

User Manual

RINF

Document Information

Date:	Mon, 2021 Aug 9
Release Number:	1.6
Version:	0.6
Author(s):	Intrasoft International SA
Reference:	FWC ERA/2015/01/FWC/04

Document History

Date	Author	Version	Comment	Modified Sections
Thu, 2014 Mar 6	European Dynamics	0.1	Document creation	All sections
Tue, 2015 Mar 10	European Dynamics	0.2	Updates for Release 1.1 - Iteration 2	All
Fri, 2017 Mar 24	Intrasoft International SA	0.3	Updates for Release 1.3.2	All
Wed, 2017 May 10	Intrasoft International SA	0.4	Updates for Release 1.3.3	All
Mon, 2019 Jul 1	Intrasoft International SA	0.5	Updates for Release 1.5	All
Mon, 2021 Aug 9	ERA	0.6	Updates for Release 1.6	2.4.4, 2.4.6, 2.5.4, 2.5.5

Document Distribution List

Date	Name	Position	Organisation
Click here to enter a date.			
Click here to enter a date.			
Click here to enter a date.			

Document Review and Approval

	Date	Name	Signature
Author(s):	Mon, 2019 Jul 1	Intrasoft International SA	
Reviewed by:	Click here to enter a date.		
Approved by:	Click here to enter a date.		

Table of Contents

Document Information	1
Document History	2
Document Distribution List	2
Document Review and Approval	2
Table of Contents	3
1 Introduction	5
2 RINF User manual	6
Definitions, Acronyms, and Abbreviations	6
2.1 User experience (system navigation and page composition)	6
2.2 Access the RINF system	7
2.2.1 Login	7
2.2.2 Log off	8
2.2.3 View profile	8
2.2.4 Public User registration	9
2.2.5 Password recovery	11
2.3 Standard Users	11
2.3.1 Search RINF Data	11
2.3.1.1 Search data along one uniquely defined national line	17
2.3.1.2 Export search results.	17
2.3.1.3 View search result details	18
2.3.1.4 View search results on map	19
2.3.1.5 Save a search query	20
2.3.1.6 Load a search query	21
2.3.1.7 Delete a search query	22
2.3.2 Visual Representation	22
2.3.3 Route Calculation	24
2.3.3.1 Calculate a route	24
2.3.3.2 Print map	26
2.3.3.3 Map view	26
2.3.3.4 Zoom level	27
2.3.3.5 Mapping	27
2.3.3.6 Find User location	28
2.3.3.7 No available route	28
2.3.3.8 Export of a route	29
2.3.4 Contact us	29
2.3.4.1 Upload file	30
2.3.4.2 Submit contact form	30
2.3.4.3 Cancel submission	31
2.4 NRE Users	31
2.4.1 Search RINF Data	31
2.4.2 Visual Representation	31
2.4.3 Route Calculation	32

2.4.4	Data Management	32
2.4.4.1	Upload Dataset.....	32
2.4.4.2	Validate Dataset	33
2.4.4.3	Delete Dataset.....	35
2.4.4.4	Import Dataset	35
2.4.4.5	New data submission notification for RRU's	37
2.4.5	RINF Data Sets Management	37
2.4.5.1	Merge RINF Datasets.....	38
2.4.5.2	Upload Dataset.....	39
2.4.5.3	Download Dataset	39
2.4.5.4	Delete Dataset.....	40
2.4.5.5	Transfer to Data Management.....	40
2.4.6	Domestic border point management	41
2.4.7	Contact us.....	43
2.5	IM Users	43
2.5.1	Search RINF Data.....	43
2.5.2	Visual Representation	43
2.5.3	Route Calculation	43
2.5.4	RINF Datasets Management	43
2.5.4.1	Create New.....	44
2.5.4.2	Edit.....	49
2.5.4.3	Delete	53
2.5.4.4	Download	54
2.5.4.5	Upload	54
2.5.4.6	Validate Dataset	55
2.5.4.7	Import Dataset	56
2.5.4.8	Send to NRE	57
2.5.5	Domestic border point management	58
2.5.6	Contact us.....	59
2.6	RRU Users.....	59
2.6.1	Search RINF Data.....	59
2.6.2	Visual Representation	60
2.6.3	Route Calculation	60
2.6.3.1	Generate an RCC Certificate.....	60
2.6.4	RCC Certificates	61
2.6.4.1	Search for RCC Certificate	61
2.6.4.2	Sort the search results.....	62
2.6.4.3	Download an RCC Certificate	62
2.6.4.4	Archive period	63
2.6.5	Contact us.....	63
2.6.6	Getting notified for data updates by NREs	64
3	Troubleshooting	66
4	References	67

1 Introduction

The present document is the User manual for the Register of Infrastructure (RINF) system. The Register of Infrastructure (RINF) software application is a web-based application facilitating at European level the access to the data of national registers of railway infrastructure. It has been developed on the basis of the specifications presented during the RINF meetings.

It should be mentioned that the access rights of the RINF User depend on the role that is assigned to the User upon the creation of her/his profile. The process of creating Users' profiles and afterwards assigning roles to them is described in the document "[3. Administration, Operation and Maintenance Manual](#)".

The present RINF User manual describes the available actions for the following categories of Users:

- Standard Users
- NRE Users
- IM Users
- RRU Users

2 RINF User manual

Definitions, Acronyms, and Abbreviations

- **ERA:** European Union Agency for Railways
- **RINF:** Register of Infrastructure
- **NRE:** Entity in charge for setting up and maintenance of national register
- **RRU:** Representative of a Railway Undertaking
- **MS:** Member State
- **PDF:** Portable Document Format
- **UI:** User Interface

2.1 User experience (system navigation and page composition)

The RINF system includes a web-based User interface and is accessible from any computer with an internet browser and network accessibility. The system functionality is presented in a series of web pages which follow a standard template.

Each web page contains the following parts (see red outlines in Figure 1):

1. Header – contains generic information about the session and the User account. The User has the “Log in” (if the User is not already logged in) and “Log off” options. When the User is logged-in to the RINF system, the header contains the navigation options that are available for the current User, i.e. the application Menu. Additionally, a language control allows the User to change the User Interface language.
 2. Content section – contains the actual content of the web page. The content of this section depends on the selection made from the header. When the User is not logged-in to the RINF system, the link “Request User Account” is displayed, allowing a Public User to self-register in the RINF application by filling the respective form.
- In the content section, the link to the “User Manual” is always available, enabling the User to download the User Manual directly from the application.



Figure 1: RINF web page structure

2.2 Access the RINF system

2.2.1 Login

To access the application, the User has to type the URL of the RINF system in a browser. Then the RINF web site is displayed, as illustrated in Figure 2.

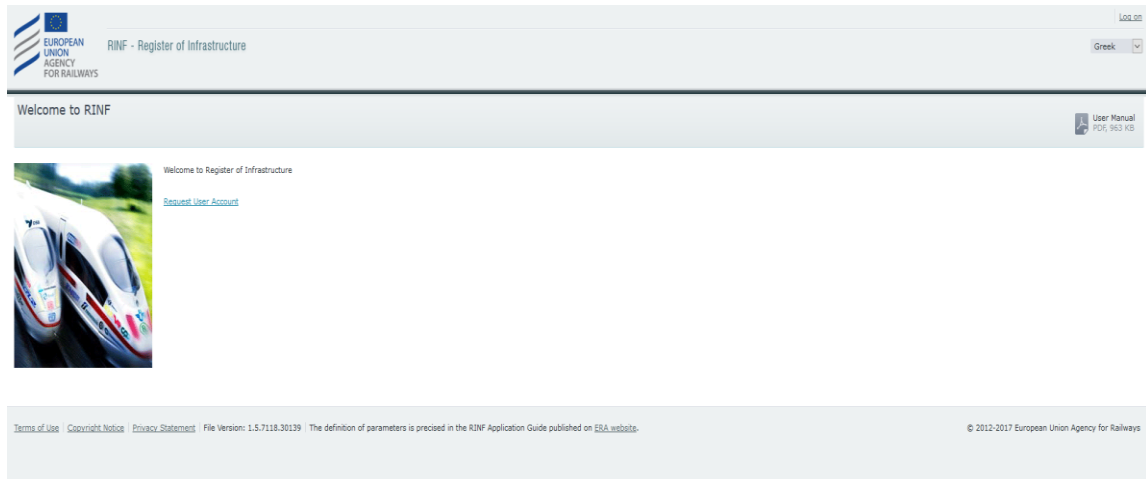


Figure 2: RINF web site

In order to log in, the User has to click on the “Log in” option available at the header. Afterwards, the Login Page is displayed (see Figure 3).

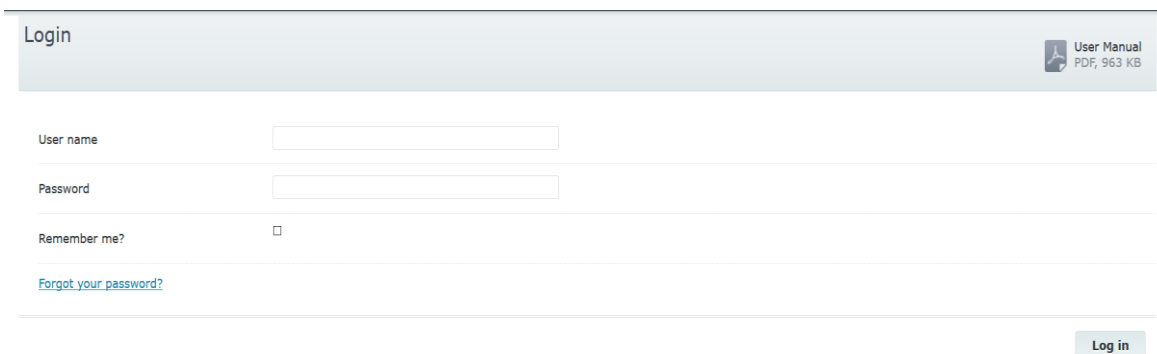
The screenshot shows the RINF Login form. It has a header with the word 'Login' on the left and a 'User Manual' link on the right. Below the header, there are three input fields: 'User name', 'Password', and 'Remember me?'. The 'Remember me?' field has a checkbox. Below the input fields, there is a link to 'Forgot your password?'. At the bottom right of the form, there is a 'Log in' button.

Figure 3: RINF Login form

In the Login Page, the User shall follow the next steps:

- Fill-in the “User name” text field.
- Fill-in the “Password” text field.
- Click on the “Log in” button.

Once the User logs in successfully, the home page of the RINF system will be displayed (see Figure 4).

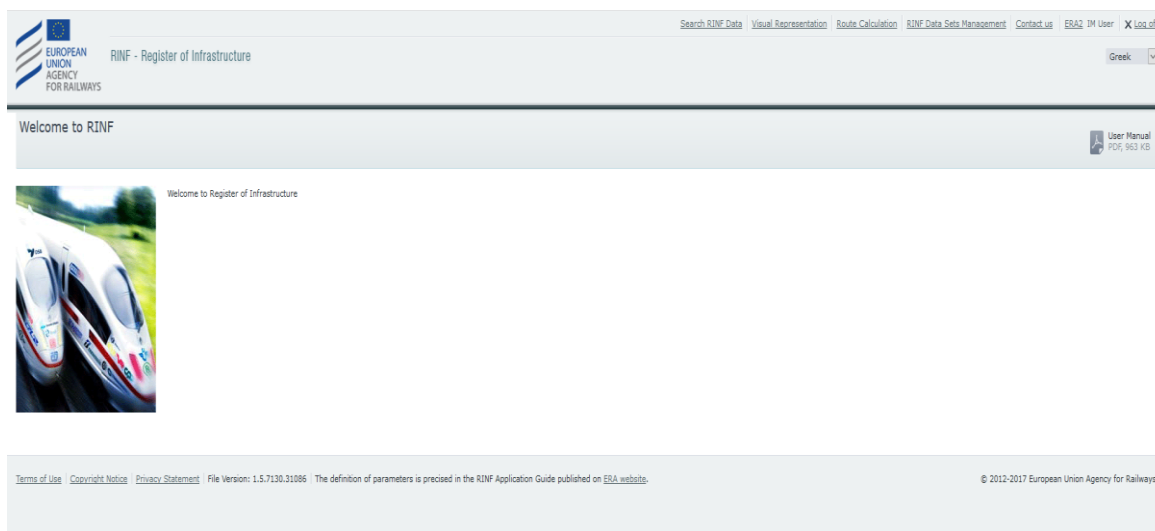


Figure 4: RINF home page

The User has the following options in the RINF system:

- Header section:
 - View profile – allows the User to view the information of his/her profile
 - Log off – allows the User to log out from the RINF system
 - Search RINF Data – allows the User to search for RINF data
 - Visual Representation – allows the User to view the visual representation of RINF data on the map
 - Route Calculation – allow the User to find and calculate a route based on the Railway network
 - Data Management – for managing the datasets (available only to NRE Users)
 - RINF Data Sets Management – for creating, editing and viewing the RINF data sets (available only to NRE and IM Users)
 - Contact us – for submitting a comment/propose change to RINF/report an issue/error


In the following sections, the above options are described in detail.

2.2.2 Log off

The User may close the session by clicking on the “Log off” link in the header section. If the “Remember me” option was previously selected, it will now be removed. The User will need to provide the User credentials again in order to access the RINF system.

2.2.3 View profile


The Users can view the details of her/his profile by clicking on the “Username” link available on the header section. Then, the profile information page is displayed by the system in read-only mode (see Figure 5).

View profile 

Type of user	IM User
User name	era2
First name	
Last name	
E-mail address	ERA2@intrasoft-intl.com
Organisation Name	PKP Linia Hutnicza Szerokotorowa Spółka z o.o.
Position	data
Country	Poland

Figure 5: User profile information page

Additionally, in the View Profile page, the user can manage to get notified by email in case of data update by country (NRE). (see Figure 6 or Figure 88).

View profile 

Type of user	RRU User
User name	era3
First name	
Last name	
E-mail address	ERA3@intrasoft-intl.com
Organisation Name	OSE
Position	RRU User
Country	Greece

Subscription to notification for data updates by Member States (NRE)	
Country name	Is subscribed
Austria	<input type="checkbox"/>
Belgium	<input type="checkbox"/>
Bulgaria	<input type="checkbox"/>
Croatia	<input type="checkbox"/>
Cyprus	<input type="checkbox"/>
Czech Republic	<input type="checkbox"/>
Denmark	<input type="checkbox"/>
Estonia	<input type="checkbox"/>
Finland	<input type="checkbox"/>
France	<input type="checkbox"/>
Germany	<input type="checkbox"/>
Greece	<input type="checkbox"/>
Hungary	<input type="checkbox"/>
Ireland	<input type="checkbox"/>
Italy	<input type="checkbox"/>
Latvia	<input type="checkbox"/>
Lithuania	<input type="checkbox"/>
Luxembourg	<input type="checkbox"/>
Malta	<input type="checkbox"/>
Norway	<input type="checkbox"/>
Poland	<input type="checkbox"/>
Portugal	<input type="checkbox"/>
Romania	<input type="checkbox"/>
Slovak Republic	<input type="checkbox"/>
Slovenia	<input type="checkbox"/>
Spain	<input type="checkbox"/>
Sweden	<input type="checkbox"/>
Switzerland	<input type="checkbox"/>
The Netherlands	<input type="checkbox"/>
United Kingdom	<input type="checkbox"/>

Update Subscriptions

Figure 6: Notification management

2.2.4 Public User registration

The RINF system allows a Public User to self-register in the application by filling the respective form. The public User can only have a standard User role.

By clicking the “Request User Account” link the RINF system opens the form displayed in Figure 7:

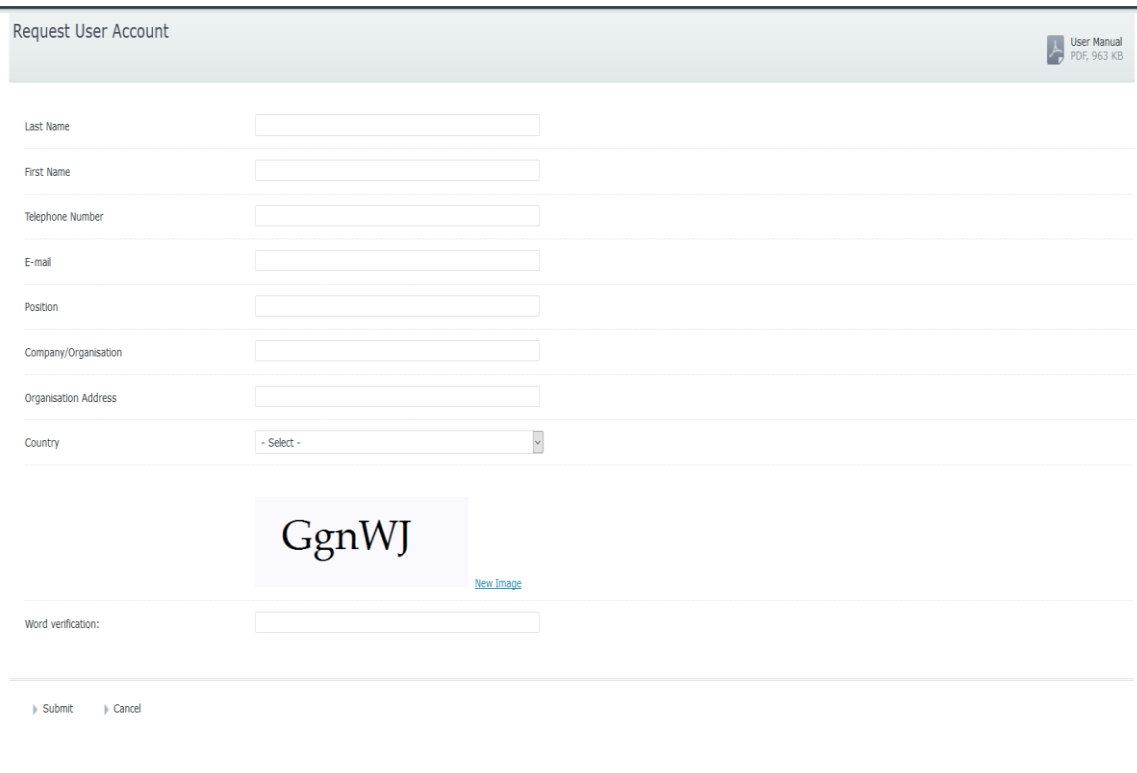


Figure 7: Public User registration form

The Public User fills in the form and clicks on the “Submit” link. Please note that all fields are mandatory and that the e-mail provided will be used as the “Username” of the Public User.

The RINF system validates the provided data and sends to the Public User an e-mail with a link for activation of the User account. The activation link is usable only once and cannot be used to activate an account which has been deactivated by the system administrator.

A new web page is displayed to the Public User in order to set up his/her password. The password must fulfil the following criteria:

- Minimum Length of 10 characters
- Including at least 1 capital alphabetical character
- Including at least 1 numerical character

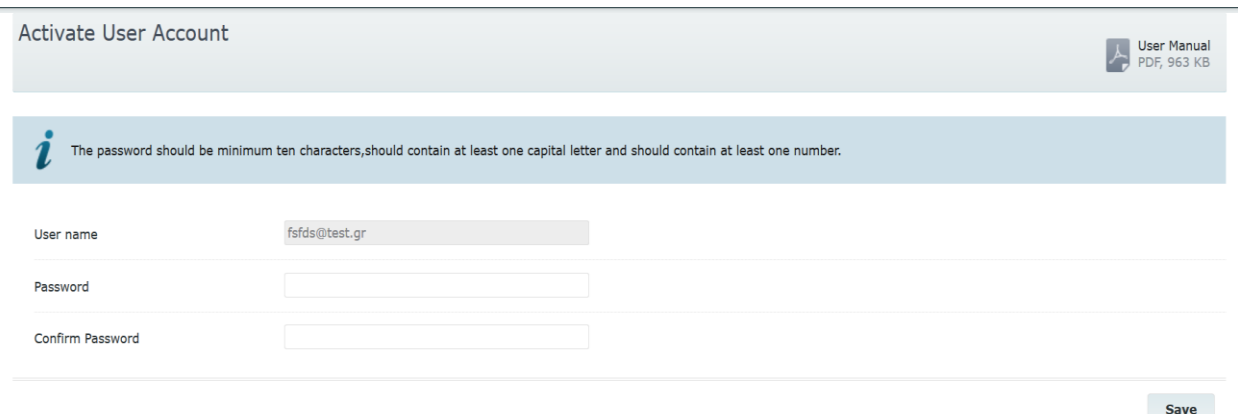
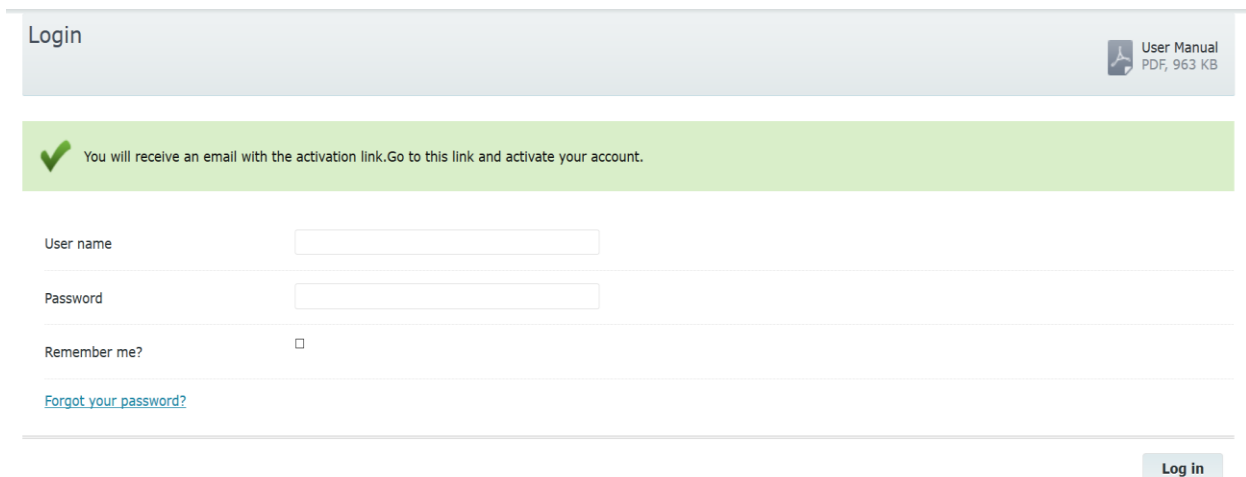


Figure 8: Public User's account activation

The Public User defines his/her password fulfilling the above criteria and clicks on the “Save” button. At the top of the page is then displayed an informative message concerning the activation of the User account (see Figure 9).



