

| ESA | Review Item Discrepancy | Rosetta_FIN_A Panel: | Rosetta_FIN_A Science |
|--|--------------------------------------|-------------------------|--------------------------|
| (A) TITLE: User guide editorial | RID No: Science-63 | | |
| | ID No: 29372 | | |
| Orig. Ref.: RPCLAP-EU-YK-009 | Originator: Yuri Khotyaintsev | | |
| (B) DATAPACK DOCUMENT: | | | |
| RO-SGS-PR-1022-App6: RPC-LAP Rosetta FIN Science Archive Review Procedure (Issue:1.0) | | | |
| Page/Section/Para: | | | |
| (C) DISCREPANCY: | | | |
| Requirements violated (Datapack Document): | | | |
| Page/Section/Para: | | | |
| Description of Discrepancy: | | | |
| Figure 2: please indicate Vz and V_PH_KNEE in the figure. | | | |
| 5.1. Description of the spacecraft potential relation to V_SC is somewhat ambiguous. Better to express in by a formula, e.g. $V_{Spacecraft} = U_0 + \alpha \cdot U_{SC}$, where $\alpha=1.2-1.25$, and $U_0=1V$. | | | |
| Figure 3: please white in the caption that the blue points are hidden underneath the yellow/olive. If possible, make a new figure using better colors and showing e.g. $V_{float}-V_z$, etc. | | | |
| (D) INITIATOR RECOMMENDED SOLUTION: | | | |
| editorial changes | | | |
| | | | Signature: |
| (E) PANEL RECOMMENDATIONS: | | | |
| Status: Accepted | Classification: Minor | Signature: | |
| (F) PANEL CHAIRMAN COORDINATION: | | | |
| Status: Accepted | Group(s): | Signature: | |

| Actions | | Project: Rosetta_FIN_Archive | | |
|--------------------------------------|------------------------------------|--|------------------|----------------|
| | | Review: Rosetta_FIN_Archiv Panel: Science | | |
| RID No: | Science-63 | | | |
| RID TITLE: | User guide editorial | | | |
| Action ID: | Initiator: | Actionee: | Due date: | Status: |
| 41700 | Khotyaintsev, Yuri | Eriksson, Anders | 30/09/2019 | Open |
| Action Title and Description: | Editorial updates to documentation | <p>Correct the following in the documentation:</p> <p>Figure 2: please indicate Vz and V_PH_KNEE in the figure.</p> <p>5.1. Description of the spacecraft potential relation to V_SC is somewhat ambiguous. Better to express in by a formula, e.g. $V_{Spacecraft} = U_0 + \alpha \cdot U_{SC}$, where $\alpha=1.2-1.25$, and $U_0=1V$.</p> <p>Figure 3: please white in the caption that the blue points are hidden underneath the yellow/olive. If possible, make a new figure using better colors and showing e.g. $V_{float}-V_z$, etc.</p> | | |

| ESA | Review Item Discrepancy | Rosetta_FIN_A Panel: | Rosetta_FIN_A Science |
|---|--------------------------------------|-------------------------|--------------------------|
| (A) TITLE: fill value (editorial) | RID No: Science-61 | | |
| | ID No: 29355 | | |
| Orig. Ref.: RPCLAP-EU-YK-008 | Originator: Yuri Khotyaintsev | | |
| (B) DATAPACK DOCUMENT: | | | |
| RO-SGS-PR-1022-App6: RPC-LAP Rosetta FIN Science Archive Review Procedure (Issue:1.0) | | | |
| Page/Section/Para: | | | |
| (C) DISCREPANCY: | | | |
| Requirements violated (Datapack Document): | | | |
| Page/Section/Para: | | | |
| Description of Discrepancy: | | | |
| EAICD sections 3.3.2 and 3.4.1.3 mention "special value" which is confusing, I suggest using commonly accepted term "fill value". | | | |
| (D) INITIATOR RECOMMENDED SOLUTION: | | | |
| special value->fill value | | | |
| | | | Signature: |
| (E) PANEL RECOMMENDATIONS: | | | |
| Status: Accepted | Classification: Minor | Signature: | |
| (F) PANEL CHAIRMAN COORDINATION: | | | |
| Status: Accepted | Group(s): | Signature: | |

| Actions | | Project: Rosetta_FIN_Archive | | |
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| | | Review: Rosetta_FIN_Archiv Panel: Science | | |
| RID No: | Science-61 | | | |
| RID TITLE: | fill value (editorial) | | | |
| Action ID: | Initiator: | Actionee: | Due date: | Status: |
| 41699 | Khotyaintsev, Yuri | Eriksson, Anders | 30/09/2019 | Open |
| Action Title and Description: | EAICD fill value / 'special value' terminology | Correct / update EAICD sections 3.3.2 and 3.4.1.3 to change "special value" to "fill value". | | |

| ESA | Review Item Discrepancy | Rosetta_FIN_A Panel: | Rosetta_FIN_A Science |
|---|--|---------------------------------|----------------------------------|
| (A) TITLE: | Group delay correction inconsistency (EAICD) | RID No: | Science-60 |
| Orig. Ref.: | RPCLAP-EU-YK-010 | ID No: | 29354 |
| | | Originator: | Yuri Khotyaintsev |
| (B) DATAPACK DOCUMENT: | | | |
| RO-SGS-PR-1022-App6: RPC-LAP Rosetta FIN Science Archive Review Procedure (Issue:1.0) | | | |
| (C) DISCREPANCY: | | | |
| Requirements violated (Datapack Document): | | | |
| Page/Section/Para: | | | |
| Description of Discrepancy: | | | |
| Section 3.4.1.6 implicitly implies that the filter group delays have been corrected, while section 2.5.1 says that AC16 data have not been corrected. | | | |
| (D) INITIATOR RECOMMENDED SOLUTION: | | | |
| Make the two sections consistent. | | | |
| Signature: | | | |
| (E) PANEL RECOMMENDATIONS: | | | |
| Status: Accepted | Classification: Minor | Signature: | |
| (F) PANEL CHAIRMAN COORDINATION: | | | |
| Status: Accepted | Group(s): | Signature: | |

