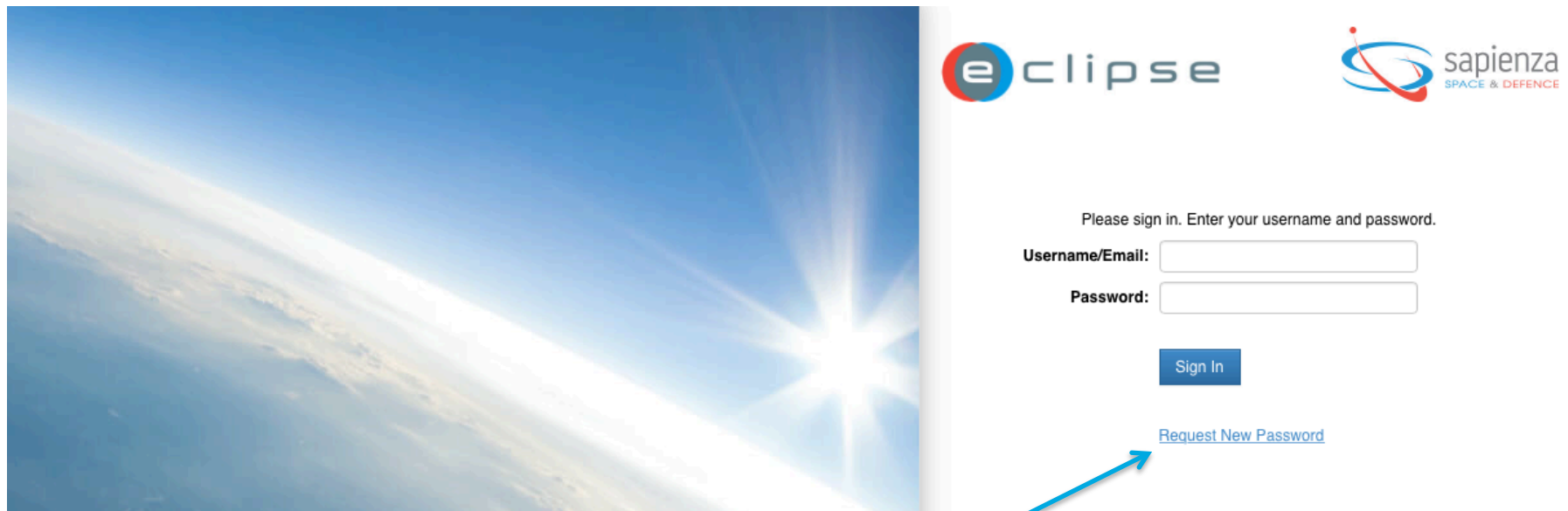


- ❑ All review documents are in Eclipse: <https://sre-polaris.esa.int>
- ❑ Access to Eclipse and eRID has been provided for all reviewers
- ❑ Supplementary documents are available in Eclipse eRID tab; click on RIDS/ Documents -> Browse Reference or Browse Baseline
- ❑ ***All RIDs/liens will be generated 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 ENH Archive"

3) Select the "eRID" tab

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

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

2) Select "Rosetta ENH Archive"

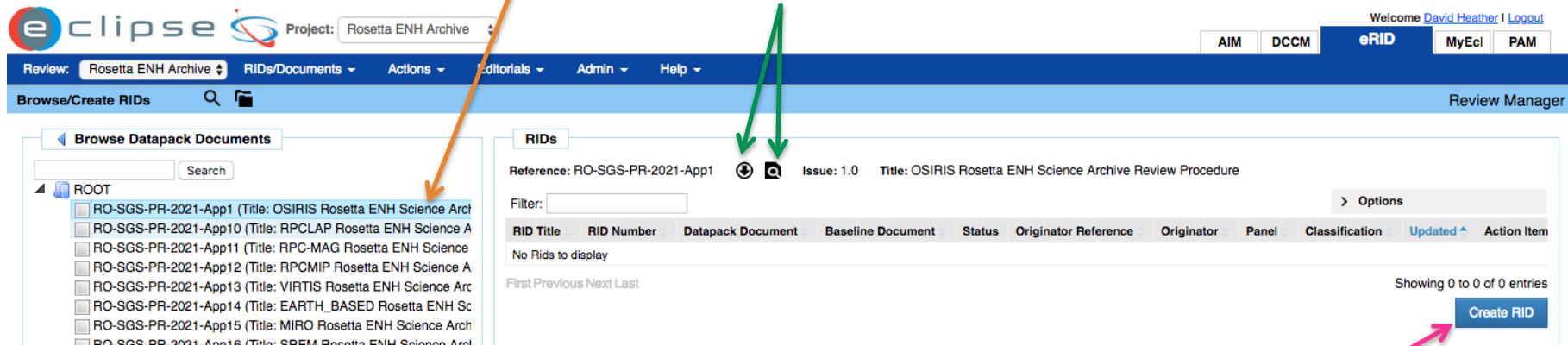
*This is an example only; the details of this screen may look slightly different.*

