

Web-ex preparation for learning event following ironmen runaway

Incident: 1st November 2014

Agenda

Agenda

Why are we holding learning events?

Overview of the session

Introduction to the ironmen runaway

Animated reconstruction

Safety conversations

Your commitments

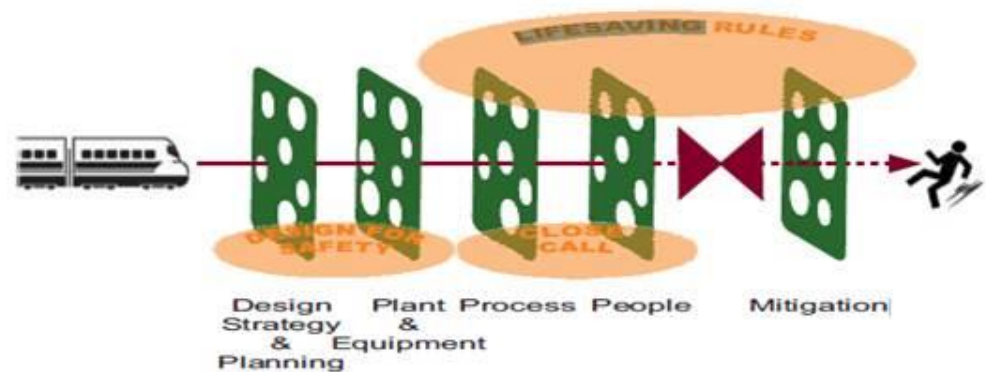
Planning your local learning event

FAQs

Why are we holding learning events?



