

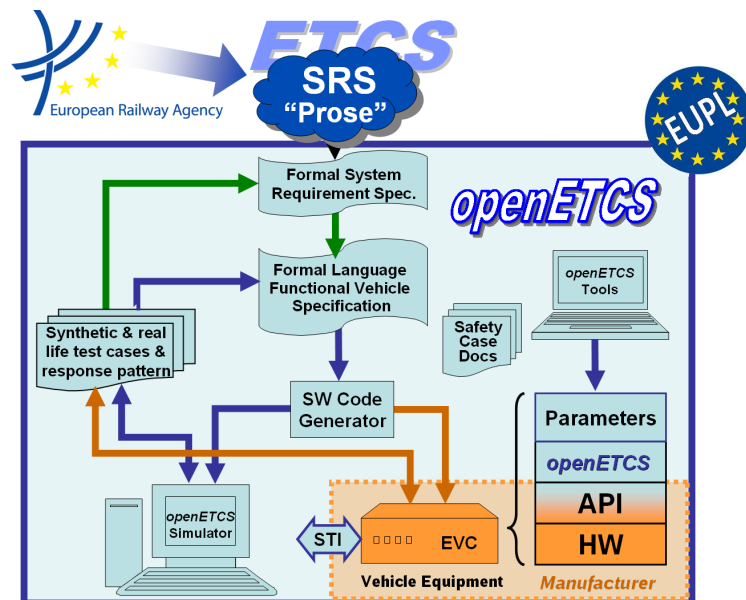
Work-Package 4: “Governance and Validation”

## How To Use the SRS Findings Reporting Template

 Defined in Issue: <https://github.com/openETCS/validation/issues/52>

Hekele Bernd

November 2013



Funded by:


 Federal Ministry  
 of Education  
 and Research

 Région de  
 Bruxelles-  
 Capitale

 GOBIERNO  
 DE ESPAÑA

 MINISTERIO  
 DE INDUSTRIA, ENERGÍA  
 Y TURISMO

This page is intentionally left blank

**Work-Package 4: “Governance and Validation”**

**OETCS/WP4/D0?  
November 2013**

# How To Use the SRS Findings Reporting Template

**Defined in Issue:** <https://github.com/openETCS/validation/issues/52>

Hekele Bernd

Deutsche Bahn AG / DB Netz AG  
openETCS Project Group  
Voelckerstrasse 5  
80939 Muenchen, Germany

eMail: [bernd.hekele@deutschebahn.com](mailto:bernd.hekele@deutschebahn.com)  
WebSite: [www.openETCS.org](http://www.openETCS.org)

Procedure

Prepared for openETCS@ITEA2 Project

**Abstract:** This document introduces the process on how to document findings in the SRS and the template for documenting findings in the SRS specification. We plan to use this information for reporting problems to the author of the specification.

**Disclaimer:** This work is licensed under the "openETCS Open License Terms" (oOLT) dual Licensing: European Union Public Licence (EURL v.1.1+) AND Creative Commons Attribution-ShareAlike 3.0 – (cc by-sa 3.0)

THE WORK IS PROVIDED UNDER openETCS OPEN LICENSE TERMS (oOLT) WHICH IS A DUAL LICENSE AGREEMENT INCLUDING THE TERMS OF THE EUROPEAN UNION PUBLIC LICENSE (VERSION 1.1 OR ANY LATER VERSION) AND THE TERMS OF THE CREATIVE COMMONS PUBLIC LICENSE ("CCPL"). THE WORK IS PROTECTED BY COPYRIGHT AND/OR OTHER APPLICABLE LAW. ANY USE OF THE WORK OTHER THAN AS AUTHORIZED UNDER THIS OLT LICENSE OR COPYRIGHT LAW IS PROHIBITED.

BY EXERCISING ANY RIGHTS TO THE WORK PROVIDED HERE, YOU ACCEPT AND AGREE TO BE BOUND BY THE TERMS OF THIS LICENSE. TO THE EXTENT THIS LICENSE MAY BE CONSIDERED TO BE A CONTRACT, THE LICENSOR GRANTS YOU THE RIGHTS CONTAINED HERE IN CONSIDERATION OF YOUR ACCEPTANCE OF SUCH TERMS AND CONDITIONS.

<http://creativecommons.org/licenses/by-sa/3.0/>  
<http://joinup.ec.europa.eu/software/page/eupl/licence-eupl>

## Modification History

Version	Section	Modification / Description	Author
0.1	All Parts	New Document	Bernd Hekele

# Table of Contents

Modification History.....	3
1 Introduction.....	6
2 What is a finding .....	6
3 Reporting .....	6
4 The Template .....	7
4.1 The Form.....	7
4.2 Definition of the Fields in the Form .....	8
5 Glossary .....	9

# Figures and Tables

**Figures**

**Tables**

## 1 Introduction

The openETCS ITEA project was explicitly introduced in order to look for ambiguities, incompleteness and gaps in the framework of the System Requirement Specifications.

This sort of error shall be document in the project and reported to the specification entity being responsible for issuing the SRS.

In the openETCS project DB will take responsibility to collect the findings and report the findings via its board member to the author.

