



NIR-Online v3 Key Changes

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Introduction

NIR-Online was originally developed by RSSB and Interfleet in 2005 and over the last decade there have been significant technology changes meaning the current version is life expired.

We are currently working on a major re-development of NIR-Online to take advantage of newer technologies and provide it with a complete user interface refresh.

There are no changes to the underlying processes for managing NIRs.

NIR-Online v3 will be an almost like for like replacement of the current version, with a number of improvements throughout. It will be more user-friendly, modern and intuitive.

Users will not require any additional training and will immediately recognise each feature.

Introduction

This will ensure that NIR-Online (v3) can continue to be upgraded and maintained for the foreseeable future.

NIR-Online v3 has been designed for the following web-browsers:

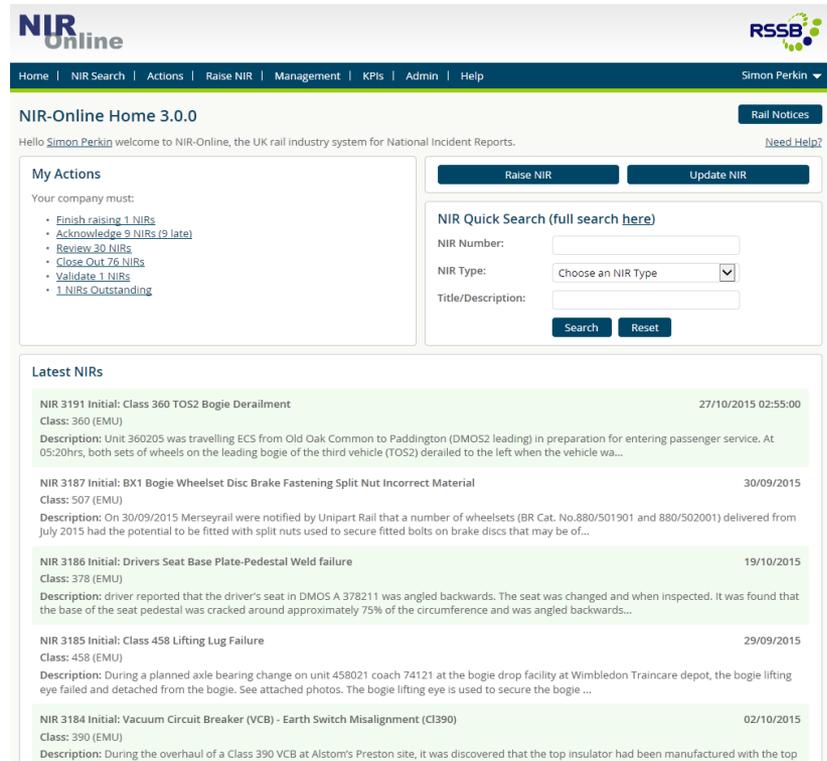
- Internet Explorer 9+
- Chrome
- Firefox

NIR-Online v3 will be released on Wednesday 3rd December 2015 between 07:00 and 08:00.

The following slides provide you with insight into the key, small changes relating to NIR-Online v3. Further information will be provided soon.

General style and appearance

- On most pages the content is presented consistently with v2 that will be immediately familiar to users.
- A modern, clean and intuitive style and appearance has been designed, inspired by the RSSB corporate style.
- Lists of NIRs are consistently presented throughout with content more clearly visible.