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| Actions | | Project: Rosetta_FIN_Archive | | |
| | | Review: Rosetta_FIN_Archiv Panel: Science | | |
| RID No: | Science-60 | | | |
| RID TITLE: | Group delay correction inconsistency (EAICD) | | | |
| Action ID: | Initiator: | Actionee: | Due date: | Status: |
| 41698 | Khotyaintsev, Yuri | Eriksson, Anders | 30/09/2019 | Open |
| Action Title and Description: | Update EAICD to clarify filter group delay correction | In the EAICD, check and correct/update Sections 3.4.1.6 and 2.5.1. The first implicitly implies that the filter group delays have been corrected, while section 2.5.1 says that AC16 data have not been corrected. | | |

| ESA | Review Item Discrepancy | Rosetta_FIN_A Panel: | Rosetta_FIN_A Science |
|---|------------------------------|--------------------------------------|--------------------------|
| (A) TITLE: Missing labels in Figure 2 EAICD | | RID No: Science-59 | |
| | | ID No: 29353 | |
| Orig. Ref.: RPCLAP-EU-YK-007 | | Originator: Yuri Khotyaintsev | |
| (B) DATAPACK DOCUMENT: | | | |
| RO-SGS-PR-1022-App6: RPC-LAP Rosetta FIN Science Archive Review Procedure (Issue:1.0) | | | |
| Page/Section/Para: | | | |
| (C) DISCREPANCY: | | | |
| Requirements violated (Datapack Document): | | | |
| Page/Section/Para: | | | |
| Description of Discrepancy: | | | |
| There are multiple lines in each of the panels in Figure 2 (EAICD), and it is unclear which of the filter they correspond to. | | | |
| (D) INITIATOR RECOMMENDED SOLUTION: | | | |
| Add labels to each of the lines to indicate the corresponding filter. | | | |
| | | | Signature: |
| (E) PANEL RECOMMENDATIONS: | | | |
| Status: Accepted | Classification: Minor | Signature: | |
| (F) PANEL CHAIRMAN COORDINATION: | | | |
| Status: Accepted | Group(s): | Signature: | |

| Actions | | Project: Rosetta_FIN_Archive | | |
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| | | Review: Rosetta_FIN_Archiv Panel: Science | | |
| RID No: | Science-59 | | | |
| RID TITLE: | Missing labels in Figure 2 EAICD | | | |
| Action ID: | Initiator: | Actionee: | Due date: | Status: |
| 41697 | Khotyaintsev, Yuri | Eriksson, Anders | 30/09/2019 | Open |
| Action Title and Description: | Update Figure 2 labels in the EAICD | Provide full labels for Figure 2 in the EAICD. Currently there are multiple lines in each of the panels and it is unclear which filter they correspond to. | | |

| ESA | Review Item Discrepancy | Rosetta_FIN_A Panel: | Rosetta_FIN_A Science |
|---|------------------------------|--------------------------------------|--------------------------|
| (A) TITLE: IXD QFLAG is incorrect | | RID No: Science-58 | |
| | | ID No: 29352 | |
| Orig. Ref.: RPCLAP-EU-YK-006 | | Originator: Yuri Khotyaintsev | |
| (B) DATAPACK DOCUMENT: | | | |
| RO-SGS-PR-1022-App6: RPC-LAP Rosetta FIN Science Archive Review Procedure (Issue:1.0) | | | |
| Page/Section/Para: | | | |
| (C) DISCREPANCY: | | | |
| Requirements violated (Datapack Document): | | | |
| Page/Section/Para: | | | |
| Description of Discrepancy: | | | |
| Instrumental problems in IXD not reflected in QFLAG. IXD QFLAG is always set to 0. Example LAP_20160222_0000_32S_I2D.TAB | | | |
| (D) INITIATOR RECOMMENDED SOLUTION: | | | |
| Correct QFLAG in I1D and I2D files. | | | |
| | | | Signature: |
| (E) PANEL RECOMMENDATIONS: | | | |
| Status: Accepted | Classification: Major | Signature: | |
| (F) PANEL CHAIRMAN COORDINATION: | | | |
| Status: Accepted | Group(s): | Signature: | |

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| Actions | | Project: Rosetta_FIN_Archive | | |
| | | Review: Rosetta_FIN_Archiv Panel: Science | | |
| RID No: | Science-58 | | | |
| RID TITLE: | IXD QFLAG is inclorrect | | | |
| Action ID: | Initiator: | Actionee: | Due date: | Status: |
| 41696 | Khotyaintsev, Yuri | Eriksson, Anders | 30/09/2019 | Open |
| Action Title and Description: | Correct QFLAG in I1D and I2D files | Correct QFLAG in I1D and I2D files to reflect the instrumental issues. Example LAP_20160222_0000_32S_I2D.TAB | | |

| ESA | Review Item Discrepancy | Rosetta_FIN_A Panel: | Rosetta_FIN_A Science |
|---|------------------------------|--------------------------------------|--------------------------|
| (A) TITLE: EFL leading spike | | RID No: Science-57 | |
| | | ID No: 29351 | |
| Orig. Ref.: RPCLAP-EU-YK-005 | | Originator: Yuri Khotyaintsev | |
| (B) DATAPACK DOCUMENT: | | | |
| RO-SGS-PR-1022-App6: RPC-LAP Rosetta FIN Science Archive Review Procedure (Issue:1.0) | | | |
| Page/Section/Para: | | | |
| (C) DISCREPANCY: | | | |
| Requirements violated (Datapack Document): | | | |
| Page/Section/Para: | | | |
| Description of Discrepancy: | | | |
| All EFL files start with a leading spike ~1 V/m parting for ~10 data points which is clearly of instrumental origin. This spike needs to be replaced by fill value and a corresponding QFLAG. | | | |
| (D) INITIATOR RECOMMENDED SOLUTION: | | | |
| Replace leading data points by fill value and indicate the problem by QFLAG. | | | |
| | | | Signature: |
| (E) PANEL RECOMMENDATIONS: | | | |
| Status: Accepted | Classification: Major | Signature: | |
| (F) PANEL CHAIRMAN COORDINATION: | | | |
| Status: Accepted | Group(s): | Signature: | |

| Actions | | Project: Rosetta_FIN_Archive | | |
|--------------------------------------|---|--|------------------|----------------|
| | | Review: Rosetta_FIN_Archiv Panel: Science | | |
| RID No: | Science-57 | | | |
| RID TITLE: | EFL leading spike | | | |
| Action ID: | Initiator: | Actionee: | Due date: | Status: |
| 41695 | Khotyaintsev, Yuri | Eriksson, Anders | 30/09/2019 | Open |
| Action Title and Description: | Correct the leading spike at the start of the EFL files | All EFL files start with a leading spike ~1 V/m parting for ~10 data points which is clearly of instrumental origin. This spike needs to be replaced by fill value and a corresponding QFLAG. Replace leading data points by fill value and indicate the problem by QFLAG. | | |