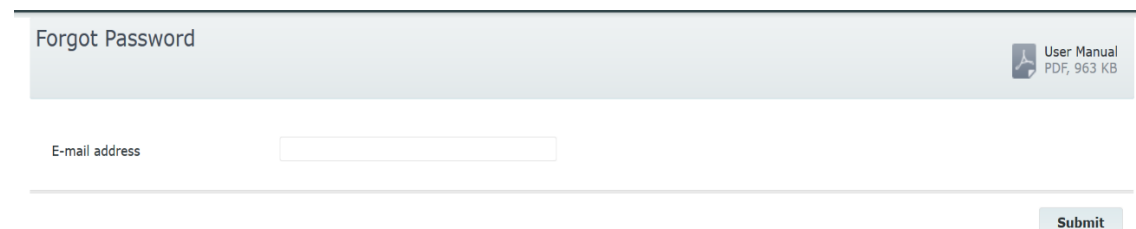
The screenshot shows the RINF Login page. At the top, there is a header with the text "Login" and a link to the "User Manual PDF, 963 KB". Below the header, a green message box with a checkmark icon states: "You will receive an email with the activation link. Go to this link and activate your account." Below this message, there are input fields for "User name" and "Password", a "Remember me?" checkbox, and a link labeled "Forgot your password?". At the bottom right, there is a "Log in" button.

Figure 9: Successful User account activation

2.2.5 Password recovery

Through the RINF Login form (Figure 3) the User can reset his/her password in case he/she has forgotten it.

By clicking on the “Forgot your password?” link, the RINF system opens the “Forgot Password” page:



The screenshot shows the "Forgot Password" page. At the top, there is a header with the text "Forgot Password" and a link to the "User Manual PDF, 963 KB". Below the header, there is an input field for "E-mail address" and a "Submit" button at the bottom right.

Figure 10: Forgot password

In the displayed page, the User provides his/her e-mail account and clicks the “Submit” button.

- In case of a public User, the system sends an e-mail with a link to change the password. The link is usable only once.
- In case of ERA, NRE or IM User, the system displays a message prompting the User to contact ERA’s Service Desk.

2.3 Standard Users

The Standard Users can perform the actions described in the following sections.

2.3.1 Search RINF Data

To search for RINF Data, the User clicks on the “Search RINF Data” link available on the header section (see Figure 4, but please note that for the Standard Users the “Data Management” link

will not be available at the header section). Then, the “Search RINF Data” page is displayed (see Figure 11).

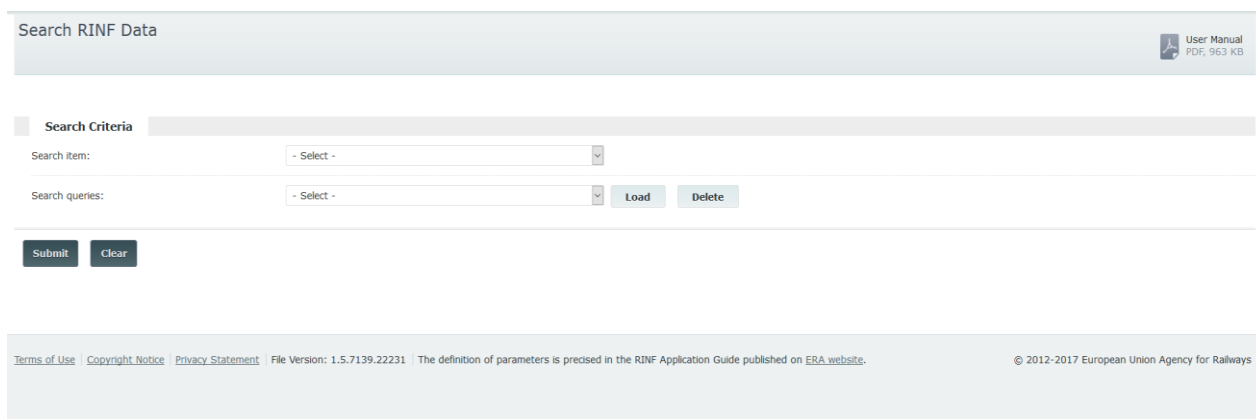


Figure 11: “Search RINF data” initial page

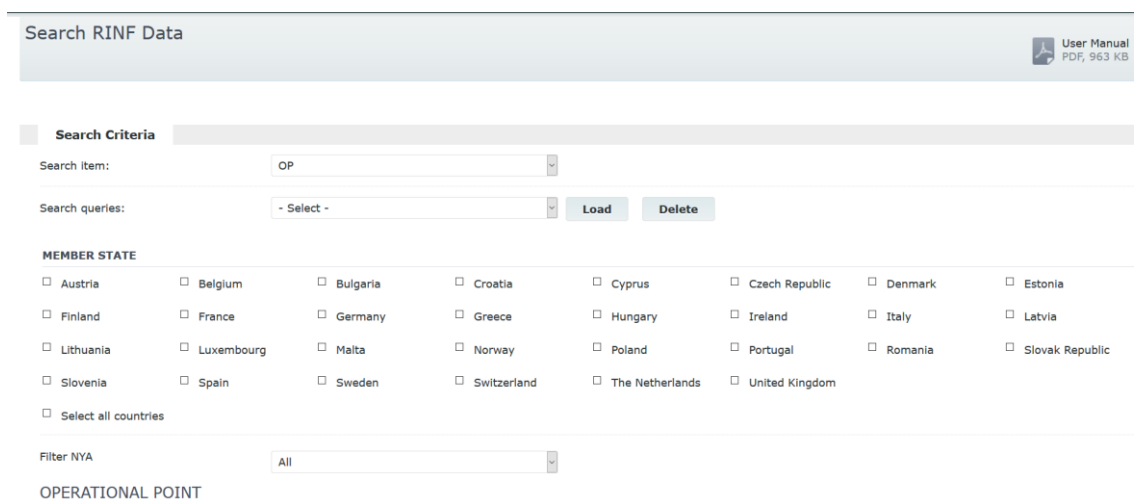
The User shall select:

- Search item
 - OP (operational point)
 - SoL (Section of Line)

Furthermore, the User can load a search query from the “Search queries” dropdown list.

Choosing at least one Member State/Country value is mandatory to continue with the search process. By checking the “Select all countries” checkbox, all Member States are selected as a search criterion. Additionally, the dropdown “Filter NYA (Not Yet Available)” is available under the countries filters with the following options (see Figure 12):

- All (default value): If it is selected, the RINF system will present all OPs/SoLs
- Without NYA: If it is selected, the RINF system will present only the OPs/SoLs that do not have any parameter NYA (Not Yet Available)
- With NYA: If it is selected, the RINF system will present only the OPs/SoLs that have at least one parameter NYA(Not Yet Available)



Generic information

Type of Operational Point

border point
depot or workshop
domestic border point

Name of Operational Point

Unique OP ID

Validity Date Start

Validity Date End

More Criteria

Submit

Clear

Save search query

Figure 12: Additional search criteria

The User may click on the “More Criteria” option and the full set of search criteria will be displayed. Again, the User may click on the desired criterion and additional options will be presented (see Figure 13).

More Criteria	
OP TAF TAP primary code	<input type="text"/>
Is Applicable	- Select -
Type of track gauge changeover facility	<input type="text"/>
Is Applicable	- Select -
Geographical location of Operational Point	
Latitude	<input type="text"/>
Longitude	<input type="text"/>
Railway location of Operational Point	Kilometer From <input type="text"/> Kilometer To <input type="text"/> National line identification <input type="text"/>
RUNNING TRACK	
Generic information	
Declarations of verification for track	
Performance parameters	
Line layout	
Track parameters	
Tunnel	
Platform	
SIDING	
Generic information	
Declaration of verification for siding	
Performance parameter	
Line layout	
Fixed installations for servicing trains	
Tunnel	
Rules and restriction	
Existence of rules and restrictions of a strictly local nature	- Select -
Is Applicable	- Select -
Documents regarding the rules or restrictions of a strictly local nature available by the IM	<input type="text"/>
Is Applicable	- Select -

Figure 13: The full set of search criteria for OPs

▼ More Criteria

▼ Generic information

Identification of track

Normal running direction

- Select -

▼ Infrastructure subsystem

› Declarations of verification for track

› Performance parameters

› Line layout

› Track parameters

› Switches and crossings

› Track resistance to applied loads

› Health, safety and environment

› Tunnel

▼ Energy subsystem

› Declarations of verification for track

› Contact line system

› Pantograph

› OCL separation sections

› Requirements for rolling stock

▼ Control-command and signalling subsystem

› Declarations of verification for track

› TSI compliant train protection system (ETCS)

› TSI compliant radio (GSM-R)

› Train detection systems fully compliant with the TSI

› Train protection legacy systems

› Other radio systems

› Train detection systems not fully compliant with the TSI

› Transitions between systems

› Parameters related to electromagnetic interferences

› Line-side system for degraded situation

› Brake related parameters

› Other CCS related parameters

Submit

Clear

Save search query

Figure 14: The full search of search criteria for SoL

In case the desired criterion is a range filter, the User can fill in both “From” and “To” fields to search all OPs/SoLs for which the corresponding field has a value that falls within the specified range of values. The border values are included. In essence, the search is defined as: *Greater than or equal with “From” value AND less than or equal with “To” value.*

Additionally, the User can fill in only the “From” field, to search all OPs/SoLs for which the corresponding field has a value greater than or equal with the specified “From” value or only the “To” field to search all OPs/SoLs for which the corresponding field has a value smaller than or equal with the specified “To” value. The border value is included.

Finally, if the User specify a “From” value which is greater than “To”, the search process will return no results and will display a validation error message.

To initiate the search process, the User may fill in any of the available search criteria and click on the “Submit” button (see Figure 11 or Figure 12 or Figure 13). Then the respective search results will be displayed as illustrated in Figure 15.

As soon as the User selects either Ops or SoLs from the “Search item” dropdown list, the search form is updated according to the User’s selection. The search fields are divided into sections. The User can collapse or expand the sections of the search form in order to save space on the page. Even if a User selects to collapse a section, the values that the User has already inserted in the searching fields of this section will be maintained.

Search Results for OP Show Map

Page size: 10 Export list: - Select - OK						
Name	UOPID	Type	Geographical Location	Validity Date Start	Validity Date End	Export details of OP
PYTHION-UZUNKOPRU	EU00186	border point	41.3621 +26.6315			Export
SVILENGRAD-DIKEA	EU00187	border point	41.7477 +26.1667			Export
KULATA-PROMACHON	EU00188	border point	41.3795 +23.3643			Export
IDOMENI-GEVGELIJA	EU00189	border point	41.1283 +22.5172			Export
NEOS KAFKASOS-KREMITSA	EU00190	border point	40.9073 +21.4645			Export
ADRIA	IT05420	border point	45.0605 +12.0542			Export
ALTAMURA	IT11307	border point	40.8376 +16.5517			Export
AREZZO	IT06915	border point	43.4617 +11.8741			Export
AVIGLIANO LUCANIA	IT11214	border point	40.7146 +15.7856			Export
BARI CENTRALE	IT11119	border point	41.1177 +16.8695			Export

Total number of items: 62 << < [1 2 3] > >>

Page size: 10 Export list: - Select - OK	
MEMBER STATE: Greece, Ireland, Italy	Type of Operational Point: border point, depot or workshop, domestic border point ✖

Figure 15: Search results

The search criteria that the User has defined are displayed below the search results header. For example: Search Results for OP, MEMBER STATE: Greece, Ireland, Italy ; Type of Operational Point: border point, depot or workshop, domestic border point. The ✖ is used for clearing the filter. In case of multiple selection the ✖ removes the whole criterion and not simply a selection. In the example above, if User clicks on ✖ from the Type of Operational Point criterion, it will remove this criterion and the search results are updated automatically.

The search results are displayed as hyperlinks and are grouped into pages:

- To go to a specific page, click on the page number ([1 2 3]) at the bottom and at the top of the list.
- To move to the next/previous page, click on the > >> / << < link at the bottom and at the top of the list.

- To display more/less items per page, chose the number of items in the Page size: 10 list at bottom and at the top of the list.

The results can be sorted in ascending or descending order by clicking on any of the available columns of the search results list. The sorting functionality is not available for geographical locations data.

2.3.1.1 Search data along one uniquely defined national line

To search the SoL data along one uniquely defined national line, the User must fill in the following fields in the “Generic Information” section:

- National line identification
- Operational point at start
- Operational point at end

and then click on the “Submit” button.

2.3.1.2 Export search results.

To export the search results list, the User must select the desired format (“XLSX”, “CSV”, “PDF” and “XML” are available) and click on the OK button at the bottom of the list. The RINF system displays a pop up window with the name “Export Data” containing a progress bar of the file generation, generates the file and prompts the User to either download the file (button “Download file”) or close the window. By selecting the “Close” option, the pop up form closes and the User is redirected to the “Search “ page, the search filters are clear and the User can perform a new search and new export actions. By selecting the “Download file” option, the system saves the file in the selected data format to the default path of the browser.

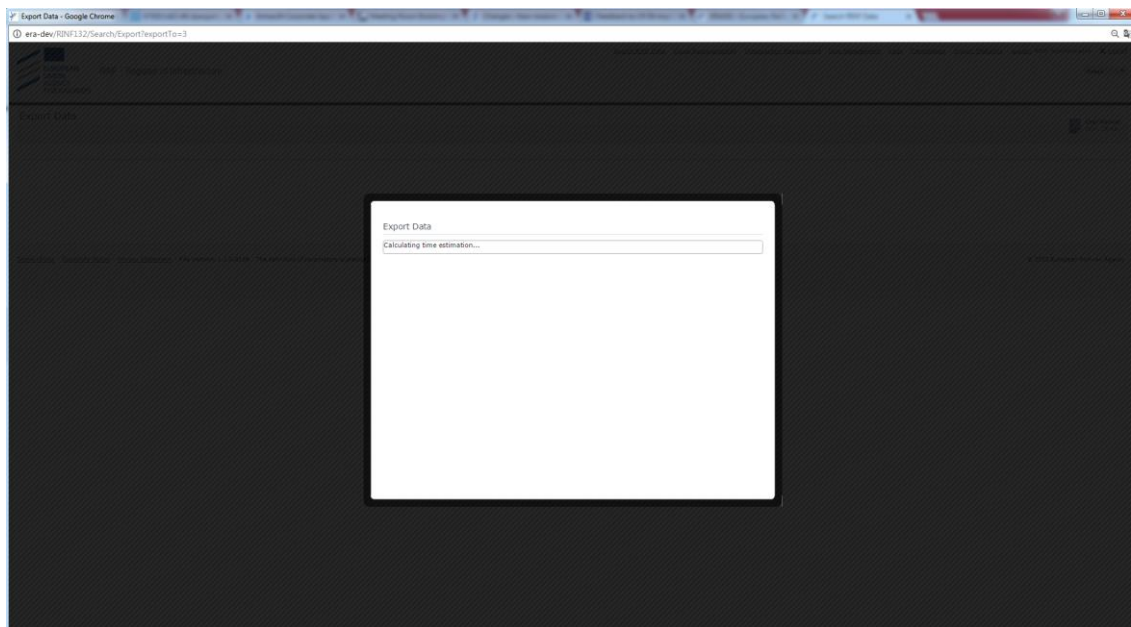


Figure 16: Export Data form with a progress bar



The exported file has been created. Click on the download file button below to download the file.

Download file

Close

Figure 17: Export Data form upon completing the export of the file.

Upon completion of the export, the “Export Data” page shows a message: “The exported file has been created. Click on the download file button to download the file.” The User may then click on the **Download file** or “Close” link.

If the User clicks on **Download file**, the file is downloaded and the browser hereafter handles the opening and/or saving of the file. When exporting in XML format (RINF Data format), the lookup values in the file are displayed in the selected language if available, otherwise the English translation will be used by default.


If the User clicks on the “Close” link, the “Export Data” window closes, the initial page is cleared from any search criteria and results and the User is redirected to the start page of “Search RINF Data”.

2.3.1.3 View search result details

In order to view the details of a search result, the User clicks on the “Name” link of the desired search result. Then a new browser tab is displayed (see Figure 18) containing the following information (available through the “View detailed information for” dropdown list) for the search result:

- Generic Information (displayed by default)
- Track information
- Siding information (only for OP search results).

OPERATIONAL POINT ELOP2 (13/12/2012 - 13/12/2015)


 User Manual
 PDF, 76 KB

View detailed information for:

Generic information


Name of Operational Point	ELOP2
Unique OP ID	EL00002
OP TAF TAP primary code	XX00002
Type of Operational Point	switch
Geographical location of Operational Point	Latitude (51.4249) + Longitude (+31.4159)
Railway location of Operational Point	1234.445 ELLine0001

Export

Figure 18: Details of search result

Figure 19 displays the track information for a search result.

OPERATIONAL POINT ŽALEC


User Manual
PDF, 963 KB

View detailed information for

RUNNING TRACK TR 2+102

▼

Generic information

IM's Code	79
Identification of track	TR 2+102

Declarations of verification for track

EC declaration of verification for track (INF)	NA
EI declaration of demonstration for track (INF)	NA

Performance parameters

TEN classification of track	OFF TEN
Category of Line	NYA
Part of a Railway Freight Corridor	NA

Line layout

Interoperable gauge	GA
Multinational gauges	NA
National gauges	NA
Gauging	Not Provided
Railway location of particular points requiring specific checks	Not Provided
Document with the transversal section of the particular points requiring specific checks	Not Provided

Track parameters

Nominal track gauge	1435
---------------------	------

Rules and restriction

Existence of rules and restrictions of a strictly local nature	Not Provided
Documents regarding the rules or restrictions of a strictly local nature available by the IM	Not Provided

Platform 1

IM's Code	79
Identification of platform	1
TEN Classification of platform	OFF TEN
Usable length of platform	80
Height of platform	300-380
Existence of platform assistance for starting train	N
Range of use of the platform boarding aid	NYA

Export

Figure 19: Track information for a search result

Moreover, the User may export the details of the search result in XLSX format by clicking on the “Export” link.

2.3.1.4 View search results on map

The User may view the search results on the map by clicking on the “Show Map” button above the search results section. Then the RINF web site is displayed (see Figure 20

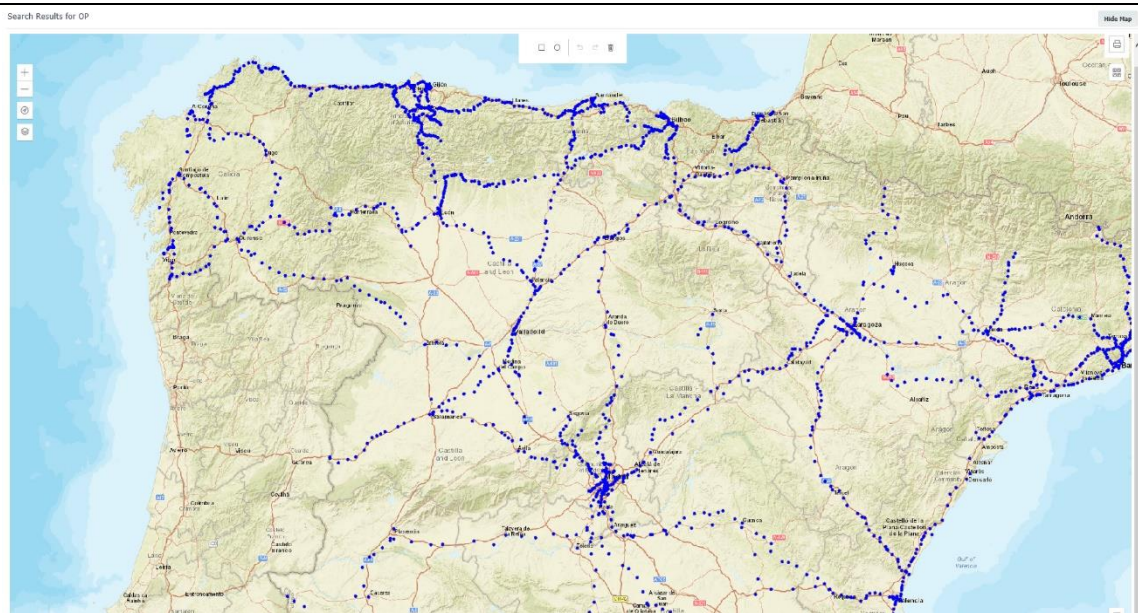


Figure 20: View search results on map

By clicking on a search result, a pop up is displayed containing its brief information.

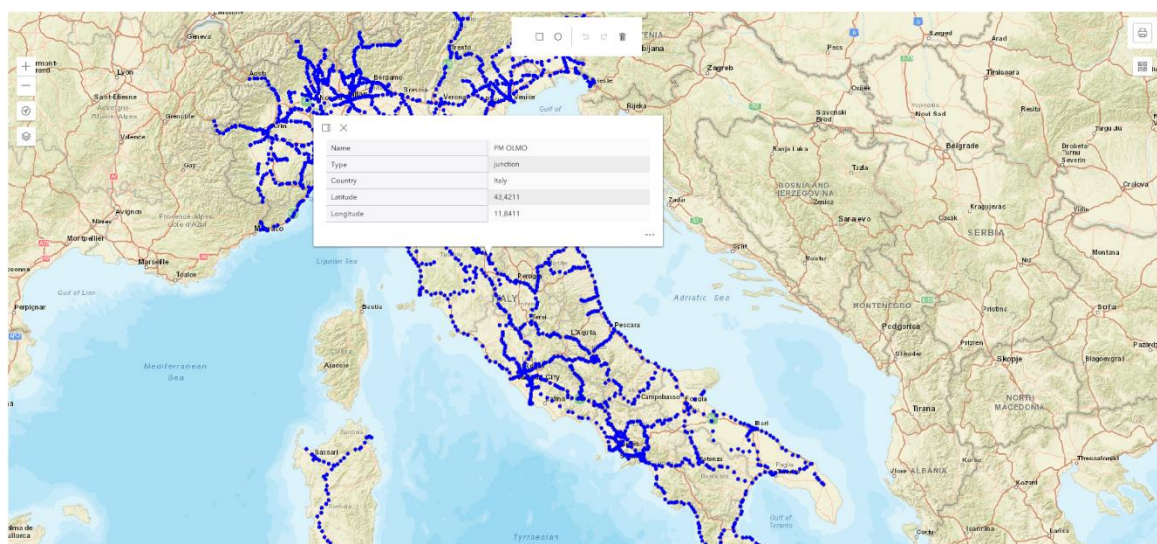


Figure 21: Details of a search result on the map

The User can see the full details of the search result, displayed as described in section “2.3.1.3 View search result details”.