Each finding has provide the information needed to be able to understand the finding and to react on the finding. Therefore, this template is giving a form to the specification of the findings.

## 2 What is a finding

A finding can be anything between a request for clarification and a system critical error in the specification. A finding can be resulting of SRS analysis, from implementation, from verification or from any other activity. Regardless of the source of the finding we need to use the same way to get the finding reported to the SRS owner.

## 3 Reporting

- For reporting of findings a special folder in the repository SSRS is used: <https://github.com/openETCS/SSRS/Findings>
- In order to report a finding, you fill in the form, name it "SRS-Finding-<>identification number<>-<>short text<>"
- Open a new issue with the title: "SRS Finding: <>short text<>" where short text can be a SRS-Reference to the standard or similar.
- You need to set the <>identification number<> for the finding. Use the number of the issue in SSRS you used for this finding.
- Save the issue, update the document and push the document to the findings folder.
- The issue will be used to keep track of the discussions following inside the openETCS community.
- For clarification, first, a railway expert from the openETCS will make an evaluation.
- After clarification inside the openETCS community is completed, a decision is need on how this finding has to be handled.
- If there is no agreement between author and the expert escalation is to the PMB. The project-office will keep track on status and is responsible to make decisions transparent.

## 4 Next Steps

This document is a first draft. Discussion is needed within openETCS and with our interface to ERA.



It is planned to limit the size of this form to a minimum for a use within the project. The additional information (mainly related to the ERA interface) will be added only in the cases when ERA is involved.

## 5 The Template

### 5.1 The Form

Item	Description of Finding
Identification number	
State	
Headline	
Impacted System	
Reference Baseline Release	
Documents and/or References	
Error/Enhancement	
Problem/Need description	
Supporting document(s) for problem/need description	
Solution Proposal by submitter	
Supporting document(s) for solution proposal	
Agreed Solution	
Supporting document(s) for agreed solution	
Justification/Discussion for Solution	
Supporting document(s) for Justification/Discussion for Solution	
Preliminary Assessment of Benefits	
Supporting document(s) for preliminary Assessment Benefits	
Economic Evaluation	
Supporting document(s) for Economic Evaluation	
Submitting Recognised Organisation	

Contact person name	
Contact Person e-mail adress	
Endorsed by Recognised Organisation(s)	
Project Information	
Submitter Reference Number	
List of assigned WG(s)	
Severity	
Target Baseline	
Reason for Error/Enhancement re-classification	
Reason for rejection	
Reason for postponement	
Superseding CR	
List of superseded CRs	
Date of Submission	
Last modification date	

## 5.2 Definition of the Fields in the Form

Most of the entries in the table can be added later in the process.

1. Identification number  
refers to the issue number
2. State  
can be one of: "New", "Accepted", "Rejected", "In clarification", "Presented"
3. Headline  
a short title for the finding
4. Impacted System  
can be either ETCS or a subfunction.
5. Reference Baseline Release  
The Release of the SRS you are referring to (e.g., 3.3.0).
6. Documents and/or References  
Identifies the location in the SRS as close as possible. If more documents are involved, please, use a list.
7. Error/Enhancement
8. Problem/Need description  
Describe the problem as clear as possible.

9. Supporting document(s) for problem/need description  
If needed, the reference to a separate document (e.g., testcase) can be added.
10. Solution Proposal by submitter  
Short technical description of your proposal
11. Supporting document(s) for solution proposal  
If needed, the reference to a separate document (e.g., testcase) can be added.
12. Agreed Solution  
This is documenting the change in the SRS
13. Supporting document(s) for agreed solution Reference to additional document if needed.
14. Justification/Discussion for Solution  
Will be filled in the process of discussion with the author.
15. Supporting document(s) for Justification/Discussion for Solution  
Reference to additional document if needed.
16. Preliminary Assessment of Benefits  
Will be filled in the process of discussion with the author.
17. Supporting document(s) for preliminary Assessment Benefits
18. Economic Evaluation  
Will be filled in the process of discussion with the author.
19. Supporting document(s) for Economic Evaluation  
will be added by projectoffice when relevant.
20. Submitting Recognised Organisation  
will be added by projectoffice when relevant.
21. Contact person name  
will be added by projectoffice when relevant.
22. Contact Person e-mail address  
will be added by projectoffice when relevant.
23. Endorsed by Recognised Organisation(s)  
will be added by projectoffice when relevant.
24. Project Information  
will be added by projectoffice when relevant.
25. Submitter Reference Number
26. List of assigned WG(s)
27. Severity  
will be added by projectoffice when relevant.
28. Target Baseline  
Will be filled in the process of discussion with the author.

- 29. Reason for Error/Enhancement reclassification  
Will be filled in the process of discussion with the author.
- 30. Reason for rejection  
Will be filled in the process of discussion with the author.
- 31. Reason for postponement  
Will be filled in the process of discussion with the author.
- 32. Superseding CR  
Will be filled in the process of discussion with the author.
- 33. List of superseded CRs  
Will be filled in the process of discussion with the author.
- 34. Date of Submission  
Time and Datestamp.
- 35. Last modification date  
Time and Datestamp.

## 6 Glossary