| ESA | Review Item Discrepancy | Rosetta_FIN_A Panel: | Rosetta_FIN_A Science |
|--|--------------------------------------|---------------------------------|----------------------------------|
| (A) TITLE: QVAL = 4 not described | RID No: Science-56 | | |
| | ID No: 29350 | | |
| Orig. Ref.: RPCLAP-EU-YK-004 | Originator: Yuri Khotyaintsev | | |
| (B) DATAPACK DOCUMENT: | | | |
| RO-SGS-PR-1022-App6: RPC-LAP Rosetta FIN Science Archive Review Procedure (Issue:1.0) | | | |
| Page/Section/Para: | | | |
| (C) DISCREPANCY: | | | |
| Requirements violated (Datapack Document): | | | |
| Page/Section/Para: | | | |
| Description of Discrepancy: | | | |
| QVAL = 4 appears in ASW files (example LAP_20160205_000414_914_ASW.TAB), but it is not described in section 3.3.2 of the EICD. Also, first part of the first paragraph in sec 3.3.2 is difficult to understand (about digits). | | | |
| (D) INITIATOR RECOMMENDED SOLUTION: | | | |
| Update the text and table in in section 3.3.2 of the EICD | | | |
| | | | Signature: |
| (E) PANEL RECOMMENDATIONS: | | | |
| Status: Accepted | Classification: Major | Signature: | |
| (F) PANEL CHAIRMAN COORDINATION: | | | |
| Status: Accepted | Group(s): | Signature: | |

| Actions | | Project: Rosetta_FIN_Archive | | |
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| | | Review: Rosetta_FIN_Archiv Panel: Science | | |
| RID No: | Science-56 | | | |
| RID TITLE: | QVAL = 4 not described | | | |
| Action ID: | Initiator: | Actionee: | Due date: | Status: |
| 41694 | Khotyaintsev, Yuri | Eriksson, Anders | 30/09/2019 | Open |
| Action Title and Description: | Describe/correct QVAL=4 | <p>Please check and correct / document the use of QVAL = 4 in ASW files (example LAP_20160205_000414_914_ASW.TAB). If it is correct, describe this fully in section 3.3.2 of the EICD.</p> <p>Check and correct the first part of the first paragraph in sec 3.3.2. The current description concerning the digits is difficult to understand.</p> | | |

| ESA | Review Item Discrepancy | Rosetta_FIN_A Panel: | Rosetta_FIN_A Science |
|---|--|--|--------------------------|
| (A) TITLE: | PHO QVAL is >0 event when fill value is used Orig. Ref.: RPCLAP-EU-YK-002 | RID No: Science-54 ID No: 29348 Originator: Yuri Khotyaintsev | |
| (B) DATAPACK DOCUMENT: RO-SGS-PR-1022-App6: RPC-LAP Rosetta FIN Science Archive Review Procedure (Issue:1.0) Page/Section/Para: | | | |
| (C) DISCREPANCY: Requirements violated (Datapack Document): Page/Section/Para: Description of Discrepancy: Dad data is replaced by fill value, but this is not reflected in the QVAL which stays >0. Example LAP_20160203_000000_60M_PHO.TAB | | | |
| (D) INITIATOR RECOMMENDED SOLUTION: Use QVAL=0 when fill values are used | | | |
| Signature: | | | |
| (E) PANEL RECOMMENDATIONS: Status: Accepted Classification: Major Signature: | | | |
| (F) PANEL CHAIRMAN COORDINATION: Status: Accepted Group(s): Signature: | | | |

| Actions | | Project: Rosetta_FIN_Archive | | |
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| | | Review: Rosetta_FIN_Archiv Panel: Science | | |
| RID No: | Science-54 | | | |
| RID TITLE: | PHO QVAL is >0 event when fill value is used | | | |
| Action ID: | Initiator: | Actionee: | Due date: | Status: |
| 41693 | Khotyaintsev, Yuri | Eriksson, Anders | 30/09/2019 | Open |
| Action Title and Description: | Correct the QVAL when fill value is used | Please change the QVAL to 0 when fill values are used. Currently, the use of fill value is not reflected in the QVAL which stays >0. Example LAP_20160203_000000_60M_PHO.TAB | | |

| ESA | Review Item Discrepancy | Rosetta_FIN_A Panel: | Rosetta_FIN_A Science |
|--|-------------------------|--|--------------------------|
| (A) TITLE: PSD qflag incorrect Orig. Ref.: RPCLAP-EU-YK-001 | | RID No: Science-53 ID No: 29347 Originator: Yuri Khotyaintsev | |
| (B) DATAPACK DOCUMENT: RO-SGS-PR-1022-App6: RPC-LAP Rosetta FIN Science Archive Review Procedure (Issue:1.0) Page/Section/Para: | | | |
| (C) DISCREPANCY: Requirements violated (Datapack Document): Page/Section/Para: Description of Discrepancy: qflag included in the PSD data products is incorrect (different from other products, does not reflect LDL interference, etc). Example LAP_20160201_180205_PSD_I1H.TAB | | | |
| (D) INITIATOR RECOMMENDED SOLUTION: correct the error | | | |
| | | | Signature: |
| (E) PANEL RECOMMENDATIONS: Status: Accepted Classification: Major Signature: | | | |
| (F) PANEL CHAIRMAN COORDINATION: Status: Accepted Group(s): Signature: | | | |

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| Actions | | Project: Rosetta_FIN_Archive | | |
| | | Review: Rosetta_FIN_Archiv Panel: Science | | |
| RID No: | Science-53 | | | |
| RID TITLE: | PSD qflag incorrect | | | |
| Action ID: | Initiator: | Actionee: | Due date: | Status: |
| 41692 | Khotyaintsev, Yuri | Eriksson, Anders | 30/09/2019 | Open |
| Action Title and Description: | Correct the qflag in the PSD products | Please check and correct the qflag included in the PSD data products. Currently it is different from other products, and does not reflect LDL interference, etc. For example, LAP_20160201_180205_PSD_I1H.TAB | | |

| ESA | Review Item Discrepancy | Rosetta_FIN_A Panel: | Rosetta_FIN_A Science |
|---|-------------------------|---|--------------------------|
| (A) TITLE: Incorrect unit on Figure Orig. Ref.: RPCLAP-US-RF-013 | | RID No: Science-31 ID No: 29255 Originator: Rudy Frahm | |
| (B) DATAPACK DOCUMENT: RO-SGS-PR-1022-App6: RPC-LAP Rosetta FIN Science Archive Review Procedure (Issue:1.0) Page/Section/Para: ro-c-rpclap-5-ext1-deriv2-v1.0 | | | |
| (C) DISCREPANCY: Requirements violated (Datapack Document): Page/Section/Para: ro-irfu-lap-ug.pdf, Figure 8 Description of Discrepancy: The frequency range given in the FRQ TAB file (kHz) does not agree with those shown on Figure 8 in the in the ro-irfu-lap-ug.pdf document (Hz). It is assumed that the values shown in Figure 8 are are correct, the unit label is incorrect. | | | |
| (D) INITIATOR RECOMMENDED SOLUTION: Check this and update the figure if this is the issue | | | |
| Signature: | | | |
| (E) PANEL RECOMMENDATIONS: Status: Accepted Classification: Minor Signature: | | | |
| (F) PANEL CHAIRMAN COORDINATION: Status: Accepted Group(s): Signature: | | | |