2.3.1.5 Save a search query

In order to save a search query, the User clicks on the “Save search query” button available at the bottom of the search form (see Figure 22 or Figure 23). Then a pop-up is displayed (see Figure 22).

Save search query

Name

Save search query


Cancel


Figure 22: Save search query

The User must then:

- Provide a name for the query.
- Click on the “Save search query” button.

The pop-up closes, a success message is displayed at the top of the search form and the search query is loaded to the “Search queries” dropdown list (see Figure 23).

Search RINF Data


 Search query "OP query" was saved successfully.

Search Criteria

Search item:

Search queries: Load Delete

MEMBER STATE

<input type="checkbox"/> Austria	<input type="checkbox"/> Belgium	<input type="checkbox"/> Bulgaria	<input type="checkbox"/> Channel Tunnel*	<input type="checkbox"/> Croatia	<input type="checkbox"/> Cyprus	<input type="checkbox"/> Czech Republic	<input type="checkbox"/> Denmark
<input type="checkbox"/> Estonia	<input type="checkbox"/> Finland	<input type="checkbox"/> France	<input type="checkbox"/> Germany	<input checked="" type="checkbox"/> Greece	<input type="checkbox"/> Hungary	<input type="checkbox"/> Ireland	<input type="checkbox"/> Italy
<input type="checkbox"/> Latvia	<input type="checkbox"/> Lithuania	<input type="checkbox"/> Luxembourg	<input type="checkbox"/> Malta	<input type="checkbox"/> Norway	<input type="checkbox"/> Poland	<input type="checkbox"/> Portugal	<input type="checkbox"/> Romania
<input type="checkbox"/> Slovak Republic	<input type="checkbox"/> Slovenia	<input type="checkbox"/> Spain	<input type="checkbox"/> Sweden	<input type="checkbox"/> Switzerland	<input type="checkbox"/> The Netherlands	<input type="checkbox"/> United Kingdom	


☐ Select all countries

Filter NYA

Figure 23: Saved search query

2.3.1.6 Load a search query

To load a search query, the User selects the desired search query from the “Search queries” dropdown list. Upon selecting the search query, an informative message is displayed at the top of the search form (see Figure 24).

 Search query "test" was loaded successfully.

Search Criteria

Search item:

Search queries:

MEMBER STATE

<input type="checkbox"/> Austria	<input type="checkbox"/> Belgium	<input type="checkbox"/> Bulgaria	<input type="checkbox"/> Croatia	<input checked="" type="checkbox"/> Cyprus	<input type="checkbox"/> Czech Republic	<input type="checkbox"/> Denmark	<input type="checkbox"/> Estonia	<input type="checkbox"/> Finland	<input type="checkbox"/> France
<input type="checkbox"/> Germany	<input type="checkbox"/> Greece	<input type="checkbox"/> Hungary	<input checked="" type="checkbox"/> Ireland	<input type="checkbox"/> Italy	<input type="checkbox"/> Latvia	<input type="checkbox"/> Lithuania	<input type="checkbox"/> Luxembourg	<input type="checkbox"/> Malta	<input type="checkbox"/> Norway
<input type="checkbox"/> Poland	<input type="checkbox"/> Portugal	<input type="checkbox"/> Romania	<input type="checkbox"/> Slovak Republic	<input type="checkbox"/> Slovenia	<input type="checkbox"/> Spain	<input type="checkbox"/> Sweden	<input type="checkbox"/> Switzerland	<input type="checkbox"/> The Netherlands	<input type="checkbox"/> United Kingdom

☐ Select all countries

Filter NYA:


OPERATIONAL POINT


Generic information

Type of Operational Point:
 depot or workshop
 domestic border point

Name of Operational Point:

Unique OP ID:

Validity Date Start: 


Validity Date End: 


[More Criteria](#)

Figure 24: Load search query

2.3.1.7 Delete a search query

In order to delete a search query, the User selects the desired search query from the “Search queries” dropdown list (see Figure 25) and click on the “Delete” button. The system will prompt the User to confirm the deletion; upon confirmation the search query will be deleted and an appropriate message will be displayed at the top of the search form.

Search RINF Data 

 Search query was deleted successfully.

Search Criteria

Search item:

Search queries:

MEMBER STATE

<input type="checkbox"/> Austria	<input type="checkbox"/> Belgium	<input type="checkbox"/> Bulgaria	<input type="checkbox"/> Channel Tunnel*	<input type="checkbox"/> Croatia	<input type="checkbox"/> Cyprus	<input type="checkbox"/> Czech Republic	<input type="checkbox"/> Denmark
<input type="checkbox"/> Estonia	<input type="checkbox"/> Finland	<input type="checkbox"/> France	<input type="checkbox"/> Germany	<input checked="" type="checkbox"/> Greece	<input type="checkbox"/> Hungary	<input type="checkbox"/> Ireland	<input type="checkbox"/> Italy
<input type="checkbox"/> Latvia	<input type="checkbox"/> Lithuania	<input type="checkbox"/> Luxembourg	<input type="checkbox"/> Malta	<input type="checkbox"/> Norway	<input type="checkbox"/> Poland	<input type="checkbox"/> Portugal	<input type="checkbox"/> Romania
<input type="checkbox"/> Slovak Republic	<input type="checkbox"/> Slovenia	<input type="checkbox"/> Spain	<input type="checkbox"/> Sweden	<input type="checkbox"/> Switzerland	<input type="checkbox"/> The Netherlands	<input type="checkbox"/> United Kingdom	

☐ Select all countries

Filter NYA:

Figure 25: Delete search query

2.3.2 Visual Representation

In order to display the RINF data of a (Member) State/country on its map, the User clicks on the “Visual Representation” link available in the header section (see Figure 4; note: for the Standard Users the “Data Management” link will not be available in the header section). Then the respective page is displayed. By default, the RINF data of the User’s country are displayed.

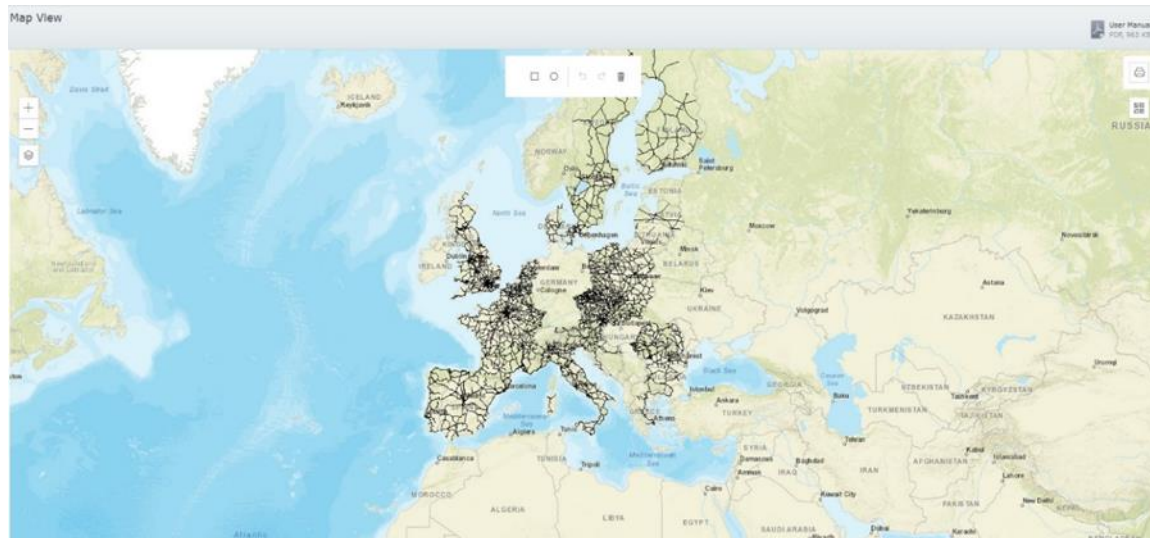


Figure 26: Visual Representation of RINF data

In order to navigate to a specific area of the map, the User can use the mouse for zooming or use the zoom in / zoom out buttons on the top left part of the digital map.

By clicking on an OP (blue dots) or a SoL (black lines connecting OPs) on the map a pop-up will appear to display brief information related to the OP/SoL (see section “2.3.1.4 View search results on map” for additional information).

By clicking on “Draw a rectangle” or “Draw a circle” on the top of the map, the User is able to select a specific area on the map (see Figure 27).

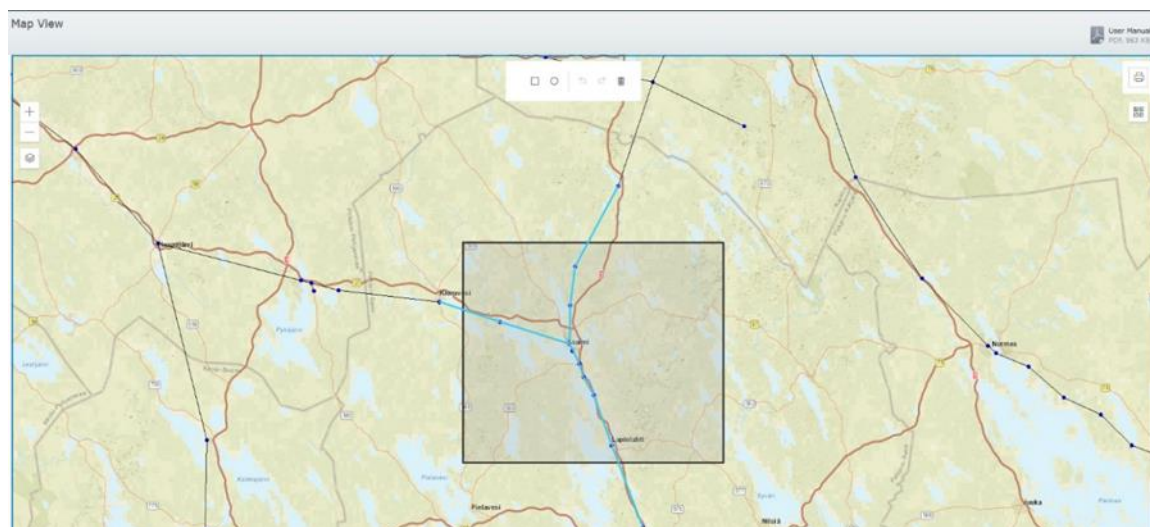


Figure 27: Selection of geographical area

Upon User’s selection, the RINF system displays a pop-up window with the RINF description of this geographical area (i.e. Name of Operational Points and IM’s Name of SoLs available in the selected area). The pop-up window has two tabs; one tab for the OPs and one for the SoLs. Each tab includes links which redirect the User to the details of the particular object (OP/SoL). The pop-up window also enables the User to export the OPs and SoLs details in RINF Data format and/or in XLS format (see Figure 28).

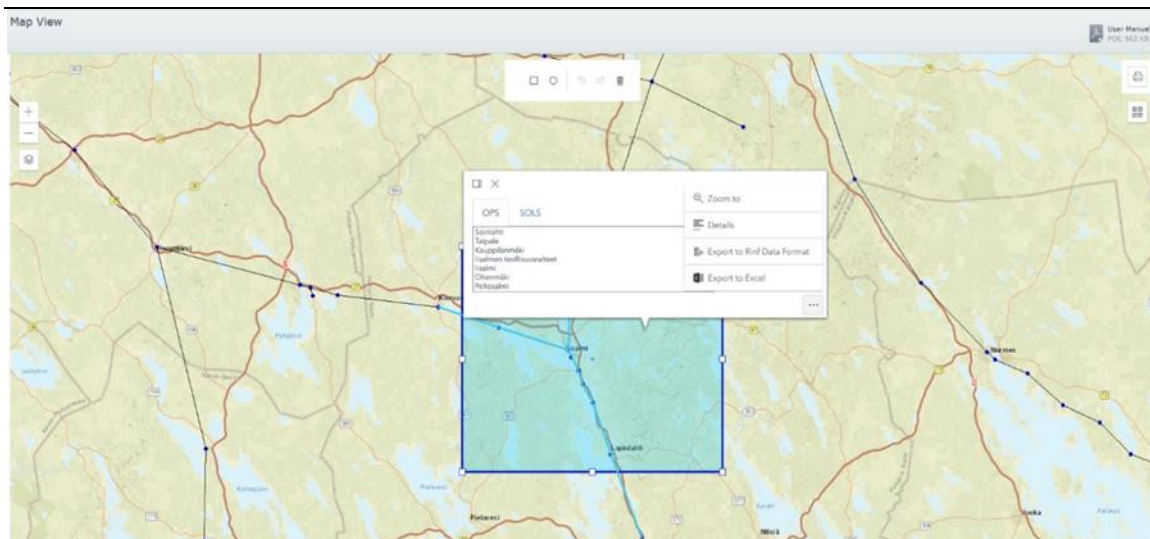


Figure 28: RINF description of the selected geographical area

2.3.3 Route Calculation

To find a route between two or more points within the railway network, the Users clicks on the “Route Calculation” link available at the header section (see Figure 27). Then, the “Route Calculation” page is displayed by the system (see Figure 29).

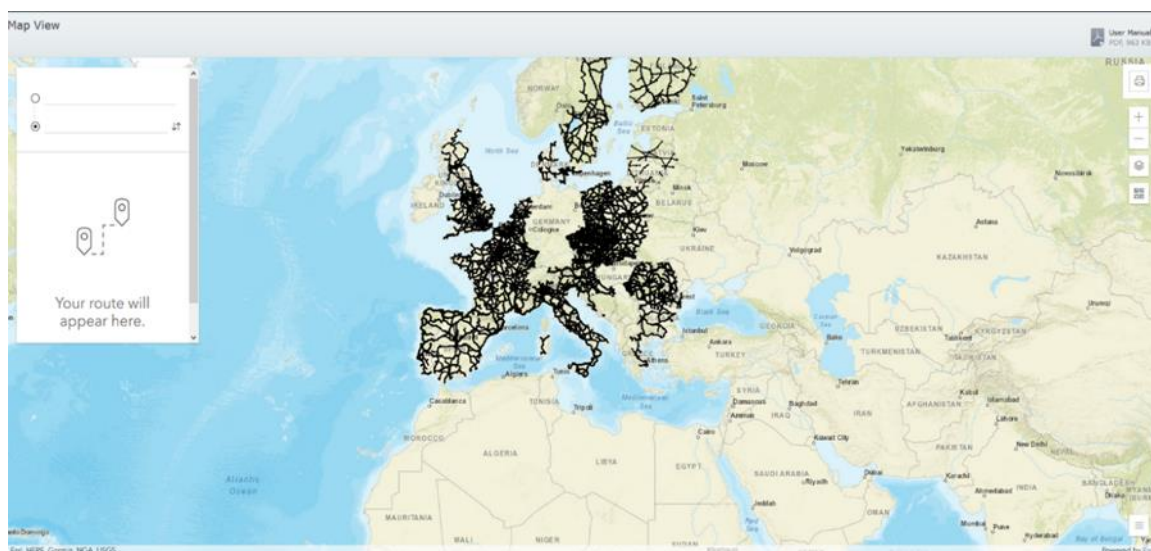


Figure 29: Route calculation

2.3.3.1 Calculate a route

The User can calculate a route by filling in two textboxes defining the names for the start and the end operational points of the route on the railway network. The system will then calculate the route on the basis of these operational points and display an additional layer that will contain the geometrical path of the route (see Figure 30).

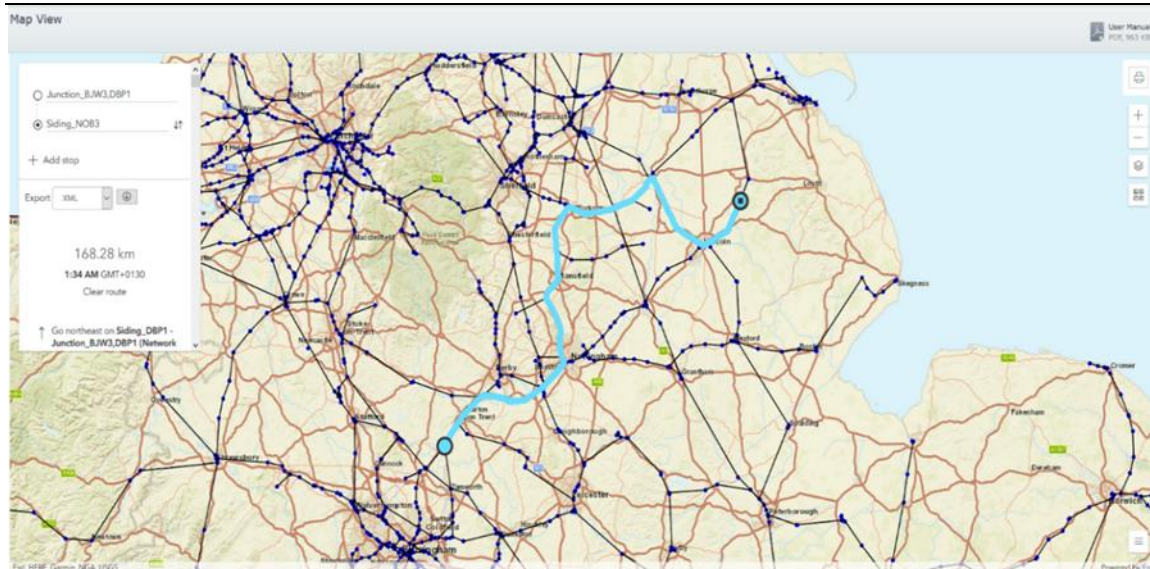


Figure 30: Calculate route

In order to add stops on the selected route, the User clicks on the “Add stop” button. Then the system displays a new textbox. After filling in the corresponding textbox, the system will calculate the route taking into account these locations (on the basis of the Railway network) and display an additional layer containing the geometry of the route (see Figure 31)

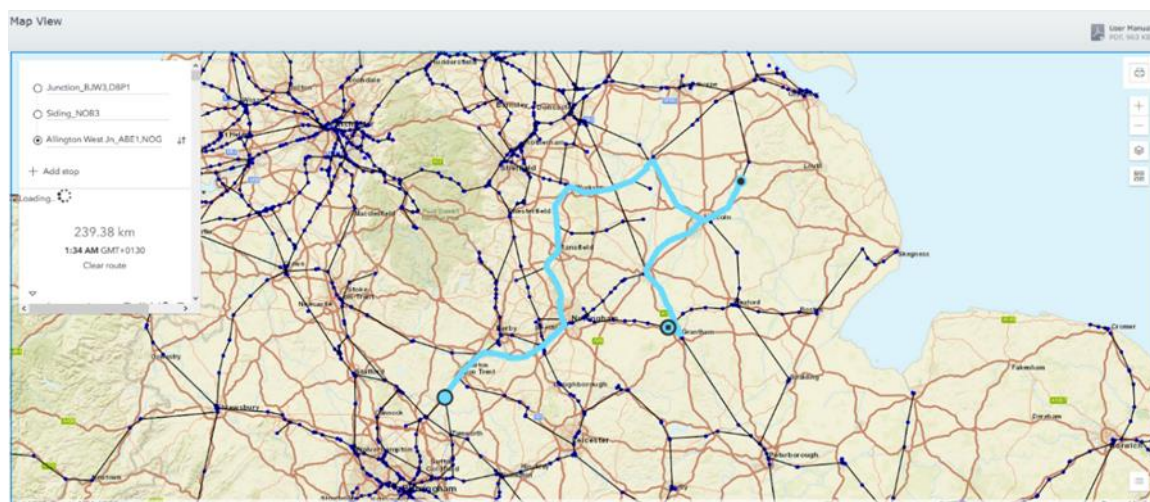


Figure 31: Add stop

Furthermore, the User can view the list of all the SoLs of the calculated path. The description of the route will contain the name and length of all sections of line along with the driving instructions (provided by the algorithm that was not specifically elaborated for railway use). Clicking on one SoL of the calculated path it will be highlighted on the map (see Figure 32).

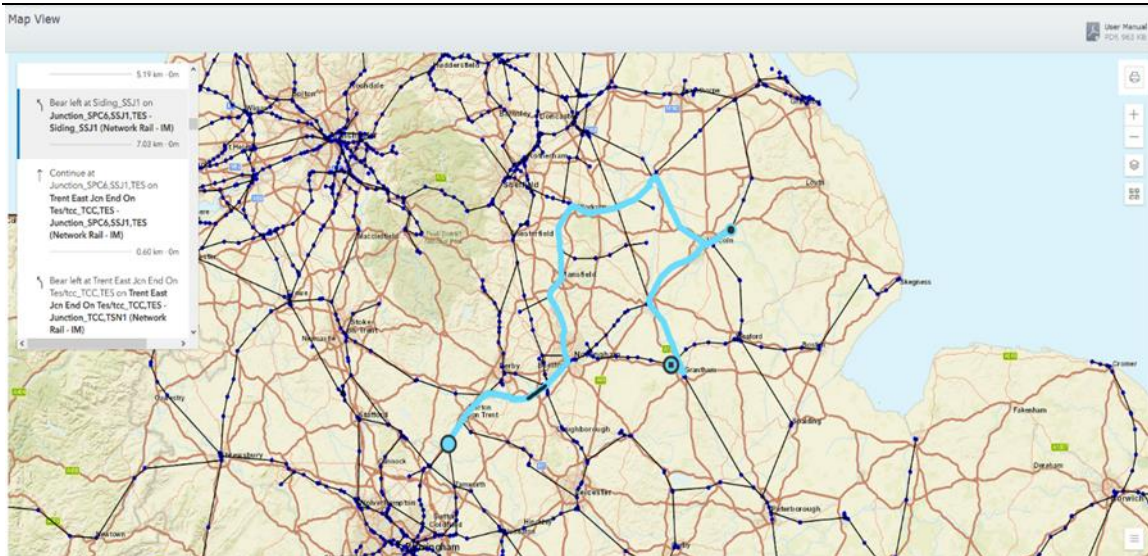


Figure 32: View station in digital map

2.3.3.2 Print map

The User may print the map from the “Route Calculation” page by clicking on the “Print map” button at the top right corner of the digital map. The system displays a pop-up window that contains the tabs “Layout” and “Map Only”. In addition, the “Export” button is displayed underneath the “Layout” and “Map Only” options (see Figure 33).