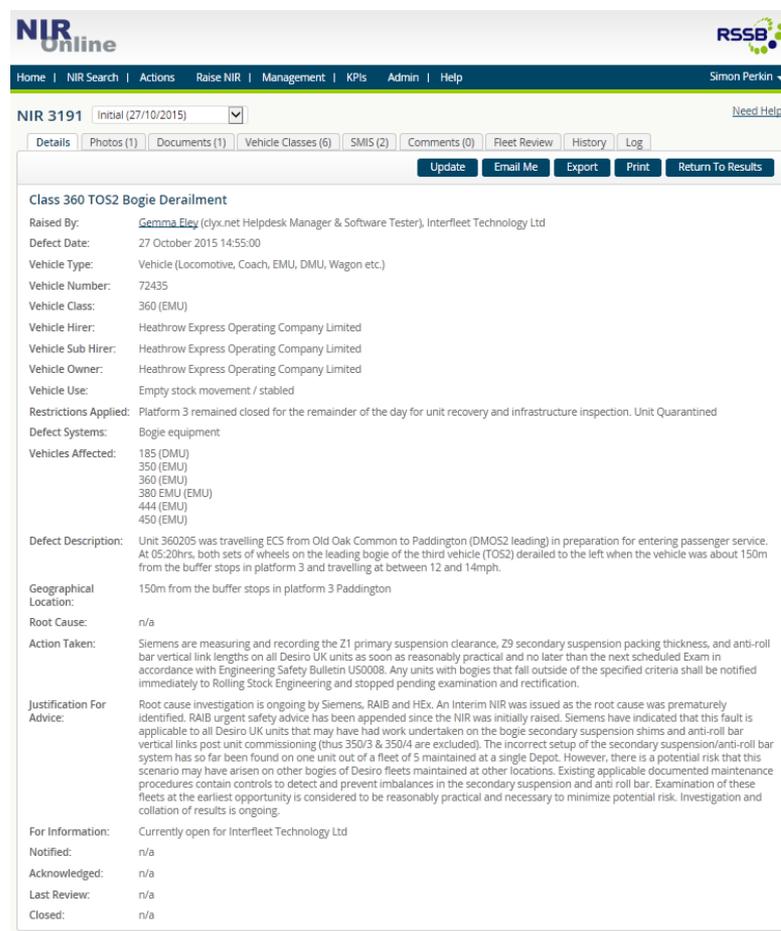


The screenshot shows the 'NIR-Online Home 3.0.0' interface. At the top, there is a navigation bar with links for Home, NIR Search, Actions, Raise NIR, Management, KPIs, Admin, and Help. The user 'Simon Perkin' is logged in. Below the navigation bar, there is a 'Rail Notices' button. The main content area is divided into several sections:

- My Actions:** A section titled 'Your company must:' with a list of tasks: Finish raising 1 NIRs, Acknowledge 9 NIRs (9 late), Review 30 NIRs, Close Out 76 NIRs, Validate 1 NIRs, and 1 NIRs Outstanding.
- NIR Quick Search (full search here):** A search form with fields for NIR Number, NIR Type (a dropdown menu), and Title/Description. There are 'Search' and 'Reset' buttons.
- Latest NIRs:** A list of recent National Incident Reports (NIRs) with details such as Initial, Class, and Description. The list includes:
 - NIR 3191: Class 360 TOS2 Bogie Derailment (27/10/2015 02:55:00). Description: Unit 360205 was travelling ECS from Old Oak Common to Paddington (DMOS2 leading) in preparation for entering passenger service. At 05:20hrs, both sets of wheels on the leading bogie of the third vehicle (TOS2) derailed to the left when the vehicle wa...
 - NIR 3187: BX1 Bogie Wheelset Disc Brake Fastening Split Nut Incorrect Material (30/09/2015). Description: On 30/09/2015 Merseyrail were notified by Unipart Rail that a number of wheelsets (BR Cat. No.880/501901 and 880/502001) delivered from July 2015 had the potential to be fitted with split nuts used to secure fitted bolts on brake discs that may be of...
 - NIR 3186: Drivers Seat Base Plate-Pedestal Weld failure (19/10/2015). Description: driver reported that the driver's seat in DMOS A 378211 was angled backwards. The seat was changed and when inspected, it was found that the base of the seat pedestal was cracked around approximately 75% of the circumference and was angled backwards...
 - NIR 3185: Initial: Class 458 Lifting Lug Failure (29/09/2015). Description: During a planned axle bearing change on unit 458021 coach 74121 at the bogie drop facility at Wimbledon Traincare depot, the bogie lifting eye failed and detached from the bogie. See attached photos. The bogie lifting eye is used to secure the bogie ...
 - NIR 3184: Initial: Vacuum Circuit Breaker (VCB) - Earth Switch Misalignment (CI390) (02/10/2015). Description: During the overhaul of a Class 390 VCB at Alstom's Preston site, it was discovered that the top insulator had been manufactured with the top