| Actions | | Project: Rosetta_FIN_Archive | | |
|--------------------------------------|--------------------------|--|------------------|----------------|
| | | Review: Rosetta_FIN_Archiv Panel: Science | | |
| RID No: | Science-31 | | | |
| RID TITLE: | Incorrect unit on Figure | | | |
| Action ID: | Initiator: | Actionee: | Due date: | Status: |
| 41691 | Frahm, Rudy | Eriksson, Anders | 30/09/2019 | Open |
| Action Title and Description: | Correct frequency range | Check the frequency range given in the FRQ TAB file (kHz) against those shown on Figure 8 in the in the ro-irfu-lap-ug.pdf document (Hz), and correct as needed to remove the inconsistency. | | |

| ESA | Review Item Discrepancy | Rosetta_FIN_A Panel: | Rosetta_FIN_A Science |
|---|------------------------------|-------------------------------|--------------------------|
| (A) TITLE: missing time width value | | RID No: Science-29 | |
| | | ID No: 29253 | |
| Orig. Ref.: RPCLAP-US-RF-011 | | Originator: Rudy Frahm | |
| (B) DATAPACK DOCUMENT: | | | |
| RO-SGS-PR-1022-App6: RPC-LAP Rosetta FIN Science Archive Review Procedure (Issue:1.0) | | | |
| Page/Section/Para: ro-c-rpclap-5-ext1-deriv2-v1.0 | | | |
| (C) DISCREPANCY: | | | |
| Requirements violated (Datapack Document): | | | |
| Page/Section/Para: EAICD and/or LAP Users Guide | | | |
| Description of Discrepancy: | | | |
| Appropriate time width values are not described in the documentation. In order to determine the location in time, it is not enough to know only one time tag, but you must also know the duration of time for which the measurement occurs. As an example, there is no information to tell the user to use the file name along with information in the cadence row of irfu-lapmac-160804_ext1.pdf to determine the accumulation time for a product. In some cases, there is accumulation width information within the file name while others, it has to be determined from other documentation. This information needs to be made clear. In the case of the EFL files, there is a more complicated way to figure the accumulation width. This information needs to be included in a special section on timing. It is important to place the data at the correct time and with the correct width it represents so that the data can be compared against data from other instruments. | | | |
| (D) INITIATOR RECOMMENDED SOLUTION: | | | |
| Add a section on time width to the EAICD and/or LAP Users Guide which details how the user represents the various forms of the LAP data. | | | |
| | | | Signature: |
| (E) PANEL RECOMMENDATIONS: | | | |
| Status: Accepted | Classification: Major | Signature: | |
| (F) PANEL CHAIRMAN COORDINATION: | | | |
| Status: Accepted | Group(s): | Signature: | |

| Actions | | Project: Rosetta_FIN_Archive | | |
|--------------------------------------|---|---|------------------|----------------|
| | | Review: Rosetta_FIN_Archiv Panel: Science | | |
| RID No: | Science-29 | | | |
| RID TITLE: | missing time width value | | | |
| Action ID: | Initiator: | Actionee: | Due date: | Status: |
| 41690 | Frahm, Rudy | Eriksson, Anders | 30/09/2019 | Open |
| Action Title and Description: | Improve documentation on time widths for various file types | <p>Provide a section on time width in the EAICD and/or LAP Users Guide detailing how the user represents the various forms of the LAP data. Currently, in some cases, there is accumulation width information within the file name while for others, it has to be determined from documentation. Please add a discrete section to the EAICD and LAP UG to make it clear and describe how a user can find this information for each file type.</p> <p>NOTE: Examples of the discrepancies found by the reviewer are provided in the attachments to the RID. You can access these examples from the eRID tab, clicking on the green bubble in the top-right of the Details panel.</p> | | |

| ESA | Review Item Discrepancy | Rosetta_FIN_A Panel: | Rosetta_FIN_A Science |
|--|------------------------------|-------------------------|--------------------------|
| (A) TITLE: Extra files in Document Directory | RID No: | Science-24 | |
| | ID No: | 29248 | |
| Orig. Ref.: RPCLAP-US-RF-006 | Originator: | Rudy Frahm | |
| (B) DATAPACK DOCUMENT: | | | |
| RO-SGS-PR-1022-App6: RPC-LAP Rosetta FIN Science Archive Review Procedure (Issue:1.0) | | | |
| Page/Section/Para: ro-c-rpclap-5-ext1-deriv2-v1.0 | | | |
| (C) DISCREPANCY: | | | |
| Requirements violated (Datapack Document): | | | |
| Page/Section/Para: RO-IRFU-LAP-EAICD.PDF, Section 4.4.3.5 Document Directory, page 85 | | | |
| Description of Discrepancy: | | | |
| there appear to be additional data files in the document directory not listed in the table.. | | | |
| (D) INITIATOR RECOMMENDED SOLUTION: | | | |
| It looks like this table has not been updated | | | |
| | | | Signature: |
| (E) PANEL RECOMMENDATIONS: | | | |
| Status: Accepted | Classification: Major | Signature: | |
| (F) PANEL CHAIRMAN COORDINATION: | | | |
| Status: Accepted | Group(s): | Signature: | |

| Actions | | Project: Rosetta_FIN_Archive | | |
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| | | Review: Rosetta_FIN_Archiv Panel: Science | | |
| RID No: | Science-24 | | | |
| RID TITLE: | Extra files in Document Directory | | | |
| Action ID: | Initiator: | Actionee: | Due date: | Status: |
| 41685 | Frahm, Rudy | Eriksson, Anders | 30/09/2019 | Open |
| Action Title and Description: | Update / correct document list in the EAICD | <p data-bbox="756 376 1516 409">In the EAICD, Section 4.4.3.5, Page 85:</p> <p data-bbox="756 443 1490 622">Ensure that all files provided in the DOCUMENT directory are listed here. For this review, there were a number of files provided but not described in the EAICD, including the XCal report outline, the RPC_USER_GUIDE and its LBL, the LAP UG and its LBL, and the RO-IRFU-LAPMAC-160804_EXT1.PDF and LBL.</p> <p data-bbox="756 656 1484 714">Please update the EAICD accordingly and make sure all files provided are listed there as well.</p> | | |