everyone
home safe
every day

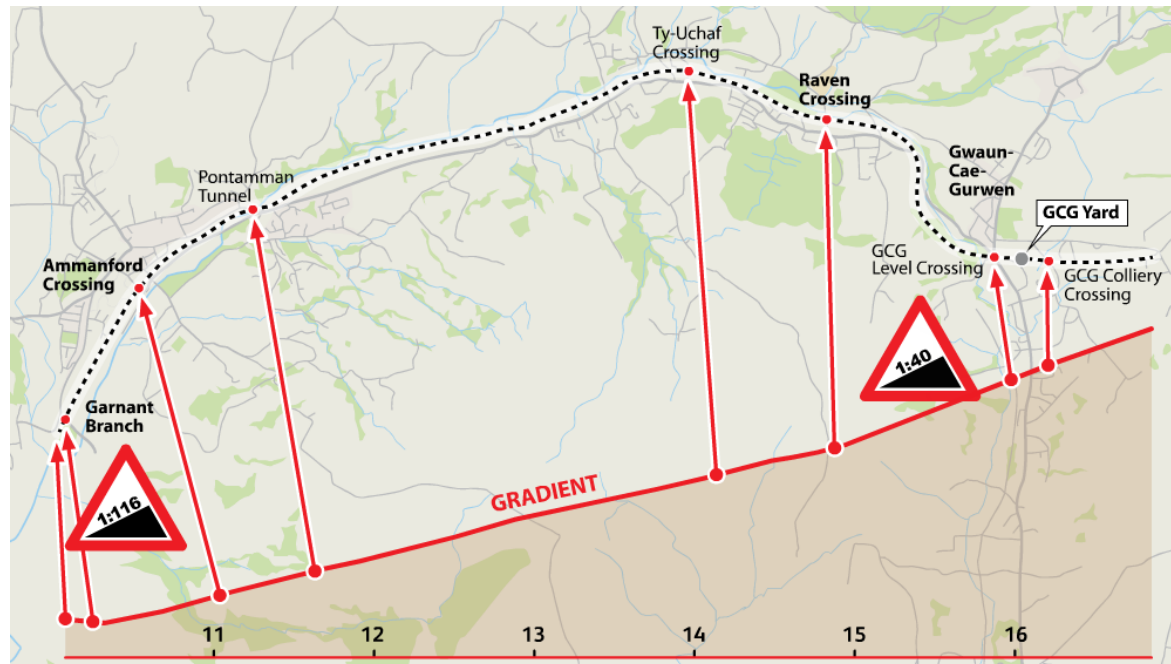


Overview of the session

5 minutes	Introduction to the ironmen runaway	Overview of the incident Recognising the impact decisions can have
15 minutes	Animated reconstruction	Overview of the events of the day A look back at some key stages where mistakes were made
20 minutes	Safety conversations	Supported discussions How could this incident have been prevented? How can upholding the Safety vision commitments prevent incidents occurring
5 minutes	Your commitments	What will you do differently?

Introduction to the ironmen runaway

On 1st November 2014, during night works, a pair of ironmen carrying a length of rail ran away on a section of track with a downhill gradient in Gwaun-Cae-Gurwen (GCG), Wales. The ironmen passed over several level crossings; including one where work was taking place, before being brought to a stop. Fortunately no-one was injured.



How to use the animated reconstruction

Ironmen Runaway

Network Rail

Menu

Use the menu on the right to navigate through the presentation. You can return to the menu at any time during the presentation by selecting the 'Menu' button below.

Whilst navigating through the presentation the 'Next' button will flash to indicate that the next section may be selected.

▶ *Introduction*

▶ *Reconstruction*

▶ *Exploring the barriers*

- ▶ Planning
- ▶ Starting the job (the COSS brief)
- ▶ Conditions worsen
- ▶ The brakes fail

▶ *Our personal commitments*

☰ Menu

◀ Back

Next ▶

🔊 Sound

⏸ Pause

Animated reconstruction



Ironmen Runaway - Gwaun-Cae-Gurwen
Loss of Control
1st November 2014

Please select the 'Menu' button below to continue

☰ Menu ← Back Next → 🔊 Sound ⏸ Pause

Exploring the barriers

Ironmen Runaway

Exploring the barriers

Planning

Level 1
Level 2
Level 3
Level 4

PICOP
COSS
RAIL Users
Weather info

GCG BRIEFING

3rd Line services

Crossings

Menu Back Next Sound Pause

Key points:

- Communication of number of team members needed to operate ironmen
- Procurement
- Knowledge of equipment
- Learning from previous work using similar equipment in a similar environment
- Local issues eg. Cattle grid

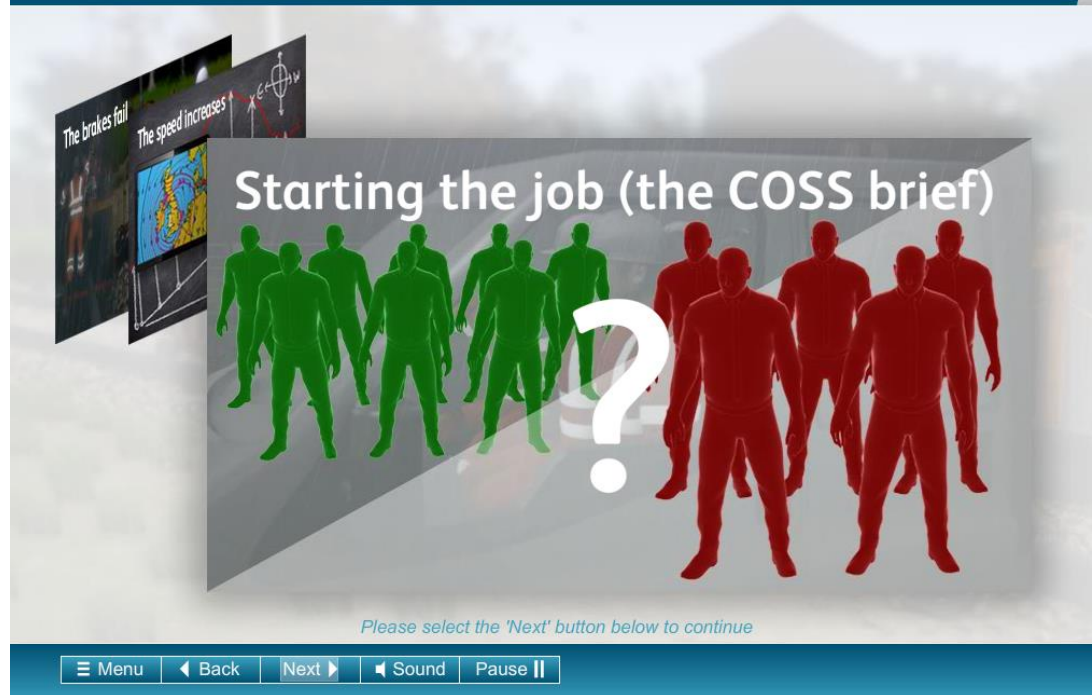
How do we make decisions regarding the equipment planned to be used for a job?
Was the plan clear between the planning and delivery teams?