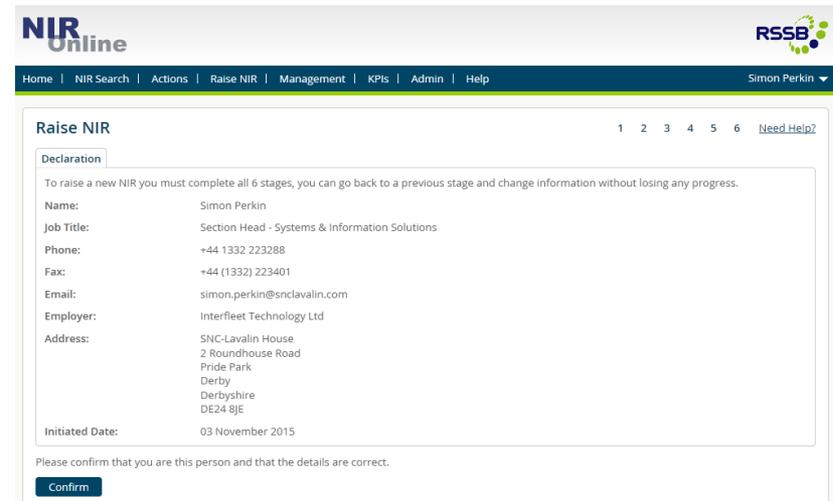
Viewing an NIR

- The main visual change is to the layout of an NIR, which is now split using horizontal header tabs.
- Where the NIR has different issues (e.g. initial, interim, concluding), switch between them using the drop list next to the NIR number.
- Cleaner content layout.
- The PDF copy of historical fax NIRs (pre-NIR-Online) are now filed under the 'Documents' tab.



Raise NIR – confirming your identity

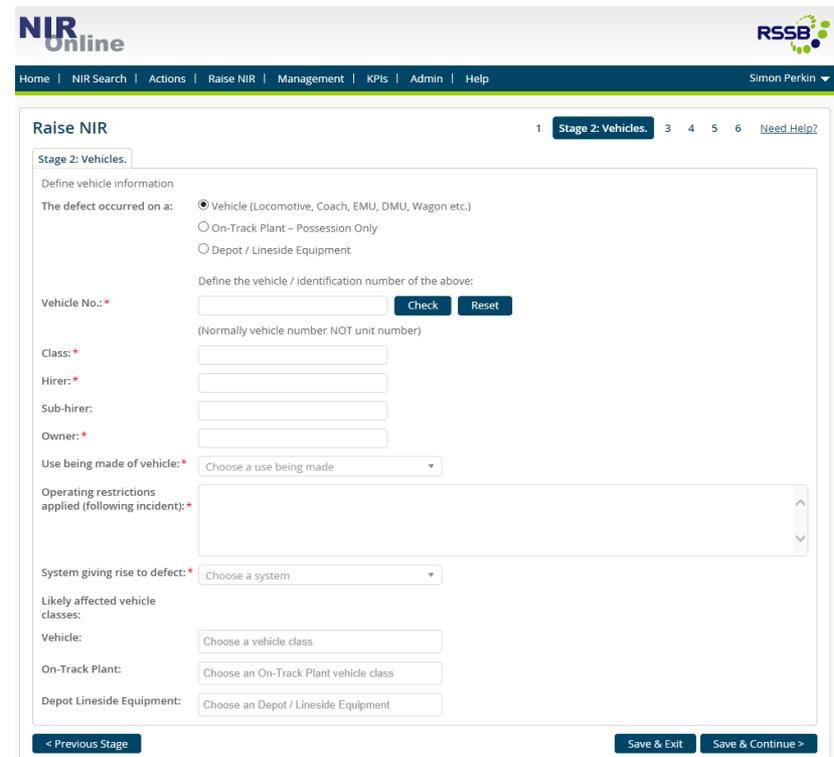
- When raising an NIR, the declaration of your identity has been separated from the actual wizard steps for clarity.



The screenshot shows the 'Raise NIR' page in the NIR Online system. The page header includes the 'NIR Online' logo and the RSSB logo. A navigation bar contains links for Home, NIR Search, Actions, Raise NIR, Management, KPIs, Admin, and Help. The user's name, Simon Perkin, is displayed in the top right corner. The main content area is titled 'Raise NIR' and features a progress indicator with steps 1 through 6, where step 6 is currently active. Below the progress indicator is a 'Declaration' section with the following text: 'To raise a new NIR you must complete all 6 stages, you can go back to a previous stage and change information without losing any progress.' The declaration form contains the following fields and values: Name: Simon Perkin; Job Title: Section Head - Systems & Information Solutions; Phone: +44 1332 223288; Fax: +44 (1332) 223401; Email: simon.perkin@snclavalin.com; Employer: Interfleet Technology Ltd; Address: SNC-Lavalin House, 2 Roundhouse Road, Pride Park, Derby, Derbyshire, DE24 8JE; Initiated Date: 03 November 2015. At the bottom of the form, there is a confirmation message: 'Please confirm that you are this person and that the details are correct.' and a 'Confirm' button.