| ESA | Review Item Discrepancy | Rosetta_FIN_A Panel: | Rosetta_FIN_A Science |
|---|-------------------------------|-------------------------|--------------------------|
| (A) TITLE: Edited timing location | RID No: Science-28 | | |
| | ID No: 29252 | | |
| Orig. Ref.: RPCLAP-US-RF-010 | Originator: Rudy Frahm | | |
| (B) DATAPACK DOCUMENT: | | | |
| RO-SGS-PR-1022-App6: RPC-LAP Rosetta FIN Science Archive Review Procedure (Issue:1.0) | | | |
| Page/Section/Para: ro-c-rpclap-5-ext1-deriv2-v1.0 | | | |
| (C) DISCREPANCY: | | | |
| Requirements violated (Datapack Document): | | | |
| Page/Section/Para: missing information in EAICD and/or LAP Users Guide | | | |
| Description of Discrepancy: | | | |
| The statement about single time tags being placed at the center of the accumulation period needs to be placed into a separate section applicable to all Level 5 data products which include only one time tag in the data file. It needs to be made clear that the time tag for these files (ASW, pho, usc...) is at the center of the accumulation interval for these files (ASW, pho, usc...). Not all of the level 5 data products have one time tag. For those which have tow time tags, this specifies the start and stop times over which the data is valid. this will eliminate having to make the assumption of how to locate the time tage within the accumulation interval. | | | |
| (D) INITIATOR RECOMMENDED SOLUTION: | | | |
| Update the EAICD and/or LAP Users Guide | | | |
| Signature: | | | |
| (E) PANEL RECOMMENDATIONS: | | | |
| Status: Accepted | Classification: Major | Signature: | |
| (F) PANEL CHAIRMAN COORDINATION: | | | |
| Status: Accepted | Group(s): | Signature: | |

| Actions | | Project: Rosetta_FIN_Archive | | |
|--------------------------------------|--|--|------------------|----------------|
| | | Review: Rosetta_FIN_Archiv Panel: Science | | |
| RID No: | Science-28 | | | |
| RID TITLE: | Edited timing location | | | |
| Action ID: | Initiator: | Actionee: | Due date: | Status: |
| 41684 | Frahm, Rudy | Eriksson, Anders | 30/09/2019 | Open |
| Action Title and Description: | Improve description of timing location | Update the EAICD and the LAP User Guide to include a stand-alone section applicable to all L5 data products which include only one time tag in the data file. Within that section make it clear that the time tag for these files (ASW, pho, usc...) is at the center of the accumulation interval for these files (ASW, pho, usc...). | | |

| ESA | Review Item Discrepancy | Rosetta_FIN_A Panel: | Rosetta_FIN_A Science |
|--|---|-------------------------|--------------------------|
| (A) TITLE: RO-IRFU-LAP-EAICD.PDF Editorials Orig. Ref.: RPCLAP-US-RF-008 | RID No: Science-26 ID No: 29250 Originator: Rudy Frahm | | |
| (B) DATAPACK DOCUMENT: RO-SGS-PR-1022-App6: RPC-LAP Rosetta FIN Science Archive Review Procedure (Issue:1.0) Page/Section/Para: ro-c-rpclap-5-ext1-deriv2-v1.0 | | | |
| (C) DISCREPANCY: Requirements violated (Datapack Document): Page/Section/Para: RO-IRFU-LAP-EAICD.PDF various locations Description of Discrepancy: Editorial mark-ups for RO-IRFU-LAP-EAICD.PDF are attached | | | |
| (D) INITIATOR RECOMMENDED SOLUTION: fix Them! | | | |
| | | | Signature: |
| (E) PANEL RECOMMENDATIONS: Status: Accepted Classification: Minor Signature: | | | |
| (F) PANEL CHAIRMAN COORDINATION: Status: Accepted Group(s): Signature: | | | |

| Actions | | Project: Rosetta_FIN_Archive | | |
|--------------------------------------|----------------------------------|--|------------------|----------------|
| | | Review: Rosetta_FIN_Archiv Panel: Science | | |
| RID No: | Science-26 | | | |
| RID TITLE: | RO-IRFU-LAP-EAICD.PDF Editorials | | | |
| Action ID: | Initiator: | Actionee: | Due date: | Status: |
| 41683 | Frahm, Rudy | Eriksson, Anders | 30/09/2019 | Open |
| Action Title and Description: | RO-IRFU-LAP-EAICD.PDF Editorials | Please correct the editorial issues found by the reviewer and noted in the attachment to the RID. You can access the attachment in the eRID tab, clicking on the small green number in the top-right of the Details panel. | | |

| ESA | Review Item Discrepancy | Rosetta_FIN_A Panel: | Rosetta_FIN_A Science |
|--|------------------------------|-------------------------|--------------------------|
| (A) TITLE: Incompatible Text with Byte Structure | | RID No: | Science-25 |
| | | ID No: | 29249 |
| Orig. Ref.: RPCLAP-US-RF-007 | | Originator: | Rudy Frahm |
| (B) DATAPACK DOCUMENT: | | | |
| RO-SGS-PR-1022-App6: RPC-LAP Rosetta FIN Science Archive Review Procedure (Issue:1.0) | | | |
| Page/Section/Para: ro-c-rpclap-5-ext1-deriv2-v1.0 | | | |
| (C) DISCREPANCY: | | | |
| Requirements violated (Datapack Document): | | | |
| Page/Section/Para: RO-IRFU-LAP-EAICD.PDF, Section 5.3.2.3.5. Plasma Density, page 133 | | | |
| Description of Discrepancy: | | | |
| The number of Bytes allocated for the variable of UTC time is not adequate to hold the length of the time given in the description | | | |
| (D) INITIATOR RECOMMENDED SOLUTION: | | | |
| Adjust the one which is incorrect | | | |
| | | | Signature: |
| (E) PANEL RECOMMENDATIONS: | | | |
| Status: Accepted | Classification: Minor | Signature: | |
| (F) PANEL CHAIRMAN COORDINATION: | | | |
| Status: Accepted | Group(s): | Signature: | |