Exploring the barriers

Ironmen Runaway



Exploring the barriers



Key points:

- Communication and discussion of issues – everyone responsible to challenge
- Degradation of decision making
- Number of team members
- Risk awareness
- Knowledge of equipment
- Questioning what we usually do – is it still the best way?

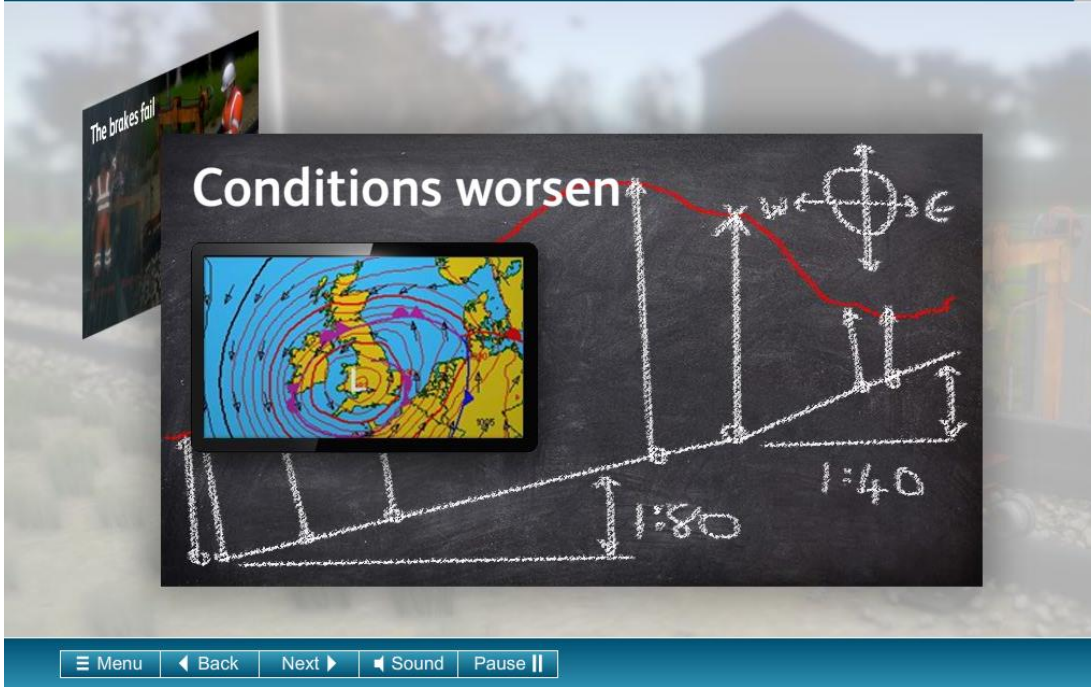
What differences would it make to you if your team works regularly together or if this is the first time as a team, would it impact your willingness to challenge?
How clear and consistent is the guidance in equipment and plant manuals?