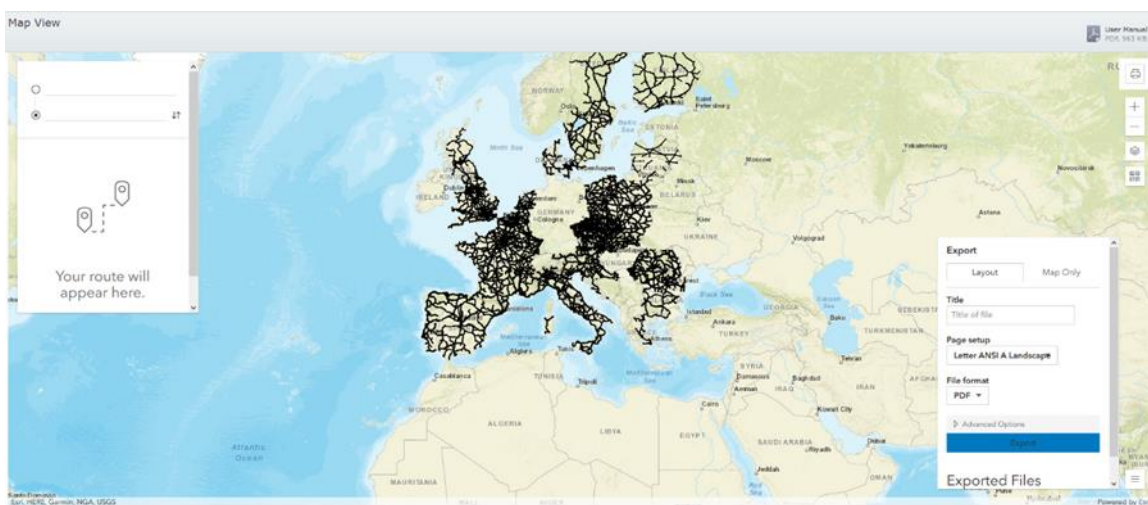


Figure 33: Print map

2.3.3.3 Map view

The User can change the map view by clicking on the “Expand” button at the top right corner of the digital map (see Figure 34).

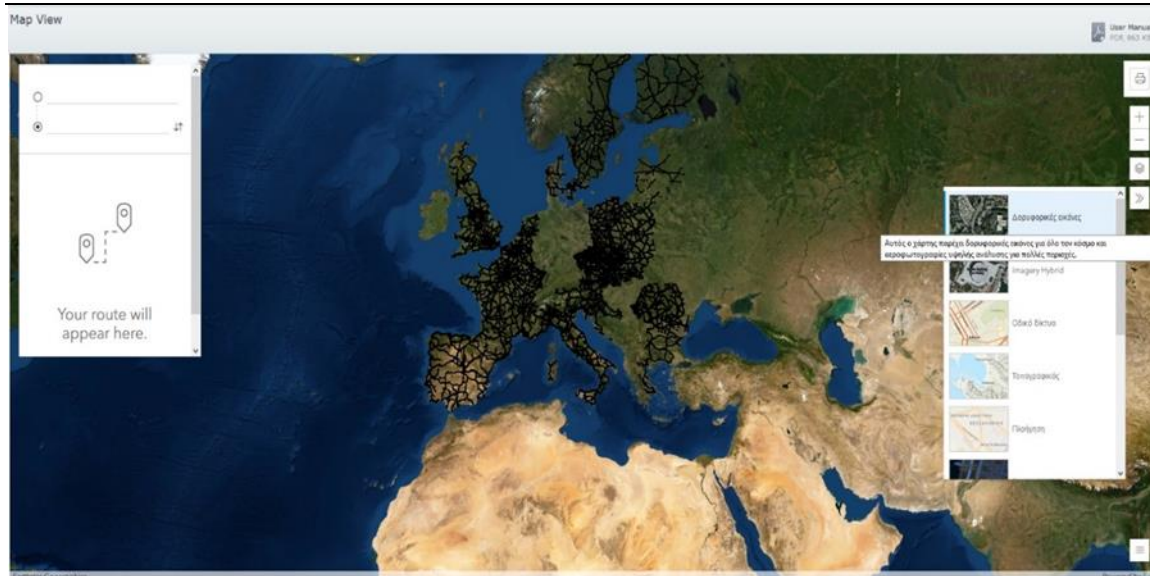


Figure 34: Map view

2.3.3.4 Zoom level

The User can adjust the zoom level of the digital map by clicking on the corresponding buttons at the top right corner of the digital map (see Figure 35).

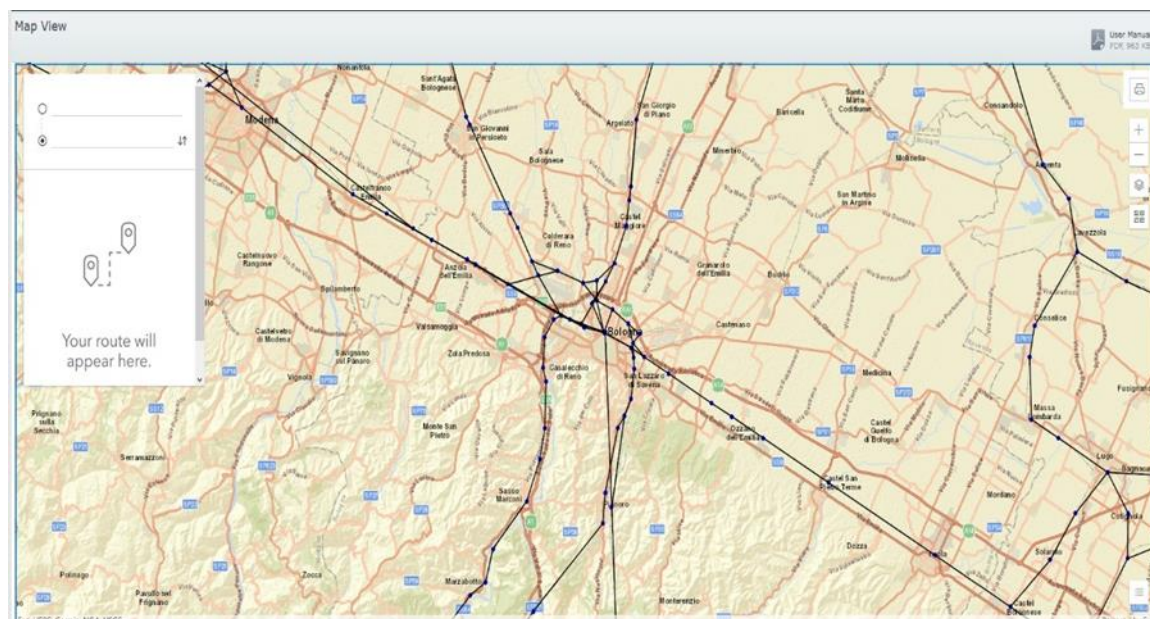



Figure 35: Zoom level

2.3.3.5 Mapping

The User can toggle between different layers of Sections of Line and Operational Points by clicking on the  button at the top right corner of the map (see Figure 36).

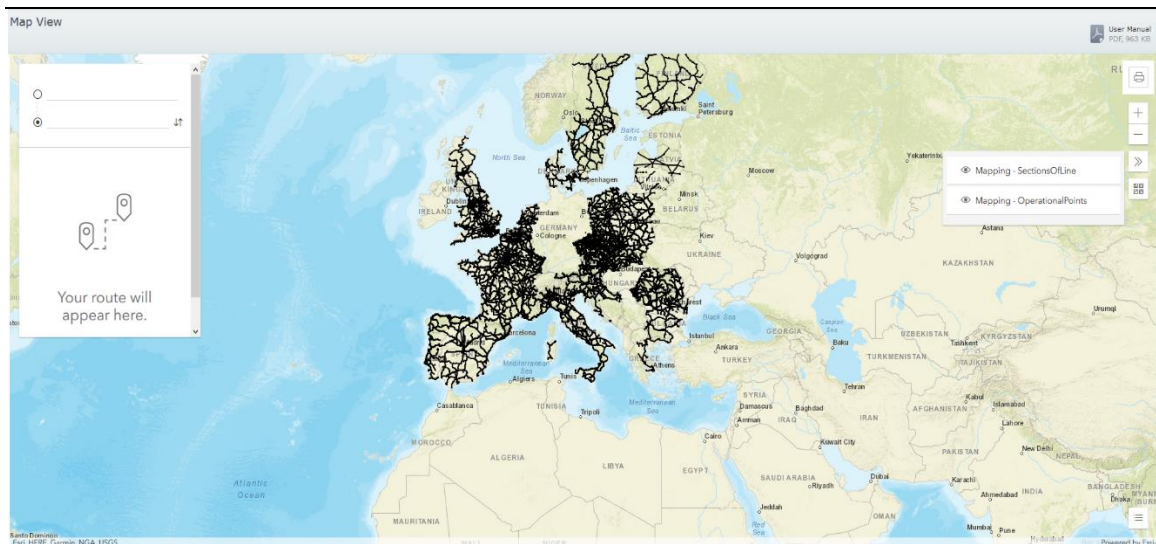



Figure 36: Mapping

2.3.3.6 Find User location

The User may geolocalise by clicking on the  button at the top right corner of the map. The browser then displays a pop-up window with two options “Allow” & “Block” (see Figure 37).

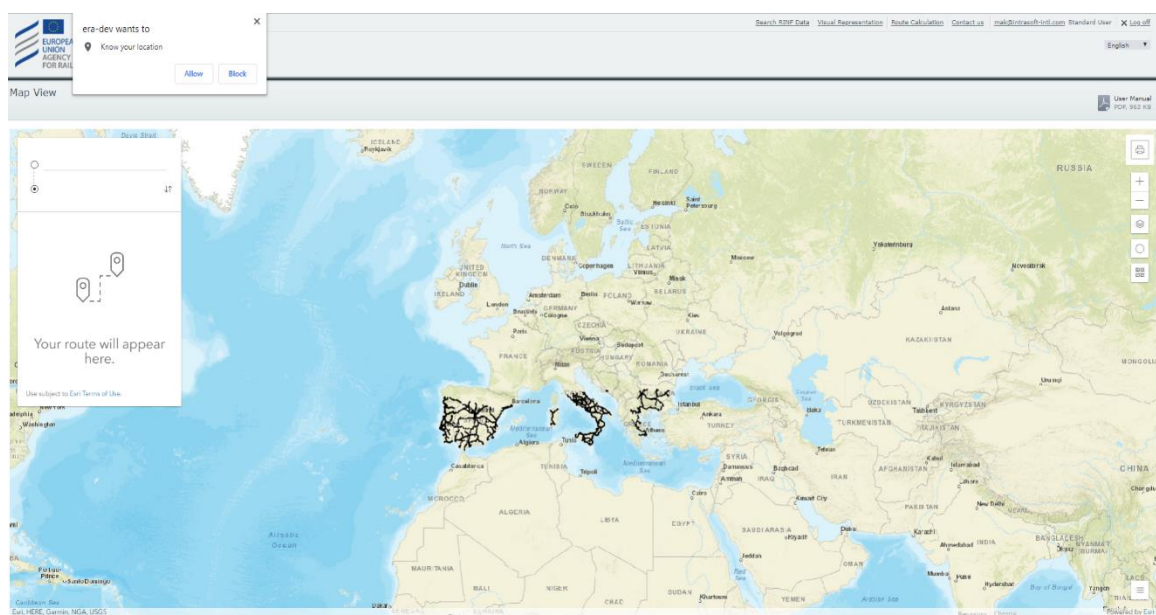


Figure 37: Find User location

2.3.3.7 No available route

An error message will appear if there is no path found for the selected route. (see Figure 38).

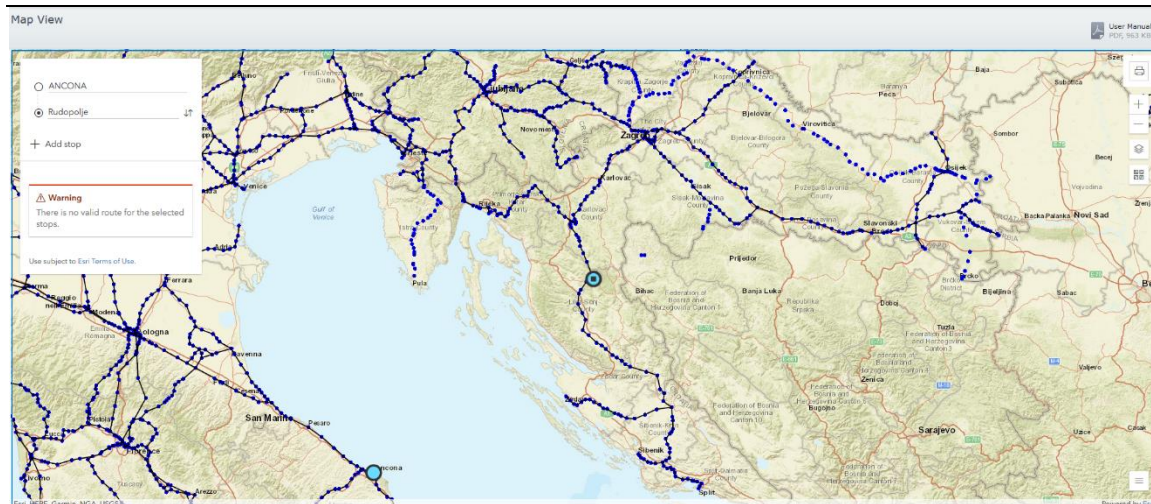


Figure 38: Warning message

2.3.3.8 Export of a route

The User may export the elements (SOLs and OPs) of a route to a specific file format by clicking on the "Export" button. A new page will allow User to download the file or to close the page (see Figure 39).

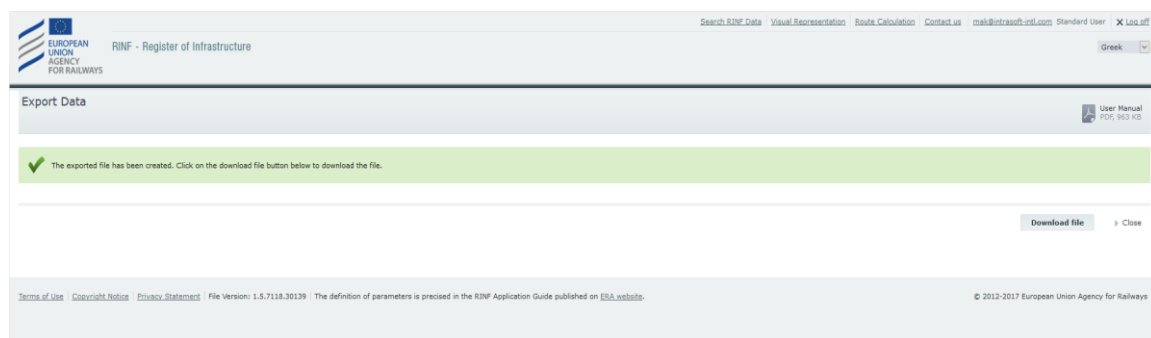


Figure 39: Export

2.3.4 Contact us

In order to access the Contact us page, the User clicks on the "Contact us" link available at the header section (see Figure 4). Then, the "Contact us" page is displayed by the system (see Figure 40).

Comment

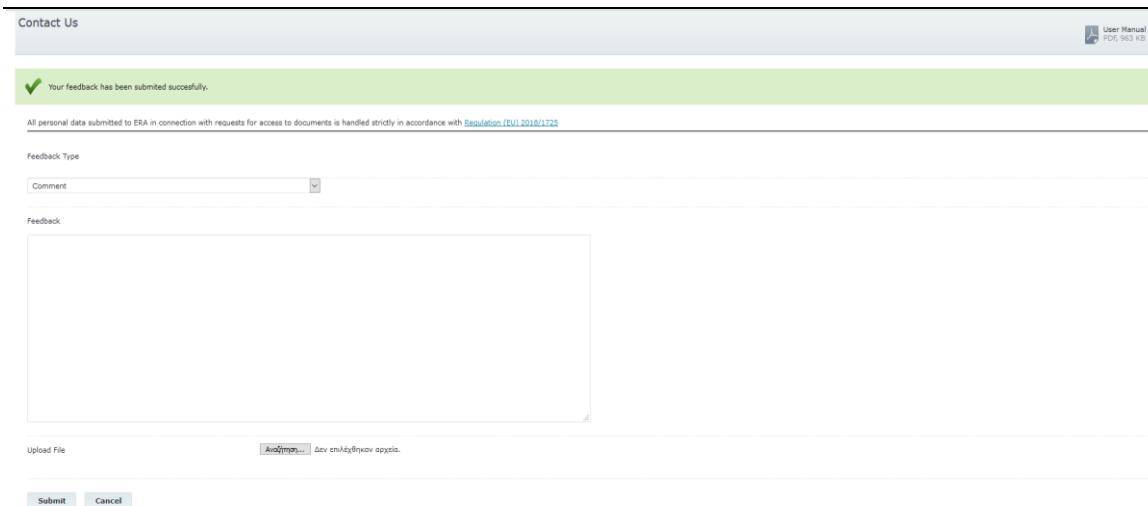
Submit Cancel

2.3.4.1 Upload file

[illegible]

2.3.4.2 Submit contact form

Upon clicking on the “Submit” button, the User can submit the contact form. Then a confirmation message is displayed by the system indicating that the message was sent successfully to the RINF Administrator (see Figure 42).



Contact Us

✓ Your feedback has been submitted successfully.

All personal data submitted to ERA in connection with requests for access to documents is handled strictly in accordance with [Regulation \(EU\) 2018/1725](#)

Feedback Type

Comment

Feedback

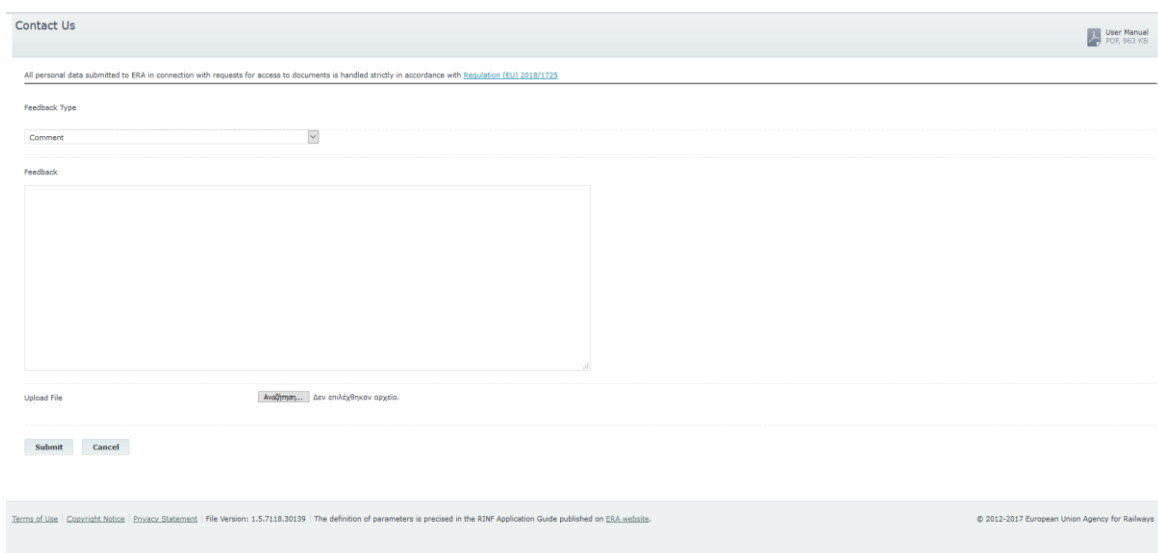
Upload File

Submit Cancel

Figure 42 : Submit contact form

2.3.4.3 Cancel submission

The User may cancel the operation by clicking on the “Cancel” button. The system redirects the User to the “Contact us” section of the RINF application (see Figure 43).



Contact Us

All personal data submitted to ERA in connection with requests for access to documents is handled strictly in accordance with [Regulation \(EU\) 2018/1725](#)

Feedback Type

Comment

Feedback

Upload File

Submit Cancel

Terms of Use | Copyright Notice | Privacy Statement | File Version: 1.5.7118.30139 | The definition of parameters is precised in the RINF Application Guide published on [ERA website](#) | © 2012-2017 European Union Agency for Railways

Figure 43 : Cancel submission

2.4 NRE Users

The NRE Users can perform the actions described in the following sections.

2.4.1 Search RINF Data

The process of searching for RINF data for NRE Users is the same one as described in section “2.3.1 Search RINF Data” for the Standard Users.

2.4.2 Visual Representation

The process of viewing the RINF data on the map for NRE Users is the same one as described in section “2.3.2 Visual Representation” for the Standard Users.

2.4.3 Route Calculation

The process required for finding and calculating a route between two or more points within the railway network is the same one as described in section “2.3.3 Route Calculation” for the case of the Standard Users.

2.4.4 Data Management

In order to access the Data Management page, the User clicks on the “Data Management” link available at the header section (see Figure 1 or Figure 4). Then, the respective page is displayed (see Figure 44).