| Actions | | Project: Rosetta_FIN_Archive | | |
|--------------------------------------|--|---|------------------|----------------|
| | | Review: Rosetta_FIN_Archiv Panel: Science | | |
| RID No: | Science-25 | | | |
| RID TITLE: | Incompatible Text with Byte Structure | | | |
| Action ID: | Initiator: | Actionee: | Due date: | Status: |
| 41682 | Frahm, Rudy | Eriksson, Anders | 30/09/2019 | Open |
| Action Title and Description: | Check and correct description/bytes of TIME.UTC column | <p>In the EAICD, Section 5.3.2.3.5, page 133: Please correct the DESCRIPTION *and/or* the BYTES value(s) for the TIME.UTC column accordingly. The description currently requires 25 bytes, but the byte value is 23.</p> <p>*IMPORTANT*: Please also check the data products for the same issue, and correct as appropriate!</p> | | |

| ESA | Review Item Discrepancy | Rosetta_FIN_A Panel: | Rosetta_FIN_A Science |
|---|------------------------------|-------------------------|--------------------------|
| (A) TITLE: Incorrect coordinate specification | RID No: | Science-23 | |
| | ID No: | 29247 | |
| Orig. Ref.: RPCLAP-US-RF-005 | Originator: | Rudy Frahm | |
| (B) DATAPACK DOCUMENT: | | | |
| RO-SGS-PR-1022-App6: RPC-LAP Rosetta FIN Science Archive Review Procedure (Issue:1.0) | | | |
| Page/Section/Para: ro-c-rpclap-5-ext1-deriv2-v1.0 | | | |
| (C) DISCREPANCY: | | | |
| Requirements violated (Datapack Document): | | | |
| Page/Section/Para: ro-c-rpclap-5-ext1-deriv2-v1.0 section 3.5, page 66 | | | |
| Description of Discrepancy: | | | |
| Editorial comment: I believe that when referring to the X coordinate of the TSEQ system, I think that you meant to say that it was the same as the coordinate TSO system. | | | |
| (D) INITIATOR RECOMMENDED SOLUTION: | | | |
| update text | | | |
| | | | Signature: |
| (E) PANEL RECOMMENDATIONS: | | | |
| Status: Accepted | Classification: Minor | Signature: | |
| (F) PANEL CHAIRMAN COORDINATION: | | | |
| Status: Accepted | Group(s): | Signature: | |

| Actions | | Project: Rosetta_FIN_Archive | | |
|--------------------------------------|------------------------------------|--|------------------|----------------|
| | | Review: Rosetta_FIN_Archiv Panel: Science | | |
| RID No: | Science-23 | | | |
| RID TITLE: | Incorrect coordinate specification | | | |
| Action ID: | Initiator: | Actionee: | Due date: | Status: |
| 41681 | Frahm, Rudy | Eriksson, Anders | 30/09/2019 | Open |
| Action Title and Description: | Correct the coordinate definition | EAICD Section 3.5, page 66: Correct the text: when referring to the X coordinate of the TSEQ system, please correct to say that it was the same as the coordinate TSO system. | | |

| ESA | Review Item Discrepancy | Rosetta_FIN_A Panel: | Rosetta_FIN_A Science |
|---|---|-------------------------|--------------------------|
| (A) TITLE: undefined parameters - conflict with other documen Orig. Ref.: RPCLAP-US-RF-004 | RID No: Science-22 ID No: 29246 Originator: Rudy Frahm | | |
| (B) DATAPACK DOCUMENT: RO-SGS-PR-1022-App6: RPC-LAP Rosetta FIN Science Archive Review Procedure (Issue:1.0) ro-c-rpclap-5-ext1-deriv2-v1.0 Page/Section/Para: | | | |
| (C) DISCREPANCY: Requirements violated (Datapack Document): Page/Section/Para: RO-IRFU-LAP-EAICD.PDF Section 2.6.7, page 44 Description of Discrepancy: Equation definitions are not defined properly. Some undefined symbols conflict with other symbols in this document. The authors should define all terms. For example, the value of e can mean the natural number 2.71828, the charge on an electron 1.602e-19 C. or in the case of elsewhere in this document, the probe number. The value of q has also been defined elsewhere in this document to mean charge on an ion. Rather than go through this document and make the notation consistent, just define all of the symbols in this equation | | | |
| (D) INITIATOR RECOMMENDED SOLUTION: Please define all terms | | | |
| Signature: | | | |
| (E) PANEL RECOMMENDATIONS: Status: Accepted Classification: Major Signature: | | | |
| (F) PANEL CHAIRMAN COORDINATION: Status: Accepted Group(s): Signature: | | | |

| Actions | | Project: Rosetta_FIN_Archive | | |
|--------------------------------------|--|--|------------------|----------------|
| | | Review: Rosetta_FIN_Archiv Panel: Science | | |
| RID No: | Science-22 | | | |
| RID TITLE: | undefined parameters - conflict with other documen | | | |
| Action ID: | Initiator: | Actionee: | Due date: | Status: |
| 41680 | Frahm, Rudy | Eriksson, Anders | 30/09/2019 | Open |
| Action Title and Description: | Define all parameters in equations | Define all terms and parameters used in each equation in the documentation. The specific example provided by the reviewer corresponds to the RO-IRFU-LAP-EAICD.PDF document, Section 2.6.7, Page 44. However, please check through the document in full and ensure that each equation has all parameters defined locally so that the reader does not have to work through the entire document to understand what each term/parameter means. | | |

| ESA | Review Item Discrepancy | Rosetta_FIN_A Panel: | Rosetta_FIN_A Science |
|---|--|-------------------------|--------------------------|
| (A) TITLE: | LAP_Xcal_Report_Outline.pdf not ready to archive | RID No: | Science-21 |
| | | ID No: | 29245 |
| Orig. Ref.: | RPCLAP-US-RF-003 | Originator: | Rudy Frahm |
| (B) DATAPACK DOCUMENT: | | | |
| RO-SGS-PR-1022-App6: RPC-LAP Rosetta FIN Science Archive Review Procedure (Issue:1.0) ro-c-rpclap-5-ext1-deriv2-v1.0 | | | |
| Page/Section/Para: | | | |
| (C) DISCREPANCY: | | | |
| Requirements violated (Datapack Document): | | | |
| Page/Section/Para: various places in the document LAP_Xcal_Report_Outline.pdf | | | |
| Description of Discrepancy: | | | |
| If this report is to be archived, then it must be improved. There are places in this presentation which include references to people by first names, and the meaning is lost. There are references to papers which are non-standard and can not easily be identified. There are notes which are most likely now resolved and should be removed or updated, It could benefit from improving some of the figures and some of the axes are missing labels. An unknown math symbol is included which should be defined. Attached are some examples. | | | |
| (D) INITIATOR RECOMMENDED SOLUTION: | | | |
| The authors should decide if this document is of benefit to the user of the archive. If not, remove this document; however, if there is benefit to keeping it, then this document should be improved so that it can be understood by the user. | | | |
| | | | Signature: |
| (E) PANEL RECOMMENDATIONS: | | | |
| Status: Accepted | Classification: Major | Signature: | |
| (F) PANEL CHAIRMAN COORDINATION: | | | |
| Status: Accepted | Group(s): | Signature: | |