# 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: RO-SGS-PR-1018-App1 (Issue: 1.0)

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**  
(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 available fields
- 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 'eclipse', 'Project: Rosetta ENH Archive', and user information 'Welcome David Heather | Logout'. The main navigation menu has 'AIM', 'DCCM', 'eRID', 'MyEcl', and 'PAM'. Below this, a secondary menu shows 'Review: Rosetta ENH Archive', 'RIDs/Documents', 'Actions', 'Editorials' (highlighted with a red circle), 'Admin', and 'Help'. The main content area is titled 'Browse/Create RIDs' and 'Review Manager'. On the left, there is a 'Browse Datapack Documents' tree view. On the right, there is a 'RIDs' section with a search filter and a table of RIDs. The table has 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 'No Rids to display'. A 'Create RID' button is visible at the bottom right of the RIDs section.

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 in the Eclipse web interface. The top navigation bar includes 'eclipse', 'Project: Training', and user information 'Welcome David Heather | Logout'. The main navigation menu has 'Review: Rosetta\_Test\_Review', 'RIDs/Documents', 'Actions', 'Editorials', 'Reports', 'Admin', and 'Help'. The form contains the following fields:

- Editorial Number: 2
- Review: Rosetta\_Test\_Review
- Panel: [Dropdown menu]
- Originator: David Heather
- Datapack Document: RO-SGS-PR-1018-App10 : NAVCAM Rosetta EOM Scier

Below these fields are three sections:

- Page: DATASET.CAT
- Paragraph: Line 34
- Content: Typographical error description here

At the bottom right of the form is an 'Add Comment' button. There are also 'Undo', 'Save', and 'Delete Editorial' buttons.

# 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. The top navigation bar includes the Eclipse logo, a project dropdown set to 'Training', and various system tabs like AIM, DCCM, eRID, eNCTS, eRISK, DASH, DAB, MyEcl, INTEX, JAIL, and PAM. Below this is a secondary navigation bar with 'Review: Rosetta\_Test\_Review', 'RIDs/Documents', 'Actions', 'Editorials', 'Reports', 'Admin', and 'Help'. The main content area is titled 'Browse/Create RIDs' and features a search bar with a magnifying glass icon. To the left is a tree view for 'Browse Datapack Documents' with folders like 'ROOT', 'ADs to Prime Contractors', 'Others', and 'Superseded'. The central 'RIDs' 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 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 PDF icon and a magnifying glass icon, both 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="#">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 'Training', and several menu items: AIM, DCCM, eRID (highlighted), eNCTS, eRISK, DASH, DAB, MyEcl, INTEX, JAIL, and PAM. Below this is a secondary navigation bar with 'Review: Rosetta\_Test\_Review', 'RIDs/Documents', 'Actions', 'Editorials', 'Reports', 'Admin', and 'Help'. 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 displays a table of RIDs 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 RID shows '1 Add', with a blue arrow pointing to it from the text box below.

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
COSIMA, EARTH-BASED, OSIRIS, RSI, RPC-ICA, RPC- LAP, RPC-MIP,	Dave Heather	<a href="mailto:dheather@cosmos.esa.int">dheather@cosmos.esa.int</a>	+34 918131183
ALICE, GIADA, MIDAS, MIRO, ROSINA, RPC-IES, RPC-MAG, VIRTIS	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 (sepcific 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@gmail.com">gerbsbauer@gmail.com</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, 4<sup>th</sup> September.
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 **28<sup>th</sup> September at 23:59 (CEST)**.
5. The co-location meetings will take place October 9-11<sup>th</sup> in Madrid.
6. Review Report will be prepared and released 15<sup>th</sup> November.
7. Please prepare presentations for the co-location meeting to outline your major findings and the procedures you followed.

**Thank you for your support!**