Manage Member State Datasets					
 User Manual PDF, 78 KB					
	File Name	Size (in MBs)	File Status	Validation Status	Date Imported
<input type="radio"/>	1.xml	0.08	Available	Errors detected	
<input type="radio"/>	10.xml	0.08	Available	Errors detected	
<input type="radio"/>	11.xml	0.08	Available	Errors detected	
<input type="radio"/>	111.xml	0.08	Imported	Successful	18/02/2014 11:41:31
<input type="radio"/>	1set.xml	0.04	Imported	Successful with parameters NYA	24/02/2015 11:17:34
<input type="radio"/>	2.xml	0.08	Available	Errors detected	
<input type="radio"/>	2set.xml	0.04	Imported	Successful with parameters NYA	26/02/2015 07:42:40
<input type="radio"/>	3.xml	0.08	Available	Errors detected	
<input type="radio"/>	4.xml	0.08	Available	Errors detected	
<input type="radio"/>	5.xml	0.08	Available	Errors detected	
1 2 3 4 5 6					
<div> <input type="button" value="Validate"/> <input type="button" value="Delete"/> <input type="button" value="Schedule for Import"/> <input type="button" value="Upload Dataset"/> <input type="button" value="Search"/> </div>					

Figure 44 : Data Management page

By default, all the datasets of the User’s country are displayed in a list.

2.4.4.1 Upload Dataset

In order to upload a dataset to the RINF, the User clicks on the “Upload Dataset” button (see Figure 45). Then the respective pop-up window is displayed. The dataset must be in XML format and compressed within a .zip file.


Upload a dataset (in compressed format)

File

Figure 45 : Upload dataset pop-up window

The User then selects the desired ZIP file and clicks on the “Upload” button. The system will then validate the uploaded file; an error message will be displayed if the file to be uploaded is not in .zip format or the .zip file does not contain an XML file.

Upload a dataset (in compressed format)




The compressed file must be in zip format.


File

Browse...

Figure 46 : Error message when the uploaded file is not in .zip format

After validation, the system will upload the file, unzip it, close the pop-up, and display an informative message at the top of the Data Management page to confirm the successful upload of the dataset (see Figure 47).

Manage Member State Datasets  User Manual PDF, 78 KB



The dataset has been uploaded successfully.

	File Name	Size (in MBs)	File Status	Validation Status	Date Imported
<input type="radio"/>	1.xml	0.08	Available	Errors detected	
<input type="radio"/>	10.xml	0.08	Available	Errors detected	
<input type="radio"/>	11.xml	0.08	Available	Errors detected	
<input type="radio"/>	111.xml	0.08	Imported	Successful	18/02/2014 11:41:31
<input type="radio"/>	1set.xml	0.04	Imported	Successful with parameters NYA	24/02/2015 11:17:34
<input type="radio"/>	2.xml	0.08	Available	Errors detected	
<input type="radio"/>	2set.xml	0.04	Imported	Successful with parameters NYA	26/02/2015 07:42:40
<input type="radio"/>	3.xml	0.08	Available	Errors detected	
<input type="radio"/>	4.xml	0.08	Available	Errors detected	
<input type="radio"/>	44.xml	0.04	Available	Not started	

1 2 3 4 5 >

Search

Figure 47 : Successful upload of RINF dataset

The “File Status” of the uploaded RINF dataset is “Available” and the “Validation Status” is “Not started”.

2.4.4.2 Validate Dataset

In order to validate a dataset, the User selects the desired dataset and click on the “Validate” button (see Figure 48). The system then displays a pop-up prompting the User to confirm the action.

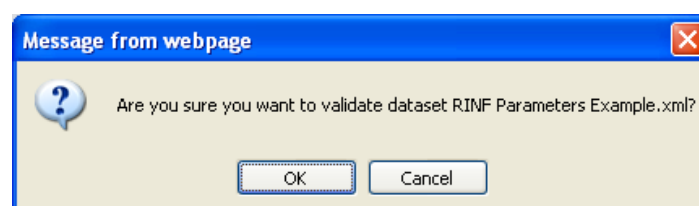


Figure 48 : RINF dataset validation, confirmation pop-up

Upon User confirmation, the system initiates the validation process (Validation status = “In progress”) and an informative message is displayed at the top of the Data Management page (see Figure 49).

Manage Member State Datasets

User Manual
PDF, 78 KB

Validation of dataset 44.xml has successfully begun.

	File Name	Size (in MBs)	File Status	Validation Status	Date Imported
<input type="radio"/>	1.xml	0.08	Available	Errors detected	
<input type="radio"/>	10.xml	0.08	Available	Errors detected	
<input type="radio"/>	11.xml	0.08	Available	Errors detected	
<input type="radio"/>	111.xml	0.08	Imported	Successful	18/02/2014 11:41:31
<input type="radio"/>	1set.xml	0.04	Imported	Successful with parameters NYA	24/02/2015 11:17:34
<input type="radio"/>	2.xml	0.08	Available	Errors detected	
<input type="radio"/>	2set.xml	0.04	Imported	Successful with parameters NYA	26/02/2015 07:42:40
<input type="radio"/>	3.xml	0.08	Available	Errors detected	
<input type="radio"/>	4.xml	0.08	Available	Errors detected	
<input type="radio"/>	44.xml	0.04	Available	Successful with parameters NYA	

1 2 3 4 5 >

Validate
Delete
Schedule for Import
Upload Dataset

Search

Figure 49 : Initiation of dataset validation process

The User clicks on the “Search” button in order to refresh the page and view the outcome of the validation.

If there are no validation errors, then the “Validation Status” will change to “Successful”. Otherwise, the “Validation Status” will change to “Errors detected” or “Successful with parameters NYA” (active link). The User may click on the link “Errors detected” or “Successful with parameters NYA” in order to view the validation errors in a pop-up window.

Validation Results

NRE that requested the validation

unregr

Date and Time of validation completion

17/03/2015 14:23:48

Error description

RINF System has completed the validation of Dataset Data1703 03.xml for Member State EL. The following errors have occurred:
Error at Line 783, Position 16. The 'Value' attribute is invalid - The value 'TT98765' is invalid according to its datatype 'http://www.w3.org/2001/XMLSchema:decimal' - The string 'TT98765' is not a valid Decimal value.
Error at Line 941, Position 16. The 'Value' attribute is invalid - The value 'TT98765' is invalid according to its datatype 'http://www.w3.org/2001/XMLSchema:decimal' - The string 'TT98765' is not a valid Decimal value.
Error at Line 1100, Position 16. The 'Value' attribute is invalid - The value 'TT98765' is invalid according to its datatype 'http://www.w3.org/2001/XMLSchema:decimal' - The string 'TT98765' is not a valid Decimal value.
.

Download Validation Results

Figure 50 : Dataset validation error message

To download the validation results in a txt file, the User clicks on the “Download Validation Results” button.

2.4.4.3 Delete Dataset

In order to delete a dataset, the User selects the desired dataset and click on the “Delete” button (see Figure 51). Only one dataset can be selected for the deletion process. The application will display a pop-up asking User to confirm the action.

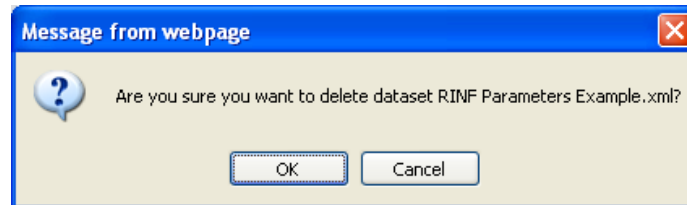



Figure 51 : RINF dataset deletion, confirmation pop-up

Upon User confirmation, the system deletes the selected dataset and an informative message is displayed at the top of the Data Management page (see Figure 52).

Manage Member State Datasets User Manual PDF, 78 KB

 Dataset 44.xml was deleted successfully.

	File Name	Size (in MBs)	File Status	Validation Status	Date Imported
<input type="radio"/>	1.xml	0.08	Available	Errors detected	
<input type="radio"/>	10.xml	0.08	Available	Errors detected	
<input type="radio"/>	11.xml	0.08	Available	Errors detected	
<input type="radio"/>	111.xml	0.08	Imported	Successful	18/02/2014 11:41:31
<input type="radio"/>	1set.xml	0.04	Imported	Successful with parameters NYA	24/02/2015 11:17:34
<input type="radio"/>	2.xml	0.08	Available	Errors detected	
<input type="radio"/>	2set.xml	0.04	Imported	Successful with parameters NYA	26/02/2015 07:42:40
<input type="radio"/>	3.xml	0.08	Available	Errors detected	
<input type="radio"/>	4.xml	0.08	Available	Errors detected	
<input type="radio"/>	5.xml	0.08	Available	Errors detected	

1 2 3 4 5 >

Validate Delete Schedule for Import Upload Dataset Search

Figure 52 : Successful deletion of RINF dataset

The “File Status” of the selected dataset must be “Available”, since only available files can be deleted.

2.4.4.4 Import Dataset

In order to import a dataset, the User selects the desired dataset and click on the “Import Now” button (see Figure 44). The “File Status” and the “Validation Status” of the selected dataset are respectively “Available” and “Successful” or “Successful with parameters NYA”. Otherwise, an error message will be displayed at the top of the Data Management page.

The requested action cannot be performed. The Validation Status of the selected dataset must be "Successful".

	File Name	Size (in MBs)	File Status	Validation Status	Date Imported
<input type="radio"/>	1.xml	0.08	Available	Errors detected	
<input type="radio"/>	10.xml	0.08	Available	Errors detected	
<input type="radio"/>	11.xml	0.08	Available	Errors detected	
<input type="radio"/>	111.xml	0.08	Imported	Successful	18/02/2014 11:41:31
<input type="radio"/>	1set.xml	0.04	Imported	Successful with parameters NYA	24/02/2015 11:17:34
<input type="radio"/>	2.xml	0.08	Available	Errors detected	
<input type="radio"/>	2set.xml	0.04	Imported	Successful with parameters NYA	26/02/2015 07:42:40
<input type="radio"/>	3.xml	0.08	Available	Errors detected	
<input checked="" type="radio"/>	4.xml	0.08	Available	Errors detected	
<input type="radio"/>	5.xml	0.08	Available	Errors detected	

[Validate](#) [Delete](#) [Schedule for Import](#) [Upload Dataset](#) [Search](#)

Figure 53 : Error message when importing invalid dataset

Upon clicking on the “Import Now” button, a pop-up is displayed asking User to confirm the action.

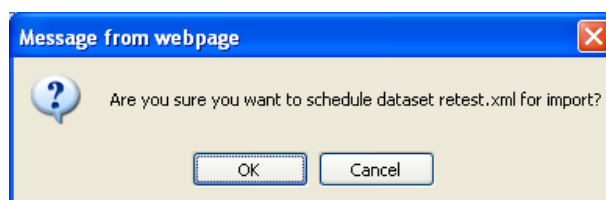


Figure 54 :RINF dataset import, confirmation pop-up

Upon User confirmation, the import process is initiated and a confirmation message is displayed at the top of the Data Management page.

Dataset 44.xml was successfully scheduled for import.

	File Name	Size (in MBs)	File Status	Validation Status	Date Imported
<input type="radio"/>	1.xml	0.08	Available	Errors detected	
<input type="radio"/>	10.xml	0.08	Available	Errors detected	
<input type="radio"/>	11.xml	0.08	Available	Errors detected	
<input type="radio"/>	111.xml	0.08	Imported	Successful	18/02/2014 11:41:31
<input type="radio"/>	1set.xml	0.04	Imported	Successful with parameters NYA	24/02/2015 11:17:34
<input type="radio"/>	2.xml	0.08	Available	Errors detected	
<input type="radio"/>	2set.xml	0.04	Imported	Successful with parameters NYA	26/02/2015 07:42:40
<input type="radio"/>	3.xml	0.08	Available	Errors detected	
<input type="radio"/>	4.xml	0.08	Available	Errors detected	
<input type="radio"/>	44.xml	0.04	Scheduled For Import	Successful with parameters NYA	


[Validate](#) [Delete](#) [Schedule for Import](#) [Upload Dataset](#) [Search](#)

Figure 55: Scheduled for import success message

In addition, the “File Status” of the dataset is changed from “Available” to “Scheduled for Import”. Please note that the import process is asynchronous and it is scheduled to take place during off-peak hours due to the potentially large size of the XML files.

Until the import process is finished, the User is not able either to schedule another dataset for import or to upload a new dataset for the specific country (see Figure 56).

Upload a dataset (in compressed format)

 The requested action cannot be performed. There is a Member State dataset scheduled for import.

File Browse...

Upload

Figure 56 : Error message when trying to upload a dataset while importing is scheduled


When the importing is completed, the “File Status” of the imported file will change from “Scheduled for Import” to “Imported”.

2.4.4.5 New data submission notification for RRUs

RRUs can select the MSs they want to get notifications from, in case of new data submission. They will receive emails whenever the chosen member state NREs update the railway data.


2.4.5 RINF Data Sets Management

By clicking the “RINF Data Sets Management” link the following page is displayed to the NRE User:



[Search RINF Data](#) | [Visual Representation](#) | [Data Management](#) | [RINF Data Sets Management](#) | [unreg. NRE User](#) | [Log off](#)

English ▼

RINF Data Sets Management
 User Manual PDF, 78 KB

	Dataset name 1	Last modified (Submission / Upload) date
<input type="checkbox"/>	TTC 0123_without6.xml	15/12/2014 17:49:48
<input type="checkbox"/>	TTC 0123_echoo.xml	27/11/2014 18:52:38
<input type="checkbox"/>	test0903_TTC 0123_.xml	09/03/2015 18:00:28
<input type="checkbox"/>	RINF Parameters Example new.xml	13/11/2014 13:31:46
<input type="checkbox"/>	0903001.xml	09/03/2015 17:07:42

Merge
Upload
Download
Delete

	Dataset name 2	Merge (Creation) Date
<input type="checkbox"/>	test3.xml	15/12/2014 15:46:16
<input type="checkbox"/>	Merged test 02.xml	09/03/2015 18:12:47
<input type="checkbox"/>	Merged 2412_01.xml	24/12/2014 15:05:56
<input type="checkbox"/>	Merged 0309.xml	09/03/2015 17:35:20

Download
Delete
Transfer To Data Management

Figure 57 : RINF Data Sets Management page

All the subsets of RINF data that have been created and sent by the IM of the NRE country are listed in the first list. The list contains the datasets that have been uploaded by the NRE User. In addition, pagination is not available in this dataset list.

Through the first list, the NRE User can perform the following actions regarding the RINF datasets:

- Merge
- Upload
- Download
- Delete

Through the RINF Data Sets Management, the NRE User is able to select and merge the desired datasets into a single dataset. The new dataset that is created after the merging process is listed in the second list.

Through the second list, the NRE User can perform the following actions:

- Download
- Delete
- Transfer to Data Management

The above actions are described in detail in the following sections.

2.4.5.1 Merge RINF Datasets

To merge RINF datasets, the NRE User selects at least two datasets and clicks on the “Merge” button. Then a pop-up window opens, the NRE User defines the “Name” of the merged dataset and clicks on the “Save” button (see Figure 58).

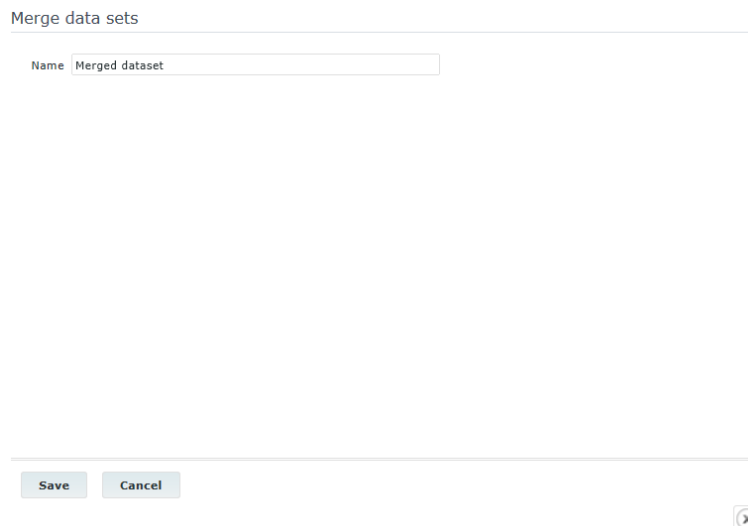


Figure 58 : Merge datasets

The pop-up window closes and an informative message is displayed at the top of the page to confirm that the datasets have been successfully merged (see Figure 59).

RINF Data Sets Management

User Manual
PDF, 78 KB

✓ The datasets RINF Parameters Example new.xml,0903001.xml are Merged successfully.

	Dataset name	Last modified (Submission / Upload) date
<input type="checkbox"/>	TTC 0123_without6.xml	15/12/2014 17:49:48
<input type="checkbox"/>	TTC 0123_echoo.xml	27/11/2014 18:52:38
<input type="checkbox"/>	test0903_TTC 0123_.xml	09/03/2015 18:00:28
<input type="checkbox"/>	RINF Parameters Example new.xml	13/11/2014 13:31:46
<input type="checkbox"/>	0903001.xml	09/03/2015 17:07:42

Merge Upload Download Delete

	Dataset name	Merge (Creation) Date
<input type="checkbox"/>	test3.xml	15/12/2014 15:46:16
<input type="checkbox"/>	Merged test 02.xml	09/03/2015 18:12:47
<input type="checkbox"/>	Merged datasets.xml	11/03/2015 11:21:08
<input type="checkbox"/>	Merged 2412_01.xml	24/12/2014 15:05:56
<input type="checkbox"/>	Merged 0309.xml	09/03/2015 17:35:20

Download Delete Transfer To Data Management

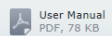
Figure 59 : Successfully merged RINF datasets

The newly created dataset containing the merged data will be displayed in the second list.

2.4.5.2 Upload Dataset

The NRE User can upload a new dataset by clicking on the “Upload” button. The process is similar to the process described in section “2.4.4.1 Upload Dataset”.

Upon a successful dataset uploading, an informative message is displayed at the top of the RINF Data Sets Management page.

RINF Data Sets Management 

✓ The dataset has been uploaded successfully.

	Dataset name	Last modified (Submission / Upload) date
<input type="checkbox"/>	TTC 0123_without6.xml	15/12/2014 5:49:48 μμ
<input type="checkbox"/>	TTC 0123_RINF dataset.xml	11/3/2015 2:54:05 μμ
<input type="checkbox"/>	RINF Parameters Example.xml	9/3/2015 5:07:42 μμ
<input type="checkbox"/>	RINF Parameters Example new.xml	13/11/2014 1:31:46 μμ

Merge Upload Download Delete

	Dataset name	Merge (Creation) Date
<input type="checkbox"/>	test3.xml	15/12/2014 3:46:16 μμ
<input type="checkbox"/>	Merged test 02.xml	9/3/2015 6:12:47 μμ
<input type="checkbox"/>	Merged datasets.xml	11/3/2015 11:21:08 μμ
<input type="checkbox"/>	Merged 2412_01.xml	24/12/2014 3:05:56 μμ
<input type="checkbox"/>	Merged 0309.xml	9/3/2015 5:35:20 μμ

Download Delete Transfer To Data Management

Figure 60 : Successful dataset uploading

2.4.5.3 Download Dataset

To download a RINF dataset, the NRE User selects the desired dataset from the respective list (either from list 1 or list 2) and clicks on the “Download” button of the respective list. The RINF system prompts the NRE User to open or save the XML file.

Only one RINFdataset must be selected for the downloading process.

If the NRE User does not select a RINF dataset from the respective list, then the RINF system displays a warning message indicating that one RINF dataset must be selected for the downloading process.

2.4.5.4 Delete Dataset

The NRE User selects the desired dataset(s) from the respective list (either from list 1 or list 2) and clicks on the “Delete” button of the respective list. A confirmation pop-up window opens that prompts the NRE User to confirm the deletion of the selected dataset.

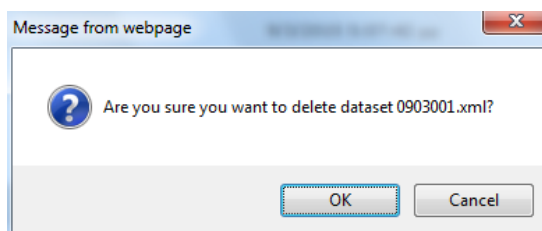



Figure 61 : Confirmation message for Dataset deletion

Upon confirmation by the User, the pop-up window closes. The RINF system deletes the selected dataset(s) and an informative message appears on the page, indicating that the deletion of the selected dataset(s) has been successful.

RINF Data Sets Management

 User Manual
PDF, 78 KB

✔ Datasets TTC 0123_echoo.xml,test0903_TTC 0123_.xml was deleted successfully.

	Dataset name	Last modified (Submission / Upload) date
<input type="checkbox"/>	TTC 0123_without6.xml	15/12/2014 5:49:48 μμ
<input type="checkbox"/>	TTC 0123_RINF dataset.xml	11/3/2015 2:54:05 μμ
<input type="checkbox"/>	RINF Parameters Example new.xml	13/11/2014 1:31:46 μμ

Merge Upload Download Delete

	Dataset name	Merge (Creation) Date
<input type="checkbox"/>	test3.xml	15/12/2014 3:46:16 μμ
<input type="checkbox"/>	Merged test 02.xml	9/3/2015 6:12:47 μμ
<input type="checkbox"/>	Merged datasets.xml	11/3/2015 11:21:08 μμ
<input type="checkbox"/>	Merged 2412_01.xml	24/12/2014 3:05:56 μμ
<input type="checkbox"/>	Merged 0309.xml	9/3/2015 5:35:20 μμ

Download Delete Transfer To Data Management

Figure 62 : Successful dataset deletion

The NRE User can select more than one datasets to delete.


If the NRE User does not select a RINF dataset from the respective list and clicks on the “Delete” button, then an informative error message is displayed indicating that a RINF dataset must be selected for this process.


2.4.5.5 Transfer to Data Management

The NRE User selects the desired RINF dataset(s) from the respective second list and clicks on the “Transfer To Data Management” button. A pop-up window is displayed and the RINF system prompts the NRE User to confirm the transfer. By confirming the action, the RINF system transfers

the merged RINF dataset(s) to the list of datasets available at the “Data Management” page. An informative message is displayed at the top of the page indicating that the selected dataset has been transferred successfully to Data Management.

RINF Data Sets Management

 User Manual
PDF, 78 KB


The datasets has been transferd successfully to Data Management.