Raise NIR – example wizard stage

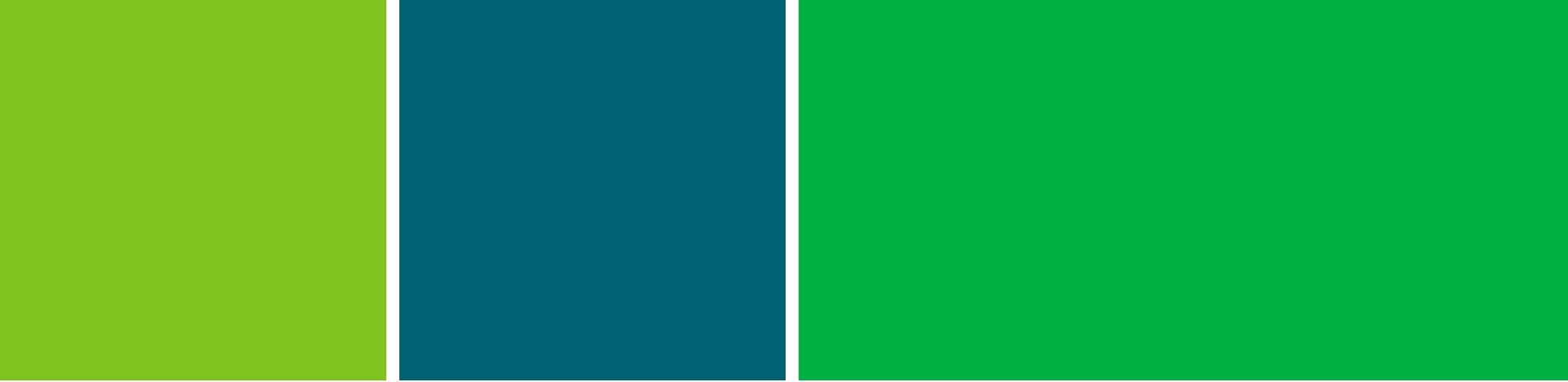
- The raise NIR wizard steps are deliberately very closely aligned to the existing version (v2).
- Clear identification of current wizard stage (top right).
- All context help is available via the ‘Need Help?’ link (top right).
- No process or information input changes.
- Reminder: if you need to stop raising an NIR and carry on later, simply click **‘Save & Exit’**.



The screenshot shows the 'Raise NIR' wizard in the 'NIR Online' system. The page title is 'Raise NIR' and the current stage is 'Stage 2: Vehicles'. The breadcrumb trail shows steps 1 through 6, with 'Stage 2: Vehicles' being the active step. A 'Need Help?' link is visible in the top right corner. The main form area is titled 'Define vehicle information' and contains the following fields and options:

- The defect occurred on a:** Radio buttons for 'Vehicle (Locomotive, Coach, EMU, DMU, Wagon etc.)', 'On-Track Plant - Possession Only', and 'Depot / Lineside Equipment'. The 'Vehicle' option is selected.
- Define the vehicle / identification number of the above:** A text input field for 'Vehicle No.: *' with 'Check' and 'Reset' buttons. A note below states '(Normally vehicle number NOT unit number)'.
- Class: ***, **Hirer: ***, **Sub-hirer:**, and **Owner: ***: Text input fields.
- Use being made of vehicle: ***: A dropdown menu with 'Choose a use being made' selected.
- Operating restrictions applied (following incident): ***: A large text area.
- System giving rise to defect: ***: A dropdown menu with 'Choose a system' selected.
- Likely affected vehicle classes:**
 - Vehicle:** 'Choose a vehicle class'
 - On-Track Plant:** 'Choose an On-Track Plant vehicle class'
 - Depot Lineside Equipment:** 'Choose an Depot / Lineside Equipment'

At the bottom of the form, there are three buttons: '< Previous Stage', 'Save & Exit', and 'Save & Continue >'.



Thank you