Exploring the barriers

Ironmen Runaway



Exploring the barriers



The screenshot shows a video player interface. The main content is a chalkboard with the text "Conditions worsen" and a diagram. The diagram features a red line, a vertical line, and a horizontal line. There is a circle with a cross inside, and the text "1:40" and "1:80". A weather map is shown on a tablet in the foreground. The video player has a control bar at the bottom with buttons for Menu, Back, Next, Sound, and Pause.

Key points:

- Decisions in an emergency
- Impact of the conditions
- Communication – should the job continue? What stage do you stop? (Think about people travelling home in snow)

The team reacted how they did because it became an emergency – how would they have reacted differently if it hadn't have been an emergency?

What was the impact of local conditions that night? (Gradient, weather, darkness)

Exploring the barriers

Ironmen Runaway



Exploring the barriers



Key points:

- Procurement
- Parking brakes not stopping brakes
- Communication
- Monitoring the effectiveness of our contracts
- Risk assessment – choice of equipment and conditions
- Is this equipment still fit for purpose today?
- What rules do people work around, why? If they do this then they may need to be changed eg. Holding the brake off

What caused the brakes to fail – before and during the incident?
How would you ensure that equipment such as this was safe to use?

Your Commitments

What will you do differently as a result of this learning event?

Commitments are to be recorded on post-its or using the template provided and shared with the centre by sending to safetycommunications@networkrail.co.uk

You should then keep and take away your commitment to remind you of your pledge

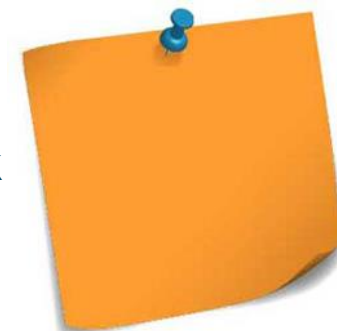
Commitments will be used to evaluate the learnings taken away from the safety conversations in light of the ironmen runaway. The evaluations will then be communicated back to the business.

Share your commitment with the person next to you and remind each other in 1-2 months time (a reminder will come out centrally)

Ironmen runaway Learning Event – Key outcomes

Date of Learning event:
Location of Learning event:
Business Function/Team:
Number of attendees:

<p>Key areas of discussion <i>(Which barriers do people focus on? Is the Safety Vision a key focus? Is there one factor that people feel has more impact than others?)</i></p>
--



Following the learning event?
late and detail below, ask attendees to write or the Safety Comms team to collate or (if no commitments are provided)

Planning your local learning event

- ❑ Learning event pack available for download from <https://www.safety.networkrail.co.uk/Alerts-and-Campaign/Ironman-learning-event>
- ❑ This pack includes
 - ❑ Ironman animation
 - ❑ Facilitators guide
 - ❑ Event delivery presentation
 - ❑ Safety Vision poster
 - ❑ Template to record key outcomes
- ❑ Big Picture Facilitators – a pool of facilitators have been identified to support with the delivery of learning events if needed. Please contact safetycommunications@networkrail.co.uk to be put in touch with your local facilitator

Facilitating a group

- As a facilitator for the learning event it is your job to help people move through the materials, and achieve the desired outcomes. The facilitator should remain impartial and not provide their own opinions or lead conversations a certain way.

- The facilitator will ensure actions are completed and that these are provided to the centre.

- To facilitate effectively, you need to;
 - Understand the desired outcomes
 - Familiarise yourself with the materials
 - Involve everyone in the session
 - Record actions/commitments

Additional support available should you have any concerns

- **Safety Communications/Safety Culture team**
safetycommunications@networkrail.co.uk
- **Close Call reporting** – to report any safety issues
Phone: 01908 723500 or use the Close Call app
- **Speak Out** – to feel confident to report any concerns or safety issues
Freephone: 0808 143 0100 or visit
<https://www.intouchfeedback.com/index.asp?Lid=89&Cid=4040>

FAQs



If any questions are asked that you cannot answer on the day - record the question and a contact email address and forward to safetycommunications@networkrail.co.uk, we can ensure this is answered post event. The question and answer can then be added to the FAQs

Thank you for your time