| Actions | | Project: Rosetta_FIN_Archive | | |
|--------------------------------------|---|---|------------------|----------------|
| | | Review: Rosetta_FIN_Archiv Panel: Science | | |
| RID No: | Science-21 | | | |
| RID TITLE: | LAP_Xcal_Report_Outline.pdf not ready to archive | | | |
| Action ID: | Initiator: | Actionee: | Due date: | Status: |
| 41575 | Frahm, Rudy | Eriksson, Anders | 30/09/2019 | Open |
| Action Title and Description: | Updates to the cross calibration report before submission for archiving | <p>Ensure that the final cross calibration report accounts for the following issues highlighted by the reviewer:</p> <p>Provide full references to people and do not refer by first name only.</p> <p>Update the paper references to make them standard and understandable.</p> <p>Update/complete/remove notes which are most likely now resolved</p> <p>Improve the figures and ensure all axes have labels.</p> <p>Correct / define any unknown math symbols used.</p> <p>NOTE: Some examples of the above issues are provided as attachments to the RID. To access these, click on the 'eRID' tab above and then click on the green number in the top-right of the Details panel.</p> | | |

| ESA | Review Item Discrepancy | Rosetta_FIN_A Panel: | Rosetta_FIN_A Science |
|--|-------------------------------|-------------------------|--------------------------|
| (A) TITLE: Picture Figure not intelligible | RID No: Science-19 | | |
| | ID No: 29243 | | |
| Orig. Ref.: RPCLAP-US-RF-001 | Originator: Rudy Frahm | | |
| (B) DATAPACK DOCUMENT: | | | |
| RO-SGS-PR-1022-App6: RPC-LAP Rosetta FIN Science Archive Review Procedure (Issue:1.0) | | | |
| Page/Section/Para: ro-c-rpclap-5-ext1-deriv2-v1.0 | | | |
| (C) DISCREPANCY: | | | |
| Requirements violated (Datapack Document): | | | |
| Page/Section/Para: ro-irfu-lap-ug.pdf, Figure 1b | | | |
| Description of Discrepancy: | | | |
| Can not identify anything in this picture. It seems blurred and it can not be understood. Unable to identify items requested by the reader. | | | |
| (D) INITIATOR RECOMMENDED SOLUTION: | | | |
| You could replace this figure with a better one and annotate it so that the reader can understand the orientation or it could be eliminated entirely. Eliminating Figure 1b would not effect the document. | | | |
| Signature: | | | |
| (E) PANEL RECOMMENDATIONS: | | | |
| Attachment shows the Figure in question. | | | |
| Status: Accepted | Classification: Minor | Signature: | |
| (F) PANEL CHAIRMAN COORDINATION: | | | |
| Status: Accepted | Group(s): | Signature: | |

| | | | | |
|--------------------------------------|---------------------------------|--|------------------|----------------|
| Actions | | Project: Rosetta_FIN_Archive | | |
| | | Review: Rosetta_FIN_Archiv Panel: Science | | |
| RID No: | Science-19 | | | |
| RID TITLE: | Picture Figure not intelligible | | | |
| Action ID: | Initiator: | Actionee: | Due date: | Status: |
| 41572 | Frahm, Rudy | Eriksson, Anders | 30/09/2019 | Open |
| Action Title and Description: | Update Figure1 in RPC LAP UG | Update Figure 1 in the RPC LAP UG and annotate it so that the reader can understand the orientation. | | |

| ESA | Review Item Discrepancy | Rosetta_FIN_A Panel: | Rosetta_FIN_A Technical |
|---|-------------------------|--|----------------------------|
| (A) TITLE: Data label suggestions Orig. Ref.: RPCLAP-US-TB-003 | | RID No: Technical-57 ID No: 29241 Originator: Tilden Barnes | |
| (B) DATAPACK DOCUMENT: RO-SGS-PR-1022-App6: RPC-LAP Rosetta FIN Science Archive Review Procedure (Issue:1.0) Page/Section/Para: DATA/DERIVED/2016/FEB/*/*.LBL | | | |
| (C) DISCREPANCY: Requirements violated (Datapack Document): Page/Section/Para: Description of Discrepancy: files: 'DATA/DERIVED/2016/FEB/*/*.LBL' --> Best to move the LABEL_REVISION_NOTE to just (or shortly after) the PDS_VERSION_ID keyword. Currently it is buried 16 lines in. --> DATA_SET_PARAMETER_NAME: Highly recommend not splitting individual values across two lines, especially when it is on the only value on a line. --> --> For example DATA//DERIVED/2016/FEB/D29/LAP_20160229_000000_914_NPL.LBL --> Strongly suggest adding the FORMAT keyword for each COLUMN. | | | |
| (D) INITIATOR RECOMMENDED SOLUTION: Consider suggestions for implementations. | | | |
| Signature: | | | |
| (E) PANEL RECOMMENDATIONS: Status: Accepted Classification: Minor Signature: | | | |
| (F) PANEL CHAIRMAN COORDINATION: Status: Accepted Group(s): Signature: | | | |

| Actions | | Project: Rosetta_FIN_Archive | | |
|--------------------------------------|------------------------|---|------------------|----------------|
| | | Review: Rosetta_FIN_Archiv Panel: Technical | | |
| RID No: | Technical-57 | | | |
| RID TITLE: | Data label suggestions | | | |
| Action ID: | Initiator: | Actionee: | Due date: | Status: |
| 41571 | Barnes, Tilden | Eriksson, Anders | 30/09/2019 | Open |
| Action Title and Description: | LBL file fixes | <p>Make the following updates to the files: 'DATA/DERIVED/2016/FEB/*/*.LBL'</p> <p>--> Move the LABEL_REVISION_NOTE to just (or shortly after) the PDS_VERSION_ID keyword. Currently it is buried 16 lines in.</p> <p>--> DATA_SET_PARAMETER_NAME: Ensure that individual values are not split across two lines.</p> <p>--> Add the FORMAT keyword for each COLUMN.</p> | | |