	Dataset name	Last modified (Submission / Upload) date
<input type="checkbox"/>	TTC 0123_without6.xml	15/12/2014 5:49:48 μμ
<input type="checkbox"/>	TTC 0123_RINF dataset.xml	11/3/2015 2:54:05 μμ
<input type="checkbox"/>	TTC 0123_echoo.xml	27/11/2014 6:52:38 μμ
<input type="checkbox"/>	test0903_TTC 0123_.xml	9/3/2015 6:00:28 μμ
<input type="checkbox"/>	RINF Parameters Example new.xml	13/11/2014 1:31:46 μμ

Merge Upload Download Delete

	Dataset name	Merge (Creation) Date
<input type="checkbox"/>	test3.xml	15/12/2014 3:46:16 μμ
<input type="checkbox"/>	Merged test 02.xml	9/3/2015 6:12:47 μμ
<input type="checkbox"/>	Merged datasets.xml	11/3/2015 11:21:08 μμ
<input type="checkbox"/>	Merged 2412_01.xml	24/12/2014 3:05:56 μμ
<input type="checkbox"/>	Merged 0309.xml	9/3/2015 5:35:20 μμ

Download Delete Transfer To Data Management

Figure 63 : Successful dataset(s) tranfer to Data Management

Please note that the transferred dataset is copied and not moved in the Data Management. Therefore it remains visible and available in the second list.

If the NRE User does not select a RINF data set from the second list and clicks on the “Transfer To Data Management” button, then an informative error message is displayed indicating that a RINF dataset must be selected for this process.

2.4.6 Domestic border point management

This is a functionality introduced with version 1.6 of the RINF application, allowing NREs to manage the domestic border points at national level.

The data set validation process is checking for any provided operational points of type “domestic border point” and verify if its details exists in this list. For a correct validation of a domestic border point, there should be a match of Unique OP ID and geographical coordinates with one of the records in the domestic border points in the list.

[Download Domestic Border Points Excel template](#)

Upload from Excel file:

[Choose a file](#)

[Upload](#)

Page size: 50 Export list: - Select - OK							
Unique OP ID	Operational Point Name	Latitude	Longitude	Neighbour IM Name/Code	Neighbour IM Name/Code	Action	Action
MTAPD	Apeldoorn	52.2092	5.9718	WXYZ	COMSA MACHINERY & EQUIPMENT SL	Edit	Delete
MTAPD NRE	dbp nre	52.3092	5.9718	9989	ABCD	Edit	Delete
MTasdad	asdad	2	4	VTG Rail Europe GmbH	Barter Coal sp. z o.o.	Edit	Delete
MTasdadq	asdad	1.234	454.234	ŠKODA JS a.s.	SAM-SHIPBUILDING AND MACHINERY a.s.	Edit	Delete
MTasdads	test	1.234567	52.123231	9999	Starkenberger Baustoffwerke GmbH	Edit	Delete
MTupload1	upload	88.8	77.7	Retrack Hungaria Korlátolt Felelősségű Társaság	Kellner Telecom GmbH	Edit	Delete
MTupload2	upload 2	99.9	66.6	Retrack Hungaria Korlátolt Felelősségű Társaság	Kellner Telecom GmbH	Edit	Delete
TEST2	eeeeeee	4444	5555	6969	RONA, a.s.	Edit	Delete
TEST3	my upload 1	11.1	22.2	České dráhy, a.s.	6996	Edit	Delete

Total number of items: 9

<< < [1] > >>

Page size: 50 Export list: - Select - OK							
--	--	--	--	--	--	--	--

[Create New](#)

The NRE will only be able to see all the domestic border points.

The NRE use rcan perform the following actions:

1. Download the Domestic border points Excel template – to be used for bulk upload
2. Bulk upload of domestic border points – the user provides an Excel file with data in the same table format as the Domestic Border Points Excel template
3. Create a new individual domestic border point – without bulk upload, by clicking on the “Create New” button.

Unique OP ID	Operational Point Name	Latitude	Longitude	Neighbour IM Name/Code	Action	Action
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Add	Cancel

Total number of items: 0

<< < [1] > >>

Page size: 10 Export list: - Select - OK							
--	--	--	--	--	--	--	--

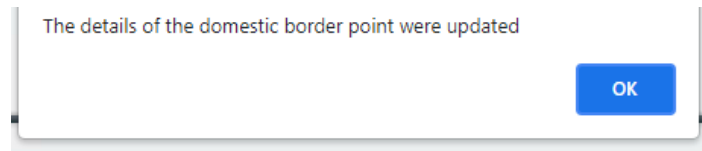
[Create New](#)

All fields are mandatory. The user needs to provide the National Unique OP ID in the CCAAAAAAAAAA format, where the CC is the member state country code. There are 2 Neighbour IM Name/Code fields, that should contain the organisation code of the IMs sharing this operational point. While typing into the Neighbour IM Name/Code fields, there will be an autocomplete functionality, providing a list of organisation names related to the typed in text. If there is a relevant result, it can be selected from the list and the new domestic border point can be saved. If there is no result or no relevant one, then the organisation code (sometimes called IM code, TAF/TAP code, company code or 4 alpha-numeric code) should be provided before saving the changes.

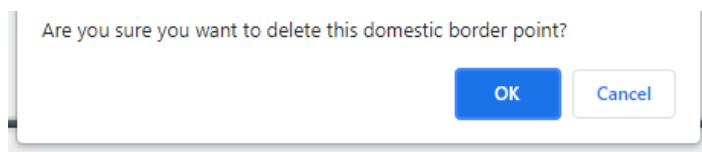
4. Update domestic border point information – by clicking on the “Edit” button located on the same row.

Unique OP ID	Operational Point Name	Latitude	Longitude	Neighbour IM Name/Code	Action
MTasdad	test	1.234567	52.123231	Starkenberger Baustol	<input type="button" value="Save"/> <input type="button" value="Cancel"/>

After the changes are applied, the user needs to click on the “Save” button to save the modification, or “Cancel” button to come back to the initial data. After each operation a popup message will be displayed.



5. Delete a domestic border point – by clicking the “Delete” button on the same row. A confirmation message is displayed to prevent unwanted deletions.



2.4.7 Contact us

The process for submitting a comment, propose a change or notify an issue in the system is the same described for Standard Users in section “2.3.4 Contact us”.

2.5 IM Users

The IM Users can perform the actions described in the following sections.

2.5.1 Search RINF Data

The process for searching for RINF data for IM Users is the same process that is described in section “2.3.1 Search RINF Data” for Standard Users.

2.5.2 Visual Representation

The process for viewing the RINF data on the map for IM Users is the same process that is described in section “2.3.2 Visual Representation” for Standard Users.

2.5.3 Route Calculation

The process for finding and calculating a route between two or more points within the railway network is the same as described in section “2.3.3 Route Calculation” for Standard Users.

2.5.4 RINF Datasets Management

By clicking the “RINF Data Sets Management” link, the following page is displayed to the IM User (see Figure 64):

	Data Set Name	Size (in MBs)	File Status	Validation Status	Last Modified Date
<input type="radio"/>	UK-RINF-Submission-25092017_v6.xml	116.09	Available	Errors detected	
<input type="radio"/>	test2.xml	0.00	Available	Errors detected	
<input type="radio"/>	9999 import test.xml	0.11	Scheduled For Import	Successful with parameters NYA	
<input type="radio"/>	_test8.xml	1.09	Imported	Not started	23/06/2021 16:22:48
<input type="radio"/>	_MT_uk_minaxelload issue.xml	0.02	Imported	Not started	23/06/2021 12:27:39
<input type="radio"/>	_MT_new_params.xml	0.01	Imported	Not started	23/06/2021 12:27:39
<input type="radio"/>	_MT_new_params 2.xml	0.01	Imported	Not started	23/06/2021 12:27:39
<input type="radio"/>	_MT_border points.xml	0.08	Imported	Not started	23/06/2021 12:27:39
<input type="radio"/>	_MT_1_border points.xml	0.11	Imported	Not started	23/06/2021 12:27:39
<input type="radio"/>	_MT test set attribute.xml	0.02	Available	Successful with parameters NYA	
<input type="radio"/>	_MT test bug 1142.xml	0.02	Available	Successful	

Validate

Import dataset

Upload Dataset

Create New

Edit

Delete

Download

Send to NRE

Figure 64 : RINF Data Sets Management page

The RINF system displays a list with the datasets that have already been created and uploaded by the IM User and/or currently logged in by other IM Users who belong to the same IM Organisation. Please note that pagination is not available in this list.

Through this page, the IM User can perform the following actions regarding the RINF datasets:

- Create New
- Edit
- Delete
- Download
- Upload
- Validate

ImportSend to NRE The above actions are described in detail in the following sections.

2.5.4.1 Create New

When the IM User clicks on the “Create New” button, the RINF system opens the pop-up form displayed in Figure 65:

Create Dataset

Member State Code

EL

Data Set Name

RINF Dataset

.xml

Member State Version

0.1

Save

Cancel




Figure 65 : Create new dataset

The MS Code is displayed in read-only mode and is the code of the IM User's MS. The IM User provides the desired dataset name and the version in the respective fields and clicks on the "Save" button. The RINF system opens the "Edit RINF XML Data" page as depicted in Figure 66.

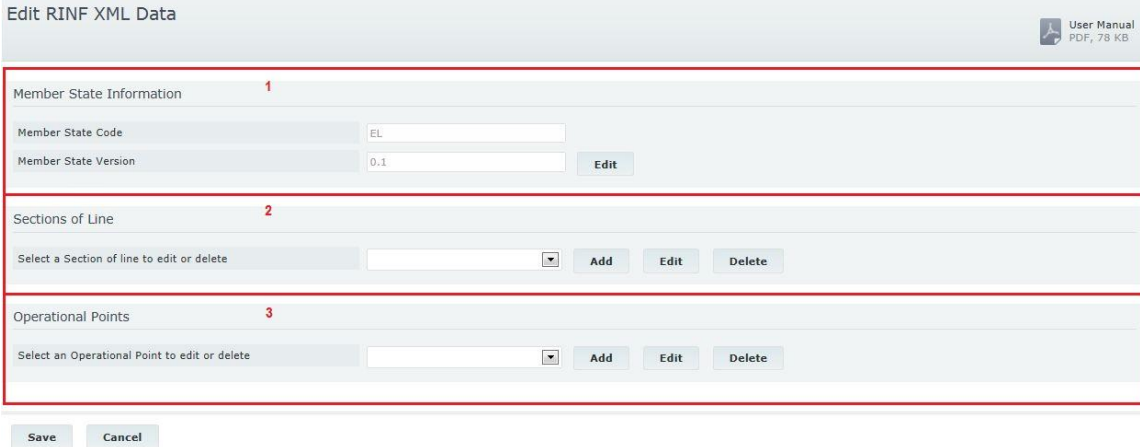


Figure 66 : Create new RINF XML Data

Three list forms are available:

- 1 - MS Information, displaying the following information:
 - MS Code (read-only, based on the MS of the IM User)
 - MS Version
- 2 - Sections of Line: at this stage the dropdown list is empty and the following actions are available:
 - Add
 - Edit
 - Delete
- 3- Operational Points: at this stage the dropdown list is empty and the following actions are available:
 - Add
 - Edit
 - Delete

The following actions are available through this form:




- Save
- Cancel

The IM User clicks on the "Add" button next to the list of SoLs or OP and the RINF system opens a new page that contains the RINF parameters that are applicable either for the SoL or for the OP.

When the IM User clicks on the "Add" button in the SoLs list, the following page opens (see Figure 67):

SECTION OF LINE



Generic information


IM Code	<input type="text"/>
Length of section of line	<input type="text"/>
National line identification	<input type="text"/>
Nature of section of line	- Select - 
Operational Point at start of Section of Line	<input type="text"/>
Operational Point at end of Section of Line	<input type="text"/>
Validity Date Start	<input type="text"/> 
Validity Date End	<input type="text"/> 

▼ Tracks

Select track to view, edit or delete. - Select - 




Figure 67 : Create new SoL

For repeatable parameters and “Location Points” the possibility to add / remove a new parameter or Location Point is provided through the respective buttons   . Figure 68 illustrates an example of the displayed page in case the IM User defines the parameters of a new SoL.


Edit Section of Line
 User Manual
PDF, 78 KB

SECTION OF LINE




Generic information

IM Code	9988	
Length of section of line	1245	
National line identification		
Nature of section of line	Link	
Operational Point at start of Section of Line		
Operational Point at end of Section of Line		
Validity Date Start	01/03/2011	
Validity Date End	01/03/2018	

Tracks








Select track to view, edit or delete. New Track  Add Delete

Generic information

Identification of track		
Normal running direction	- Select -	
Validity Date Start		
Validity Date End		

Infrastructure subsystem

Declarations of verification for track

EC declaration of verification for track (INF)		Is Applicable - Select - 
EC declaration of verification for track (INF)		Is Applicable - Select - 
 		
EI declaration of demonstration for track (INF)		Is Applicable - Select - 
 		

Performance parameters

Line layout


Track parameters

Switches and crossings

Track resistance to applied loads

Health, safety and environment

Tunnel
















Select Tunnel to view, edit or delete. - Select -  Add Delete

Energy subsystem

Declarations of verification for track

Contact line system

Pantograph

Accepted TSI compliant pantograph heads	1950 mm (Type 1)	Is Applicable Y 
Location Points		
Accepted TSI compliant pantograph heads	1600 mm (EP)	Is Applicable N/A 
Location Points		
 		
Accepted other pantograph heads	- Select -	Is Applicable - Select - 
Location Points		
 		
 		
Requirements for number of raised pantographs and spacing between them, at the given speed		Is Applicable - Select - 
Location Points		
 		
Permitted contact strip material	- Select -	Is Applicable - Select - 
Location Points		
 		

OCL separation sections

Requirements for rolling stock

Control-command and signalling subsystem

Save Save as new Cancel

Figure 68 : SoL parameters definition

The IM User fills in the desired parameters and clicks on the “Save” option. The RINF system creates temporarily the new SoL item and the IM User is redirected to the “Edit RINF XML Data” page. At the top of the page is displayed an informative message confirming that the SoL has been temporarily saved. To save permanently the SoL, the IM User clicks on the “Save” button.

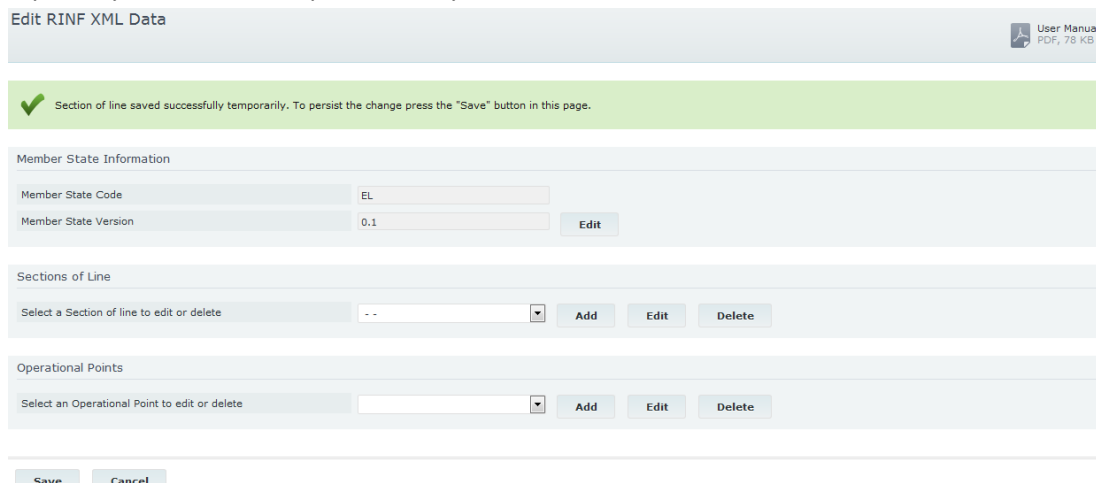
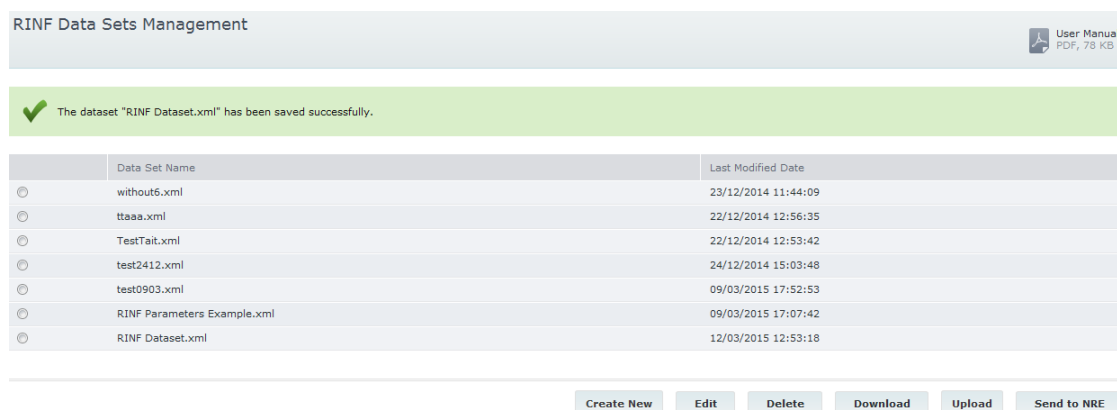


Figure 69 : Temporarily saved dataset for newly created SoL


The RINF system permanently saves the dataset for the SoL definition and the IM User is redirected to the “RINF Data Sets Management” page. An informative message is displayed at the top of the page confirming that the dataset has been saved successfully.



	Data Set Name	Last Modified Date
○	without6.xml	23/12/2014 11:44:09
○	ttaaa.xml	22/12/2014 12:56:35
○	TestTait.xml	22/12/2014 12:53:42
○	test2412.xml	24/12/2014 15:03:48
○	test0903.xml	09/03/2015 17:52:53
○	RINF Parameters Example.xml	09/03/2015 17:07:42
○	RINF Dataset.xml	12/03/2015 12:53:18

Figure 70 : Dataset has been saved permanently

Figure 71 illustrates an example of the page displayed when the IM User defines the parameters of a new OP.

Edit Operational Point


OPERATIONAL POINT

Generic information


Name of Operational Point

Unique OP ID

Validity Date Start


Validity Date End



Type of Operational Point

- Select - 

OP TAF TAP primary code

Is Applicable

- Select - 

Geographical location of Operational Point



Longitude

Latitude

Railway location of Operational Point


Kilometer

National Identification

▼ RUNNING TRACK

Select track to view, edit or delete.



› Generic information

› Declarations of verification for track

› Performance parameters

› Line layout


› Track parameters

› Tunnel

› Platform

▼ SIDING

Select siding to view, edit or delete.




› Save › Save as new › Cancel

Figure 71 : OP parameters definition

The process to create a new OP is similar to the process described above to create a SOL.

2.5.4.2 Edit

The IM User selects the desired RINF dataset from the displayed list and clicks on the “Edit” button. The following page is displayed.

Edit RINF XML Data



Member State Information 1

Member State Code

Member State Version


Sections of Line 2

Select a Section of line to edit or delete



Operational Points 3

Select an Operational Point to edit or delete



The page is similar to the page displayed in case of dataset creation. Therefore, three lists are available:

- 1- Member State Information, displaying the following information:
 - MS Code (read-only, based on the MS of the IM User)
 - MS Version: the “Edit” action is available for the MS Version.
- 2 -Sections of Line: the following actions are available:
 - Add
 - Edit
 - Delete
- 3 - Operational Points: The following actions are available:
 - Add
 - Edit
 - Delete

The following actions are available through this form:


- Save
- Cancel

The IM User selects an item either from the SoLs list or from the OPs list and clicks on the respective “Edit” button. The RINF system displays a new page displaying the applicable RINF parameters and their values according to the IM User’s selection. Moreover, the following actions are available:

- Save
- Save as new
- Cancel



When the IM User clicks on the “Edit” button in the SoLs list, the following page opens (see Figure 73):

Edit Section of Line

 User Manual
PDF, 78 KB

SECTION OF LINE

Generic information

IM Code	<input type="text" value="9988"/>
Length of section of line	<input type="text" value="1245"/>
National line identification	<input type="text" value="ELLine0009"/>
Nature of section of line	<input type="text" value="Link"/>
Operational Point at start of Section of Line	<input type="text" value="OP01"/>
Operational Point at end of Section of Line	<input type="text" value="OP02"/>
Validity Date Start	<input type="text" value="01/03/2011"/> 
Validity Date End	<input type="text" value="01/03/2018"/> 

▼ Tracks

Select track to view, edit or delete.

► Generic information

▼ Infrastructure subsystem



► Declarations of verification for track

► Performance parameters

▼ Line layout

Interoperable gauge	<input type="text" value="- Select -"/>	Is Applicable	<input type="text" value="- Select -"/>
---------------------	---	---------------	---

▼ Location Points



 

Multinational gauges	<input type="text" value="- Select -"/>	Is Applicable	<input type="text" value="- Select -"/>
----------------------	---	---------------	---

► Location Points



National gauges	<input type="text" value="- Select -"/>	Is Applicable	<input type="text" value="- Select -"/>
-----------------	---	---------------	---

► Location Points



Standard combined transport profile number for swap bodies	<input type="text" value="- Select -"/>	Is Applicable	<input type="text" value="- Select -"/>
--	---	---------------	---

► Location Points



Standard combined transport profile number for semi-trailers	<input type="text" value="- Select -"/>	Is Applicable	<input type="text" value="- Select -"/>
--	---	---------------	---

► Location Points

Gradient profile	<input type="text"/>	Is Applicable	<input type="text" value="- Select -"/>
------------------	----------------------	---------------	---

► Location Points

Minimum radius of horizontal curve	<input type="text"/>	Is Applicable	<input type="text" value="- Select -"/>
------------------------------------	----------------------	---------------	---

► Location Points

► Track parameters

► Switches and crossings

► Track resistance to applied loads



► Health, safety and environment

► Tunnel

► Energy subsystem

► Control-command and signalling subsystem

Figure 73 : Edit Sol

For repeatable parameters and “Location Points”, the possibility to add / remove a new parameter or Location Point is provided through the respective buttons   .

The IM User updates the desired parameters and clicks on the “Save” option.

