

Rosetta EOM Science Archive Review

Eclipse RID / Lien System

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

Rosetta EOM 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. For the case of certain instruments, check the closeout of science RIDs raised from the previous reviews.
8. Shortcomings - including detailed recommendations and their implementation period - shall be given for each major finding.

Schedule: Meetings & Milestones



Date	Type	Purpose
4 th September 2017	Document and data set distribution to reviewers.	Data & documentation release to reviewers
3 rd October 2017	Deadline for reviewers to assess data & submit RIDs.	Feed in any comments for discussion the following week
9 th to 11 th October 2017	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)
15 th 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 **3rd October 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*)

- Status of RIDs/liens from previous reviews for selected instruments (described in your Instrument Review Procedure document if applicable).

Reviewers



<i>Instrument</i>	<i>Reviewer</i>	<i>Europe/US</i>
ALICE	Eric Quemerais	Europe
CIVA	Colin Snodgrass	Europe
CONSERT	Roberto Orosei	Europe
COSAC	Martin Rubin	Europe
COSIMA	Eberhard Gruen	Europe
EARTH	Jeremie Lasue	Europe
GIADA	Amara Graps	Europe
ICA	Colin Forsyth	Europe
IES	Andrew Walsh	Europe
LAP	Yuri Khotyaintsev	Europe
MAG	Nicholas Achilleos	Europe
MIDAS	Marco Fulle	Europe
MIP	Patrick Canu	Europe
MIRO	Raphael Moreno	Europe
NAVCAM	Thomas Roatsch	Europe
OSIRIS	Alan Fitzsimmons	Europe
PTOLEMY	Martin Rubin	Europe
ROSINA	Andrew Morse	Europe
RSI	Jean-Charles Marty	Europe
SESAME	Arnaud Masson	Europe
VIRTIS	Frederic Schmidt	Europe

<i>Instrument</i>	<i>Reviewer</i>	<i>Europe/US</i>
ALICE	Joshua Kammer	US
CIVA	Karl Hibbitts	US
CONSERT	Erwan Masarico	US
COSAC	Mark Perry	US
COSIMA	Sascha Kempf	US
EARTH	Matthew Knight	US
GIADA	Sascha Kempf	US
ICA	Rudy Frahm	US
IES	Rudy Frahm	US
LAP	Steve Joy	US
MAG	Steve Joy	US
MIDAS	Michael Hecht	US
MIP	Rudy Frahm	US
MIRO	Bryan Butler	US
NAVCAM	Mike Kelley	US
OSIRIS	Jian Yang Li	US
PTOLEMY	Mark Perry	US
ROSINA	Mark Perry	US
RSI	Erwan Masarico	US
SESAME	Kevin Walsh	US
VIRTIS	Silvia Protopapa	US

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



1) Select "Rosetta EOM Archive"

2) Generating RID/eRID

The screenshot shows the Eclipse & eRID system interface. The top navigation bar includes the Eclipse logo, a project dropdown set to 'Rosetta EOM Archive', and user information 'Welcome [Name] | Logout'. The main navigation menu has 'RIDs/Documents' selected. Below the menu, there are two main sections: 'Browse Datapack Documents' on the left and 'RIDs' on the right. The 'Browse Datapack Documents' section shows a tree view with 'ROOT' and a list of documents. The 'RIDs' section shows a detailed view of a document with fields for Reference, Issue, and Title. A 'Create RID' button is located at the bottom right of the document view.

3) Select "Rosetta EOM 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!

Project: Rosetta EOM Archive

Welcome [Dave Test](#) | [Logout](#)

AIM eRID

Review: Rosetta_EOM_archive RIDs/Documents Actions Editorials Reports Admin Help

Browse/Create RIDs Review Manager

Browse Datapack Documents

Search

ROOT

- RO-SGS-PR-1018-App1 (Title: OSIRIS Rosetta EOM Science Archive Review)
- RO-SGS-PR-1018-App10 (Title: NAVCAM Rosetta EOM Science Archive Rev)
- RO-SGS-PR-1018-App11 (Title: PTOLEMY Rosetta EOM Science Archive Re)
- RO-SGS-PR-1018-App12 (Title: ROSINA Rosetta EOM Science Archive Revi)
- RO-SGS-PR-1018-App13 (Title: RPC-ICA Rosetta EOM Science Archive Rev)
- RO-SGS-PR-1018-App14 (Title: RPC-IES Rosetta EOM Science Archive Rev)
- RO-SGS-PR-1018-App15 (Title: RPC-LAP Rosetta EOM Science Archive Re)
- RO-SGS-PR-1018-App16 (Title: RPC-MAG Rosetta EOM Science Archive Re)

RIDs

Reference: RO-SGS-PR-1018-App1 Issue: 1.0
Title: OSIRIS Rosetta EOM Science Archive Review Procedure

Filter:

RID Title	RID Number	Datapack Document	Baseline Document	Status	Originator Reference	Originator	Pan
No Rids to display							

First Previous Next Last

Showing 0 to 0 of 0 entries

Create RID

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.