| ESA | Review Item Discrepancy | Rosetta_FIN_A Panel: | Rosetta_FIN_A Technical |
|--|-------------------------|--|----------------------------|
| (A) TITLE: DATASET.CAT notes Orig. Ref.: RPCLAP-US-TB-002 | | RID No: Technical-56 ID No: 29240 Originator: Tilden Barnes | |
| (B) DATAPACK DOCUMENT: RO-SGS-PR-1022-App6: RPC-LAP Rosetta FIN Science Archive Review Procedure (Issue:1.0) Page/Section/Para: CATALOG/DATASET.CAT | | | |
| (C) DISCREPANCY: Requirements violated (Datapack Document): Page/Section/Para: Description of Discrepancy: file: 'CATALOG/DATASET.CAT' --> DATA_SET_DESC: The NOTICE section should be updated to reflect the real situation of the data set prior to posting. --> Strongly suggest specifying in the ABSTRACT_DESC what type of "DERIVED" data is found in the data sets. | | | |
| (D) INITIATOR RECOMMENDED SOLUTION: Consider and implement. | | | |
| Signature: | | | |
| (E) PANEL RECOMMENDATIONS: Status: Accepted Classification: Minor Signature: | | | |
| (F) PANEL CHAIRMAN COORDINATION: Status: Accepted Group(s): Signature: | | | |

| Actions | | Project: Rosetta_FIN_Archive | | |
|--------------------------------------|---------------------|---|------------------|----------------|
| | | Review: Rosetta_FIN_Archiv Panel: Technical | | |
| RID No: | Technical-56 | | | |
| RID TITLE: | DATASET.CAT notes | | | |
| Action ID: | Initiator: | Actionee: | Due date: | Status: |
| 41570 | Barnes, Tilden | Eriksson, Anders | 30/09/2019 | Open |
| Action Title and Description: | DATASET.CAT updates | --> DATA_SET_DESC: The NOTICE section should be updated to reflect the real situation of the data set prior to posting. --> In the ABSTRACT_DESC, specify what type of "DERIVED" data is found in the data sets. | | |

| ESA | Review Item Discrepancy | Rosetta_FIN_A Panel: | Rosetta_FIN_A Technical |
|---|------------------------------|----------------------------------|----------------------------|
| (A) TITLE: PDF/A compliance | | RID No: Technical-55 | |
| | | ID No: 29239 | |
| Orig. Ref.: RPCLAP-US-TB-001 | | Originator: Tilden Barnes | |
| (B) DATAPACK DOCUMENT: | | | |
| RO-SGS-PR-1022-App6: RPC-LAP Rosetta FIN Science Archive Review Procedure (Issue:1.0) | | | |
| Page/Section/Para: DOCUMENT/*.PDF | | | |
| (C) DISCREPANCY: | | | |
| Requirements violated (Datapack Document): | | | |
| Page/Section/Para: | | | |
| Description of Discrepancy: | | | |
| file: 'DOCUMENT/*.PDF' and 'LAP_Xcal_Report_Outline.pdf' | | | |
| --> These files needs to be PDF/A-1a or 1b compliant: RO-IRFU-LAP-EAICD.PDF, RO-IRFU-LAP-UG.PDF, RPC_USER_GUIDE.PDF | | | |
| (D) INITIATOR RECOMMENDED SOLUTION: | | | |
| Make compliant. PDS-SBN can help. | | | |
| | | | Signature: |
| (E) PANEL RECOMMENDATIONS: | | | |
| Status: Accepted | Classification: Minor | Signature: | |
| (F) PANEL CHAIRMAN COORDINATION: | | | |
| Status: Accepted | Group(s): | Signature: | |

| | | | | |
|--------------------------------------|---|--|------------------|----------------|
| Actions | | Project: Rosetta_FIN_Archive | | |
| | | Review: Rosetta_FIN_Archiv Panel: Technical | | |
| RID No: | Technical-55 | | | |
| RID TITLE: | PDF/A compliance | | | |
| Action ID: | Initiator: | Actionee: | Due date: | Status: |
| 41569 | Barnes, Tilden | Eriksson, Anders | 30/09/2019 | Open |
| Action Title and Description: | Ensure documents are PDF/A-1a or 1b compliant | Ensure that the following documents are PDF/A-1a or 1b compliant: 'DOCUMENT/*.PDF' and 'LAP_Xcal_Report_Outline.pdf', Note: PDS are willing to help with the conversion if needed. | | |

| ESA | Review Item Discrepancy | Rosetta_FIN_A Panel: | Rosetta_FIN_A Science |
|--|-------------------------------|-------------------------|--------------------------|
| (A) TITLE: Frequency Width | RID No: Science-30 | | |
| | ID No: 29254 | | |
| Orig. Ref.: RPCLAP-US-RF-012 | Originator: Rudy Frahm | | |
| (B) DATAPACK DOCUMENT: | | | |
| RO-SGS-PR-1022-App6: RPC-LAP Rosetta FIN Science Archive Review Procedure (Issue:1.0) | | | |
| Page/Section/Para: ro-c-rpclap-5-ext1-deriv2-v1.0 | | | |
| (C) DISCREPANCY: | | | |
| Requirements violated (Datapack Document): | | | |
| Page/Section/Para: missing information from the EAICD and/or LAP Users Guide | | | |
| Description of Discrepancy: | | | |
| The UTC Time range is given in the PSD IH TAB file and a frequency table is given in the FRQ file; however, the frequency width is not given in either the FRQ or PSD IH files. Comparison with Figure 8 in the in the ro-irfu-lap-ug.pdf document shows that the first frequency bands begin at 0.0 Hz and shows continuously from one frequency value to the next. Therefore, the PSD frequencies are assumed to specify the lowest frequency value for each frequency step which has a width continuing to the next step. The frequency width of the highest step is assumed to be the same as determined from the second highest step. | | | |
| (D) INITIATOR RECOMMENDED SOLUTION: | | | |
| Include information about the frequency scale, including the frequency width. | | | |
| Signature: | | | |
| (E) PANEL RECOMMENDATIONS: | | | |
| Status: Accepted | Classification: Major | Signature: | |
| (F) PANEL CHAIRMAN COORDINATION: | | | |
| Status: Accepted | Group(s): | Signature: | |

| Actions | | Project: Rosetta_FIN_Archive | | |
|--------------------------------------|------------------------------|---|------------------|----------------|
| | | Review: Rosetta_FIN_Archiv Panel: Science | | |
| RID No: | Science-30 | | | |
| RID TITLE: | Frequency Width | | | |
| Action ID: | Initiator: | Actionee: | Due date: | Status: |
| 41568 | Frahm, Rudy | Eriksson, Anders | 30/09/2019 | Open |
| Action Title and Description: | Document the frequency width | <p>The UTC Time range is given in the PSD IH TAB file and a frequency table is given in the FRQ file; however, the frequency width is not given in either the FRQ or PSD IH files.</p> <p>Update the documentation to include information about the frequency scale, including the frequency width.</p> | | |