The RINF system updates temporarily the SoL item and the IM User is redirected to the “Edit RINF XML Data” page. Then the system displays an informative message at the top of the page and the updated list of SoLs (see Figure 74). At this stage, the IM User may temporarily update more SoLs.

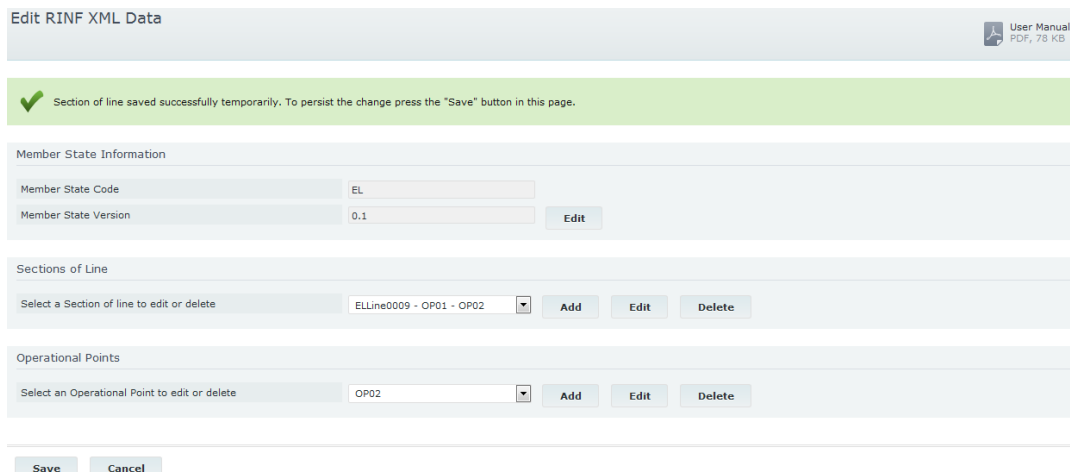
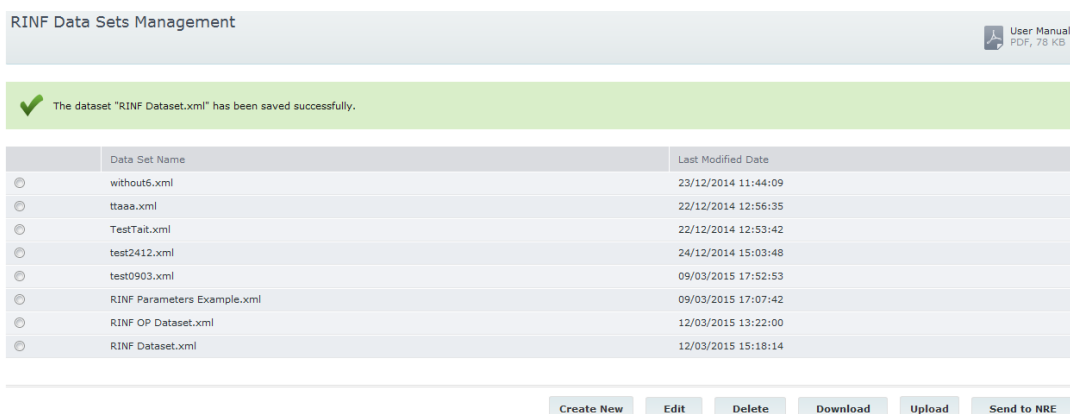


Figure 74 : Temporarily saved updated dataset for SoL

In order to permanently save the SoL change, the IM User clicks on the “Save” button. Then the RINF system permanently saves the updates and redirects the IM User to the “RINF Data Sets Management” page. An informative message is displayed at the top of the page indicating the successful dataset storage (see Figure 75)




Data Set Name	Last Modified Date
without6.xml	23/12/2014 11:44:09
ttaa.xml	22/12/2014 12:56:35
TestTait.xml	22/12/2014 12:53:42
test2412.xml	24/12/2014 15:03:48
test0903.xml	09/03/2015 17:52:53
RINF Parameters Example.xml	09/03/2015 17:07:42
RINF OP Dataset.xml	12/03/2015 13:22:00
RINF Dataset.xml	12/03/2015 15:18:14

Figure 75 : Updated dataset has been saved permanently





Figure 76 illustrates an example of the page displayed when the IM User edits the parameters of an OP.

Edit Operational Point

 User Manual
PDF, 78 KB

OPERATIONAL POINT

Generic information

Name of Operational Point	<input type="text" value="OP02"/>		
Unique OP ID	<input type="text" value="EL00017"/>		
Validity Date Start	<input type="text" value="01/03/2010"/>		
Validity Date End	<input type="text" value="01/03/2018"/>		
Type of Operational Point	<input type="text" value="station"/>		
OP TAF TAP primary code	<input type="text" value="XX00012"/>	Is Applicable	<input type="text" value="Y"/>

+ X

Geographical location of Operational Point


Longitude	<input type="text" value="0"/>
Latitude	<input type="text" value="0"/>

Railway location of Operational Point



Kilometer	<input type="text" value="0"/>
National Identification	<input type="text"/>

+ X

▼ RUNNING TRACK

Select track to view, edit or delete.  Add Delete

▼ Generic information

IM's Code	<input type="text"/>
Identification of track	<input type="text"/>
Validity Date Start	<input type="text"/> 
Validity Date End	<input type="text"/> 

Declarations of verification for track

Performance parameters

Line layout

Track parameters

Tunnel

Platform

SIDING

Save Save as new Cancel

Figure 76 : Edit OP

The process for editing an existing OP is similar to the above described process for editing SoL.

If the IM User does not select a RINF dataset from the respective list and clicks on the “Edit” option, an informative error message is displayed indicating that one RINF data set must be selected for this operation.

2.5.4.3 Delete

To delete a RINF dataset; the IM User selects the desired RINF dataset from the displayed list and clicks on the “Delete” button. A confirmation pop-up window opens prompting the IM User to confirm the deletion of the selected dataset (see Figure 77). Upon confirmation by the IM User the pop-up window closes.

The RINF system deletes the selected dataset and an informative message appears on the page, indicating that the deletion of the selected dataset has been successful.

✓ Dataset echoo.xml was deleted successfully.

	Data Set Name	Last Modified Date
⊖	without6.xml	23/12/2014 11:44:09 μμ
⊖	ttaaa.xml	22/12/2014 12:56:35 μμ
⊖	TestTait.xml	22/12/2014 12:53:42 μμ
⊖	test2412.xml	24/12/2014 3:03:48 μμ
⊖	test0903.xml	9/3/2015 5:52:53 μμ
⊖	RINF dataset.xml	11/3/2015 2:54:05 μμ

Create New Edit Delete Download Upload Send to NRE

Figure 77 : Dataset deletion

Only one dataset can be selected for the deletion process.

If the IM User does not select a RINF dataset and clicks on the “Delete” button, then an informative error message is displayed indicating that a RINF dataset must be selected for this process.

Only the datasets having “Available” as the File Status can be deleted. The deletion is restricted for any other file status.

2.5.4.4 Download

The IM User selects the desired dataset from the displayed list and clicks on the “Download” button. The RINF system prompts the IM User to open or save the XML file.

Only one RINF dataset can be selected for the downloading process.

If the IM User does not select a RINF dataset from the respective list, the RINF system displays an informative error message indicating that one RINF dataset must be selected for the downloading process.

2.5.4.5 Upload

The IM User can upload a new dataset by clicking the “Upload” button. The process is similar to the process described in section “2.4.4.1 Upload Dataset”.

Upon successful dataset uploading, an informative message is displayed at the top of the RINF Data Sets Management page.

✓ The dataset has been uploaded successfully.

	Data Set Name	Last Modified Date
⊖	without6.xml	23/12/2014 11:44:09 μμ
⊖	ttaaa.xml	22/12/2014 12:56:35 μμ
⊖	TestTait.xml	22/12/2014 12:53:42 μμ
⊖	test2412.xml	24/12/2014 3:03:48 μμ
⊖	test0903.xml	9/3/2015 5:52:53 μμ
⊖	RINF Parameters Example.xml	9/3/2015 5:07:42 μμ
⊖	RINF dataset.xml	11/3/2015 2:54:05 μμ

Create New Edit Delete Download Upload Send to NRE

Figure 78 : Successful dataset uploading

2.5.4.6 Validate Dataset

In order to validate a dataset, the User selects the desired dataset and click on the “Validate” button (see Figure 48). The system then displays a pop-up prompting the User to confirm the action.

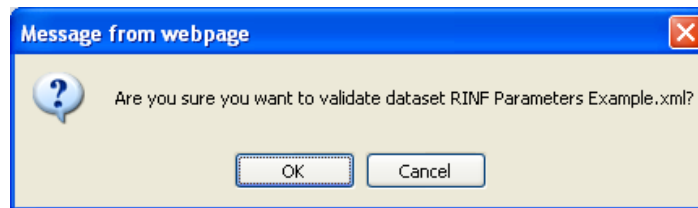




Figure 79 : RINF dataset validation, confirmation pop-up

Upon User confirmation, the system initiates the validation process (Validation status = “In progress”) and an informative message is displayed at the top of the RINF Data Set Management page (see Figure 49).

Manage Member State Datasets  User Manual PDF, 78 KB

 Validation of dataset 44.xml has successfully begun.

	File Name	Size (in MBs)	File Status	Validation Status	Date Imported
<input type="radio"/>	1.xml	0.08	Available	Errors detected	
<input type="radio"/>	10.xml	0.08	Available	Errors detected	
<input type="radio"/>	11.xml	0.08	Available	Errors detected	
<input type="radio"/>	111.xml	0.08	Imported	Successful	18/02/2014 11:41:31
<input type="radio"/>	1set.xml	0.04	Imported	Successful with parameters NYA	24/02/2015 11:17:34
<input type="radio"/>	2.xml	0.08	Available	Errors detected	
<input type="radio"/>	2set.xml	0.04	Imported	Successful with parameters NYA	26/02/2015 07:42:40
<input type="radio"/>	3.xml	0.08	Available	Errors detected	
<input type="radio"/>	4.xml	0.08	Available	Errors detected	
<input type="radio"/>	44.xml	0.04	Available	Successful with parameters NYA	

1 2 3 4 5 >

Figure 80: Initiation of dataset validation process

The User can refresh the page to view the outcome of the validation.

If there are no validation errors, then the “Validation Status” will change to “Successful”. Otherwise, the “Validation Status” will change to “Errors detected” or “Successful with parameters NYA” (active link). The User may click on the link “Errors detected” or “Successful with parameters NYA” in order to view the validation errors in a pop-up window.

Validation Results

NRE that requested the validation unregr

Date and Time of validation completion 17/03/2015 14:23:48

Error description

RINF System has completed the validation of Dataset Data1703 03.xml for Member State EL. The following errors have occurred:
 Error at Line 783, Position 16. The 'Value' attribute is invalid - The value 'TT98765' is invalid according to its datatype 'http://www.w3.org/2001/XMLSchema:decimal' - The string 'TT98765' is not a valid Decimal value.
 Error at Line 941, Position 16. The 'Value' attribute is invalid - The value 'TT98765' is invalid according to its datatype 'http://www.w3.org/2001/XMLSchema:decimal' - The string 'TT98765' is not a valid Decimal value.
 Error at Line 1100, Position 16. The 'Value' attribute is invalid - The value 'TT98765' is invalid according to its datatype 'http://www.w3.org/2001/XMLSchema:decimal' - The string 'TT98765' is not a valid Decimal value.

[Download Validation Results](#)


Figure 81 : Dataset validation error message


To download the validation results in a txt file, the User clicks on the “Download Validation Results” button.

2.5.4.7 Import Dataset

In order to import a dataset, the User selects the desired dataset and click on the “Import Now” button (see Figure 4482). The “File Status” and the “Validation Status” of the selected dataset are respectively “Available” and “Successful” or “Successful with parameters NYA”. Otherwise, an error message will be displayed at the top of the Data Management page.

Manage Member State Datasets


User Manual
PDF, 78 KB


The requested action cannot be performed. The Validation Status of the selected dataset must be "Successful".

	File Name	Size (in MBs)	File Status	Validation Status	Date Imported
<input type="radio"/>	1.xml	0.08	Available	Errors detected	
<input type="radio"/>	10.xml	0.08	Available	Errors detected	
<input type="radio"/>	11.xml	0.08	Available	Errors detected	
<input type="radio"/>	111.xml	0.08	Imported	Successful	18/02/2014 11:41:31
<input type="radio"/>	1set.xml	0.04	Imported	Successful with parameters NYA	24/02/2015 11:17:34
<input type="radio"/>	2.xml	0.08	Available	Errors detected	
<input type="radio"/>	2set.xml	0.04	Imported	Successful with parameters NYA	26/02/2015 07:42:40
<input type="radio"/>	3.xml	0.08	Available	Errors detected	
<input checked="" type="radio"/>	4.xml	0.08	Available	Errors detected	
<input type="radio"/>	5.xml	0.08	Available	Errors detected	

1 2 3 4 5 >

Validate
Delete
Schedule for Import
Upload Dataset
Search

Figure 82 : Error message when importing invalid dataset

Upon clicking on the “Import Now” button, a pop-up is displayed asking User to confirm the action.

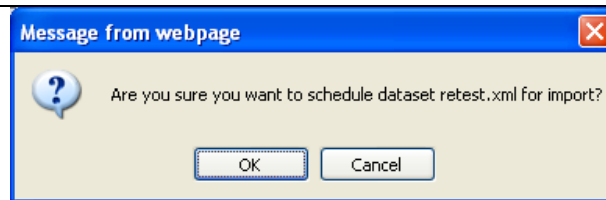


Figure 83 : RINF dataset import, confirmation pop-up

Upon User confirmation, the import process is initiated and a confirmation message is displayed at the top of the IM Dataset Management page.

2.5.4.8 Send to NRE

The IM User selects the desired RINF dataset and clicks on the “Send to NRE” button.

A confirmation pop-up window opens, prompting the IM User to confirm the sending of the RINF data set.

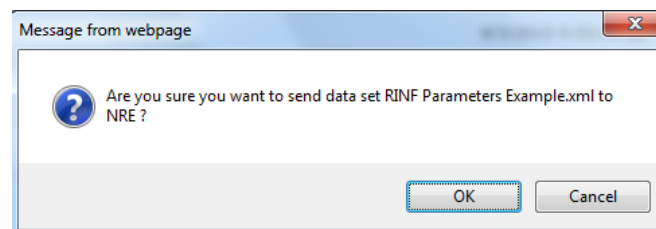



Figure 84 : Confirmation for sending data set to NRE

The IM User clicks on the “OK” option and the pop-up window closes. The RINF system submits the RINF Data set to the NRE and an information message appears on the page, indicating that the RINF data has been sent successfully to NRE (see figure 80).

RINF Data Sets Management
 User Manual PDF, 78 KB

✓ Dataset RINF OP Dataset.xml was sent to NRE successfully.

	Data Set Name	Last Modified Date
<input type="radio"/>	without6.xml	23/12/2014 11:44:09
<input type="radio"/>	ttaaa.xml	22/12/2014 12:56:35
<input type="radio"/>	TestTait.xml	22/12/2014 12:53:42
<input type="radio"/>	test2412.xml	24/12/2014 15:03:48
<input type="radio"/>	test0903.xml	09/03/2015 17:52:53
<input type="radio"/>	RINF Parameters Example.xml	09/03/2015 17:07:42
<input type="radio"/>	RINF OP Dataset.xml	12/03/2015 17:34:57
<input type="radio"/>	RINF Dataset.xml	12/03/2015 15:18:14

Create New
Edit
Delete
Download
Upload
Send to NRE

Figure 795: Dataset successfully sent to NRE

In case another dataset with the same filename from the same IM Organisation has already been sent to the NRE, then the new dataset will overwrite the already existing dataset.

When a dataset has been sent to NRE, its name will be prefixed by the folder name of the respective IM Organisation in order to ensure unique filenames in the NRE folder.


Furthermore, the XML file is copied and not moved to the NRE folder. Therefore, the XML file remains visible and available in the “RINF Data Sets Management” page.

If the IM User does not select a RINF dataset from the respective list and clicks on the “Send to NRE” option, the RINF system displays an informative error message indicating that one RINF dataset must be selected for this operation.

2.5.5 Domestic border point management

This is a functionality introduced with version 1.6 of the RINF application, allowing IMs to manage their domestic border points. The data set validation process is checking for any provided operational points of type “domestic border point” and verify if its details exists in this list. For a correct validation of a domestic border point, there should be a match of Unique OP ID and geographical coordinates.

Domestic Border Points Management

 User Manual PDF, 6.13 MB

Page size: 10 Export list: - Select - OK

Unique OP ID	Operational Point Name	Latitude	Longitude	Neighbour IM Name/Code	Action	Action
34	34c	34.11	34.22	Ing. František Smola	Edit	Delete
dfsdf	sdfsdf	123.45561	345.99	Autoritatea Ferroviara Romana - Organismul Notificat Feroviar Roman	Edit	Delete
MTabc	afdsdfsdf	1.2345789	2.1234567890875	Cargo Wagon, a.s.	Edit	Delete
MTAPD1	Border 9999 - WXYZ	52.0092	5.0718	WXYZ	Edit	Delete
MTdksjryree	asdfg	3.245688	1233.566677	NEOGRAFIA, a.s.	Edit	Delete

Total number of items: 6

<< < [1 2] > >>

Page size: 10 Export list: - Select - OK

Create New

The list of domestic border points is also manageable by the National Registration Entity. The Infrastructure Managers will only be able to see their own domestic border points.

If the list is empty it means that there was no domestic border point defined, which could result in a failed dataset validation if any operational points of type “domestic border point” was provided.

If there exist some domestic border points, it means that the National Registration Entity already managed the list, providing the necessary details. Even if those details were provided by the NRE, the IM is still able to edit or delete them. In consequence, the neighbour IM will also be affected. In this case, any modification should be agreed between IMs (or eventually the NRE can be involved) before it is applied.

The IM has the possibility to create a new domestic border point by clicking the “Create New” button.

Unique OP ID	Operational Point Name	Latitude	Longitude	Neighbour IM Name/Code	Action	Action
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="button" value="Add"/>	<input type="button" value="Cancel"/>

Total number of items: 0

<< < [1] > >>

Page size: 10 Export list: - Select -

All fields are mandatory. The IM need to provide the National Unique OP ID in the CCAAAAAAAAAA format, where the CC is the member state country code. The Neighbour IM field should contain the organisation code of the neighbour IM. While typing into the Neighbour IM Name/Code field, there will be an autocomplete functionality, providing a list of organisation names related to the typed in text. If there is a relevant result, it can be selected from the list and the new domestic border point can be saved. If there is no result or no relevant one, then the organisation code (sometimes called IM code, TAF/TAP code or company code) should be provided before saving the changes.

The details of a domestic border point can be modified by clicking on the “Edit” button located on the same row.

Unique OP ID	Operational Point Name	Latitude	Longitude	Neighbour IM Name/Code	Action	Action
MTasdads	test	1.234567	52.123231	Starkenberger Baustol	<input type="button" value="Save"/>	<input type="button" value="Cancel"/>

After the changes. You need to click on the “Save” button to save the modification, or “Cancel” button to come back to the initial data. After each operation a popup message will be displayed

The details of the domestic border point were updated

A domestic border point can be deleted by clicking the “Delete” button on the same row. A confirmation message is displayed to prevent unwanted deletions.

Are you sure you want to delete this domestic border point?

2.5.6 Contact us

The process for submitting a comment, proposed a change or notify an issue in the system is the same described in section “2.3.4 Contact us” for the Standard Users.

2.6 RRU Users

The RRU Users can perform the actions described in the following sections.

2.6.1 Search RINF Data

The process of searching for RINF data for **RRU** Users is similar to the process that is described in section “2.3.1 Search RINF Data” for the Standard Users.

2.6.2 Visual Representation

The process of viewing the RINF data on the map for **RRU** Users is similar to the process that is described in section “2.3.2 Visual Representation” for the Standard Users.

2.6.3 Route Calculation

The process required for finding and calculating a route between two or more points within the railway network is the same as described in section “2.3.3 Route Calculation” for the Standard Users.

2.6.3.1 Generate an RCC Certificate

The User can generate an RCC Certificate by clicking on the “Generate Certificate” button. The system starts the loading process of generating the RCC Certificate (see Figure 80).

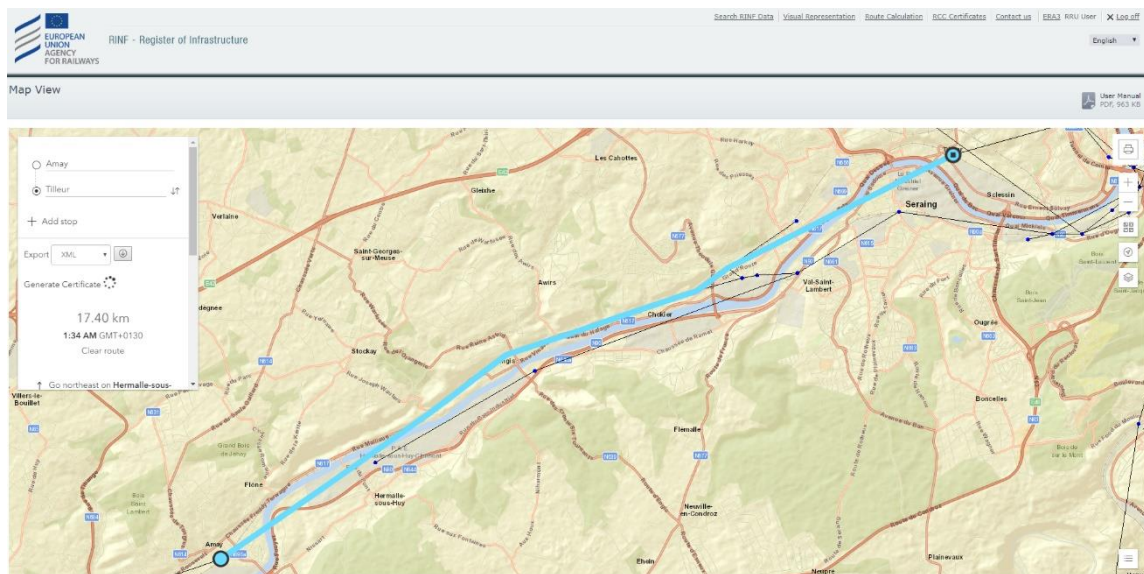


Figure 80 : Generate an RCC Certificate

After completing the procedure the system displays a unique Certificate ID number for the RCC Certificate (see Figure 81).