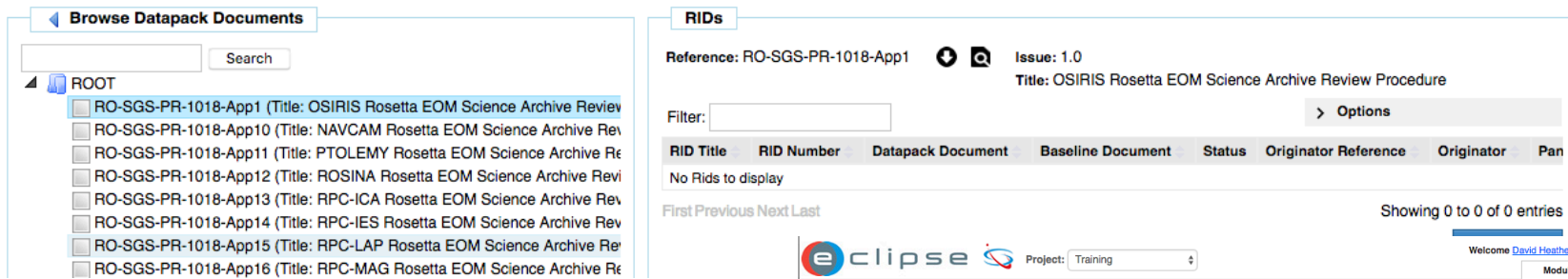
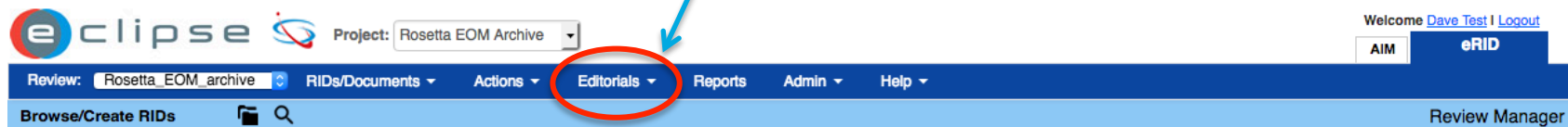
Description of the solution you would recommend to address the issue.

- Please fill in all available fields
- A more thorough description of each field is provided in your Instrument Review Procedure document**

Raising an Editorial

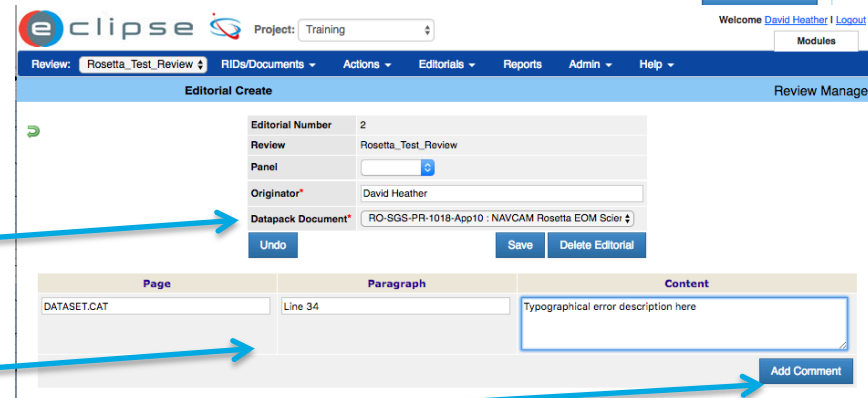


1. To raise an Editorial item, click:
'Editorials' -> 'Create'



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



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. At the top, there is a navigation bar with the Eclipse logo, a 'Project: Training' dropdown, and several menu items: AIM, DCCM, eRID (selected), 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 main table is titled 'RIDs' and has 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 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. A blue arrow points from the text box above to the magnifying glass icon in the search bar. Another blue arrow points from the text box above to the PDF icon in the Actions column. A third blue arrow points from the text box below to the search bar.

RID Title	RID Number	Datapack Document	Baseline Document	Status	Originator Reference	Originator	Panel	Classification	Updated	Action Items	Actions
Geometry information missing in EAICD	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	1 Add	
Missing filter		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 row contains a blue link labeled '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
Geometry information missing in EAICD	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	1 Add	
Missing filter		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	dheather@cosmos.esa.int	+34 918131183
OSIRIS, RSI	Dave Heather	dheather@cosmos.esa.int	+34 918131183
Lander, RPC-ICA, RPC-LAP, RPC-MIP, VIRTIS	Maud <u>Barthelemy</u>	mbarthelemy@sciops.esa.int	+34 918131248
ALICE, GIADA, MIDAS, ROSINA, RPC-IES, RPC-MAG	Diego <u>Fraga</u>	dfraga@sciops.esa.int	+34 918131578
COSIMA, MIRO	Miriam <u>Aberasturi</u>	miriam.aberasturi@sciops.esa.int	
Rosetta SGS Archive Team (general Rosetta review issues)	Rosetta Archive Team	rsgs_arc@sciops.esa.int	
PDS Contact (specific US issues)	Tilden Barnes	tbarnes4@astro.umd.edu	
Review Chair (US)	<u>Gerbs</u> Bauer	gerbsbauer@gmail.com	
Review Chair (Europe)	Laurence O'Rourke	laurence.o'rourke@esa.int	

1. All documentation will be available on Monday, 4th 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 **3rd October at 23:59 (CEST)**.
5. The co-location meetings will take place October 9-11th in Madrid.
6. Review Report will be prepared and released 15th 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!