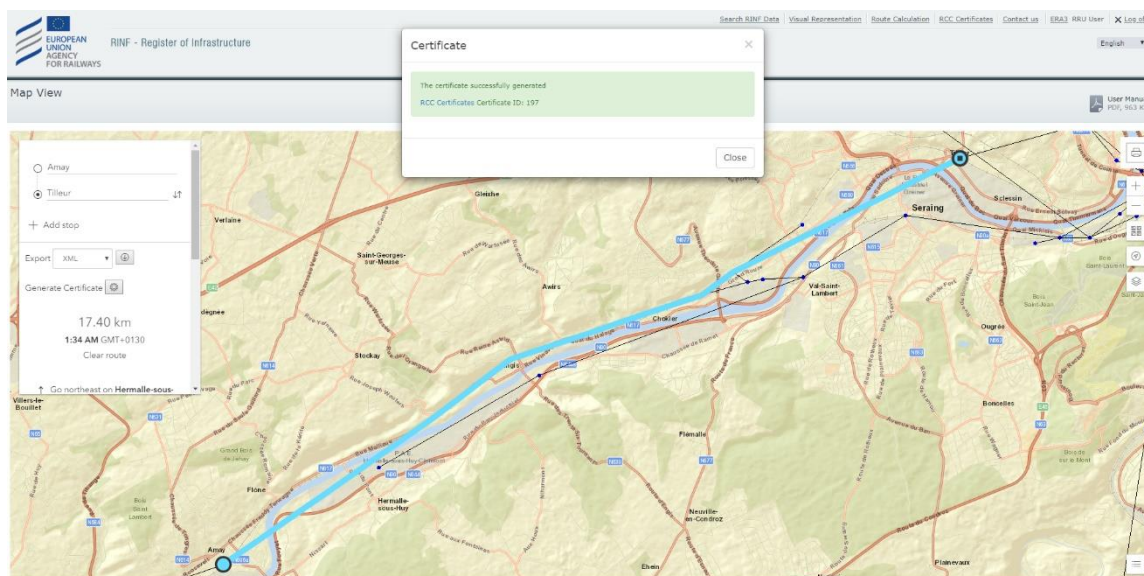
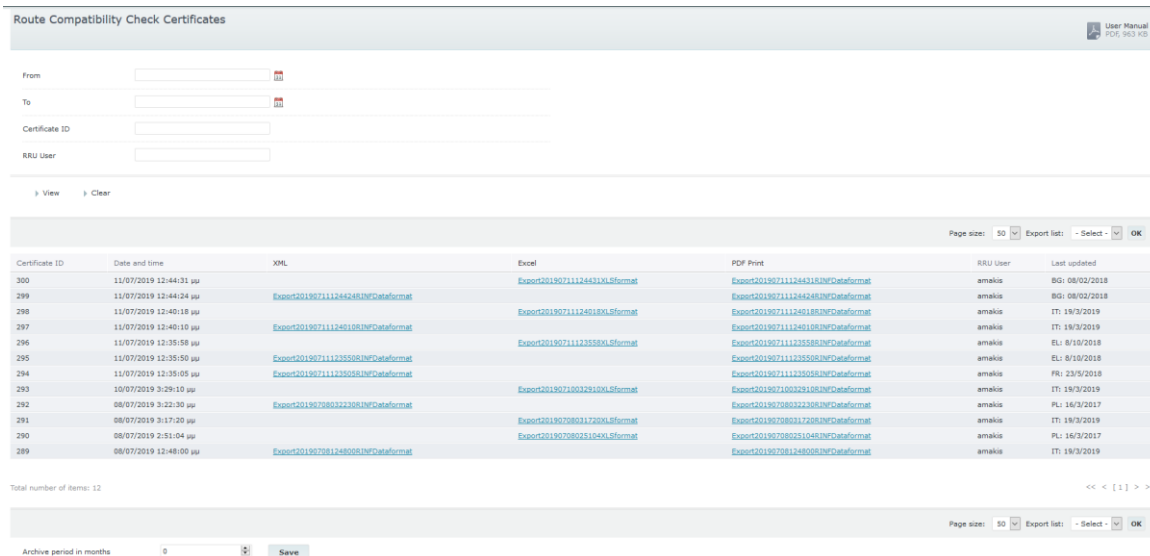


Figure 81 : Certificate ID number

Moreover, the pop-up window contains a hyperlink that redirects the User in Route Compatibility Check Certificates page by clicking on it.

2.6.4 RCC Certificates

In order to access the Route Compatibility Check Certificates page, the User clicks on the “RCC Certificates” link available at the header section. By default, all the RCC Certificates are displayed in the list (see Figure 82).



Route Compatibility Check Certificates

From: To: Certificate ID: RRU User:

> View > Clear

Page size: 50 Export list: - Select - OK

Certificate ID	Date and time	XML	Excel	PDF Print	RRU User	Last updated
300	11/07/2019 12:44:31 µs	Export20190711124431XMLDataFormat	Export20190711124431XLSFormat	Export20190711124431PDFDataFormat	amakis	BG: 08/02/2018
299	11/07/2019 12:44:24 µs	Export20190711124424XMLDataFormat	Export20190711124424XLSFormat	Export20190711124424PDFDataFormat	amakis	IT: 19/3/2019
298	11/07/2019 12:40:18 µs	Export20190711124018XMLDataFormat	Export20190711124018XLSFormat	Export20190711124018PDFDataFormat	amakis	IT: 19/3/2019
297	11/07/2019 12:40:10 µs	Export20190711124010XMLDataFormat	Export20190711124010XLSFormat	Export20190711124010PDFDataFormat	amakis	EL: 8/10/2018
296	11/07/2019 12:35:58 µs	Export20190711123558XMLDataFormat	Export20190711123558XLSFormat	Export20190711123558PDFDataFormat	amakis	EL: 8/10/2018
295	11/07/2019 12:35:50 µs	Export20190711123550XMLDataFormat	Export20190711123550XLSFormat	Export20190711123550PDFDataFormat	amakis	PL: 23/9/2018
294	11/07/2019 12:35:05 µs	Export20190711123505XMLDataFormat	Export20190711123505XLSFormat	Export20190711123505PDFDataFormat	amakis	IT: 19/3/2019
293	10/07/2019 3:29:10 µs	Export20190710032910XMLDataFormat	Export20190710032910XLSFormat	Export20190710032910PDFDataFormat	amakis	PL: 16/3/2017
292	08/07/2019 3:22:30 µs	Export20190708032230XMLDataFormat	Export20190708032230XLSFormat	Export20190708032230PDFDataFormat	amakis	IT: 19/3/2019
291	08/07/2019 3:17:20 µs	Export20190708031720XMLDataFormat	Export20190708031720XLSFormat	Export20190708031720PDFDataFormat	amakis	PL: 16/3/2017
290	08/07/2019 2:51:04 µs	Export20190708025104XMLDataFormat	Export20190708025104XLSFormat	Export20190708025104PDFDataFormat	amakis	PL: 16/3/2017
289	08/07/2019 12:48:00 µs	Export20190708124800XMLDataFormat	Export20190708124800XLSFormat	Export20190708124800PDFDataFormat	amakis	IT: 19/3/2019

Total number of items: 12

Page size: 50 Export list: - Select - OK

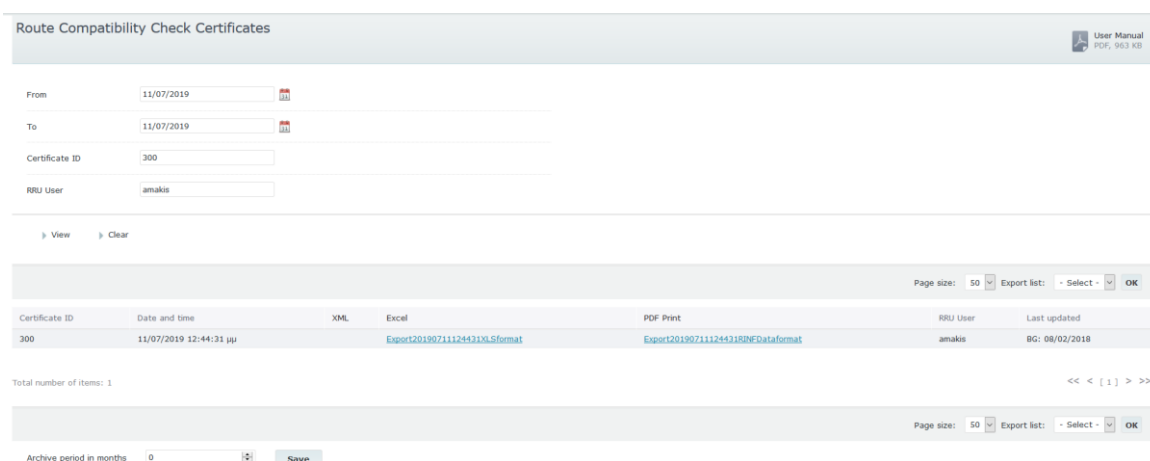
Archive period in months: 0 Save

Figure 82: RCC Certificates page

2.6.4.1 Search for RCC Certificate

The User can search an RCC Certificate by clicking on “View” button after specifying at least one of the search criteria. The system displays the Certificates that match the provided search criteria (see Figure 83).

Furthermore, the system displays the option for choosing the number of results to be shown per page; the export features are displayed together with the list of the search results (see Figure 83).



Route Compatibility Check Certificates

From: To: Certificate ID: RRU User:

> View > Clear

Page size: 50 Export list: - Select - OK

Certificate ID	Date and time	XML	Excel	PDF Print	RRU User	Last updated
300	11/07/2019 12:44:31 µs	Export20190711124431XMLDataFormat	Export20190711124431XLSFormat	Export20190711124431PDFDataFormat	amakis	BG: 08/02/2018

Total number of items: 1

Page size: 50 Export list: - Select - OK

Archive period in months: 0 Save

Figure 83: Search

If the User clicks on the “Clear” button, the search criteria is cleared by the system. Moreover, all the RCC Certificates are displayed in the list (see Figure 84).

From: 
 To: 
 Certificate ID:
 RRU User:

[View](#)
[Clear](#)

Page size: 50 Export list: - Select - OK

Certificate ID	Date and time	XML	Excel	PDF Print	RRU User	Last updated
300	11/07/2019 12:44:31 µu	Export20190711124431NFCDataFormat	Export20190711124431XLSFormat	Export20190711124431PDFDataFormat	amakis	BG: 08/02/2018
299	11/07/2019 12:44:24 µu	Export20190711124424NFCDataFormat	Export20190711124424XLSFormat	Export20190711124424PDFDataFormat	amakis	BG: 08/02/2018
298	11/07/2019 12:40:18 µu	Export20190711124018NFCDataFormat	Export20190711124018XLSFormat	Export20190711124018PDFDataFormat	amakis	IT: 19/3/2019
297	11/07/2019 12:40:10 µu	Export20190711124010NFCDataFormat	Export20190711124010XLSFormat	Export20190711124010PDFDataFormat	amakis	IT: 19/3/2019
296	11/07/2019 12:35:58 µu	Export20190711123558NFCDataFormat	Export20190711123558XLSFormat	Export20190711123558PDFDataFormat	amakis	EL: 8/10/2018
295	11/07/2019 12:35:50 µu	Export20190711123550NFCDataFormat	Export20190711123550XLSFormat	Export20190711123550PDFDataFormat	amakis	EL: 8/10/2018
294	11/07/2019 12:35:05 µu	Export20190711123505NFCDataFormat	Export20190711123505XLSFormat	Export20190711123505PDFDataFormat	amakis	FR: 23/9/2018
293	10/07/2019 9:29:10 µu	Export20190710092910NFCDataFormat	Export20190710092910XLSFormat	Export20190710092910PDFDataFormat	amakis	IT: 19/3/2019
292	08/07/2019 9:22:30 µu	Export20190708092230NFCDataFormat	Export20190708092230XLSFormat	Export20190708092230PDFDataFormat	amakis	PL: 16/3/2017
291	08/07/2019 9:17:20 µu	Export20190708091720NFCDataFormat	Export20190708091720XLSFormat	Export20190708091720PDFDataFormat	amakis	IT: 19/3/2019
290	08/07/2019 9:15:04 µu	Export20190708091504NFCDataFormat	Export20190708091504XLSFormat	Export20190708091504PDFDataFormat	amakis	PL: 16/3/2017
289	08/07/2019 12:48:00 µu	Export20190708124800NFCDataFormat	Export20190708124800XLSFormat	Export20190708124800PDFDataFormat	amakis	IT: 19/3/2019

Total number of items: 12

<< < [1] > >>


Page size: 50 Export list: - Select - OK

Archive period in months: Save

Figure 84: Clear

2.6.4.2 Sort the search results

The user can sort the search results by clicking on the headers of the list. The system displays the search results in ascending order (see Figure 85).

From: 
 To: 
 Certificate ID:
 RRU User:

[View](#)
[Clear](#)

Page size: 50 Export list: - Select - OK

Certificate ID	Date and time	XML	Excel	PDF Print	RRU User	Last updated
287	01/07/2019 5:23:29 µu	Export20190701052329NFCDataFormat	Export20190701052329XLSFormat	Export20190701052329PDFDataFormat	ERA3	FR: 23/9/2018
288	01/07/2019 5:29:14 µu	Export20190701052914NFCDataFormat	Export20190701052914XLSFormat	Export20190701052914PDFDataFormat	ERA3	FR: 23/9/2018
289	08/07/2019 12:48:00 µu	Export20190708124800NFCDataFormat	Export20190708124800XLSFormat	Export20190708124800PDFDataFormat	amakis	IT: 19/3/2019
290	08/07/2019 21:51:04 µu	Export20190708215104NFCDataFormat	Export20190708215104XLSFormat	Export20190708215104PDFDataFormat	amakis	PL: 16/3/2017
291	08/07/2019 9:17:20 µu	Export20190708091720NFCDataFormat	Export20190708091720XLSFormat	Export20190708091720PDFDataFormat	amakis	IT: 19/3/2019
292	08/07/2019 9:22:30 µu	Export20190708092230NFCDataFormat	Export20190708092230XLSFormat	Export20190708092230PDFDataFormat	amakis	PL: 16/3/2017
293	10/07/2019 9:29:10 µu	Export20190710092910NFCDataFormat	Export20190710092910XLSFormat	Export20190710092910PDFDataFormat	amakis	IT: 19/3/2019
294	11/07/2019 12:35:05 µu	Export20190711123505NFCDataFormat	Export20190711123505XLSFormat	Export20190711123505PDFDataFormat	amakis	FR: 23/9/2018
295	11/07/2019 12:35:50 µu	Export20190711123550NFCDataFormat	Export20190711123550XLSFormat	Export20190711123550PDFDataFormat	amakis	EL: 8/10/2018
296	11/07/2019 12:35:58 µu	Export20190711123558NFCDataFormat	Export20190711123558XLSFormat	Export20190711123558PDFDataFormat	amakis	EL: 8/10/2018
297	11/07/2019 12:40:10 µu	Export20190711124010NFCDataFormat	Export20190711124010XLSFormat	Export20190711124010PDFDataFormat	amakis	IT: 19/3/2019
298	11/07/2019 12:40:18 µu	Export20190711124018NFCDataFormat	Export20190711124018XLSFormat	Export20190711124018PDFDataFormat	amakis	IT: 19/3/2019
299	11/07/2019 12:44:24 µu	Export20190711124424NFCDataFormat	Export20190711124424XLSFormat	Export20190711124424PDFDataFormat	amakis	BG: 08/02/2018
300	11/07/2019 12:44:31 µu	Export20190711124431NFCDataFormat	Export20190711124431XLSFormat	Export20190711124431PDFDataFormat	amakis	BG: 08/02/2018

Total number of items: 14

<< < [1] > >>

Page size: 50 Export list: - Select - OK

Archive period in months: Save

Figure 85 : Sorting

2.6.4.3 Download an RCC Certificate

In order to download an RCC Certificate, the user clicks on the respective hyperlink in the corresponding columns. Then, the system prompts the User to open or save the RCC Certificate (see Figure 86).

Route Compatibility Check Certificates

From: 01/07/2019 To: 11/07/2019 Certificate ID: RRU User:

View Clear

PDF Print

Page size: 50 Export list: - Select - OK

Archive period in months: 0 Save

Total number of items: 14

Archive in months saved

From: 01/07/2019 To: 08/07/2019 Certificate ID: RRU User:

View Clear

PDF Print

Page size: 50 Export list: - Select - OK

Archive period in months: 6 Save

Total number of items: 6

Figure 86 : Download an RCC Certificate

2.6.4.4 Archive period

In order to archive the content of the table of RCC Certificates after a certain period of time, the User shall set an integer number in the "Archive period in months" field and then click on the "Save" button. The system will then display a message of confirmation at the top of the page (see Figure 87).

Route Compatibility Check Certificates

From: 01/07/2019 To: 08/07/2019 Certificate ID: RRU User:

View Clear

PDF Print

Page size: 50 Export list: - Select - OK

Archive period in months: 6 Save

Total number of items: 6

Archive in months saved

From: 01/07/2019 To: 08/07/2019 Certificate ID: RRU User:

View Clear

PDF Print

Page size: 50 Export list: - Select - OK

Archive period in months: 6 Save

Total number of items: 6

Figure 87 : Archive period

2.6.5 Contact us

The process required for submitting a comment, propose a change or notify an issue in the system is the same as described in section "2.3.4 Contact us" for Standard Users.

2.6.6 Getting notified for data updates by NREs

In the “View Profile” page, the user can manage to get notified by email in case of data update by country (NRE). From the displayed list/table, the RRU can select one or more countries by checking the respective checkbox (see Figure 6 or Figure 88).

View profile

User Manual PDF, 963 KB

Type of user

RRU User

User name

era3

First name

Last name

E-mail address

ERA3@intrasoft-intl.com

Organisation Name

OSE

Position

RRU User

Country

Greece

Subscription to notification for data updates by Member States (NRE)

Country name	Is subscribed
Austria	<input checked="" type="checkbox"/>
Belgium	<input type="checkbox"/>
Bulgaria	<input type="checkbox"/>
Croatia	<input checked="" type="checkbox"/>
Cyprus	<input type="checkbox"/>
Czech Republic	<input type="checkbox"/>
Denmark	<input type="checkbox"/>
Estonia	<input checked="" type="checkbox"/>
Finland	<input type="checkbox"/>
France	<input type="checkbox"/>
Germany	<input type="checkbox"/>
Greece	<input type="checkbox"/>
Hungary	<input type="checkbox"/>
Ireland	<input type="checkbox"/>
Italy	<input type="checkbox"/>
Latvia	<input type="checkbox"/>
Lithuania	<input type="checkbox"/>
Luxembourg	<input type="checkbox"/>
Malta	<input type="checkbox"/>
Norway	<input type="checkbox"/>
Poland	<input type="checkbox"/>
Portugal	<input type="checkbox"/>
Romania	<input type="checkbox"/>
Slovak Republic	<input type="checkbox"/>
Slovenia	<input type="checkbox"/>
Spain	<input type="checkbox"/>
Sweden	<input type="checkbox"/>
Switzerland	<input type="checkbox"/>
The Netherlands	<input type="checkbox"/>
United Kingdom	<input type="checkbox"/>

Update Subscriptions

Figure 88 : Subscription management

Upon clicking on “Update Subscriptions” button, the RINF system opens the pop-up window displayed in Figure 90:

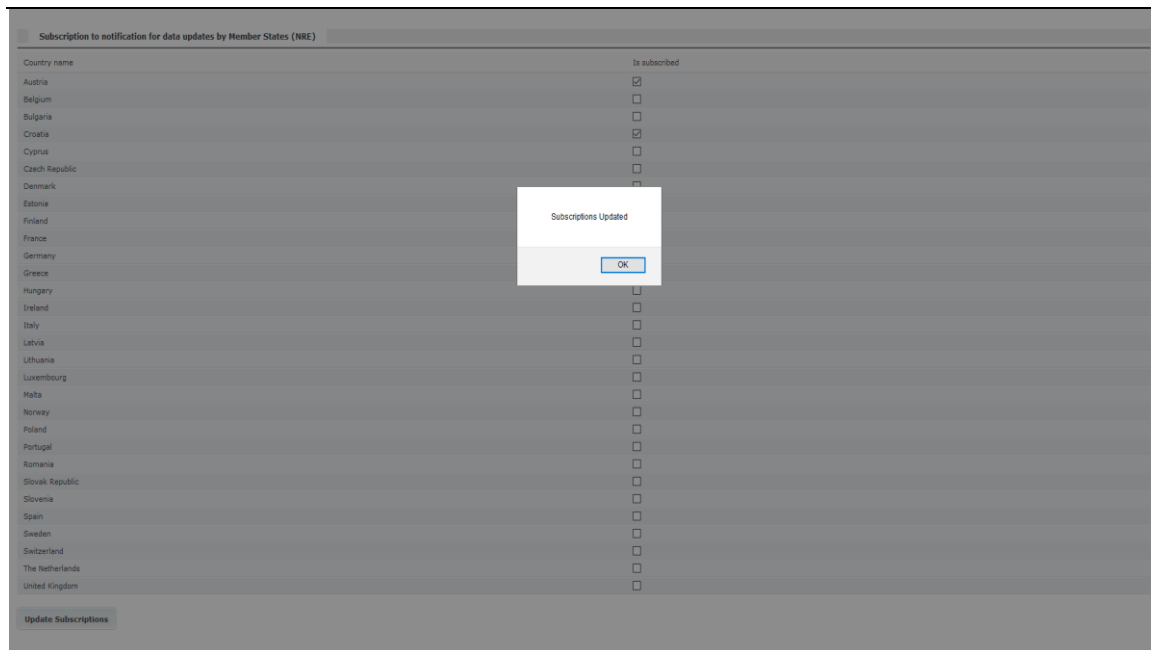


Figure 89 : Update notification

Upon clicking on "OK" button, the pop-up window closes.

3 Troubleshooting

Not applicable.

4 References

- Commission Decision 2014/880/EC (http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=uriserv:OJ.L_.2014.356.01.0489.01.ENG)