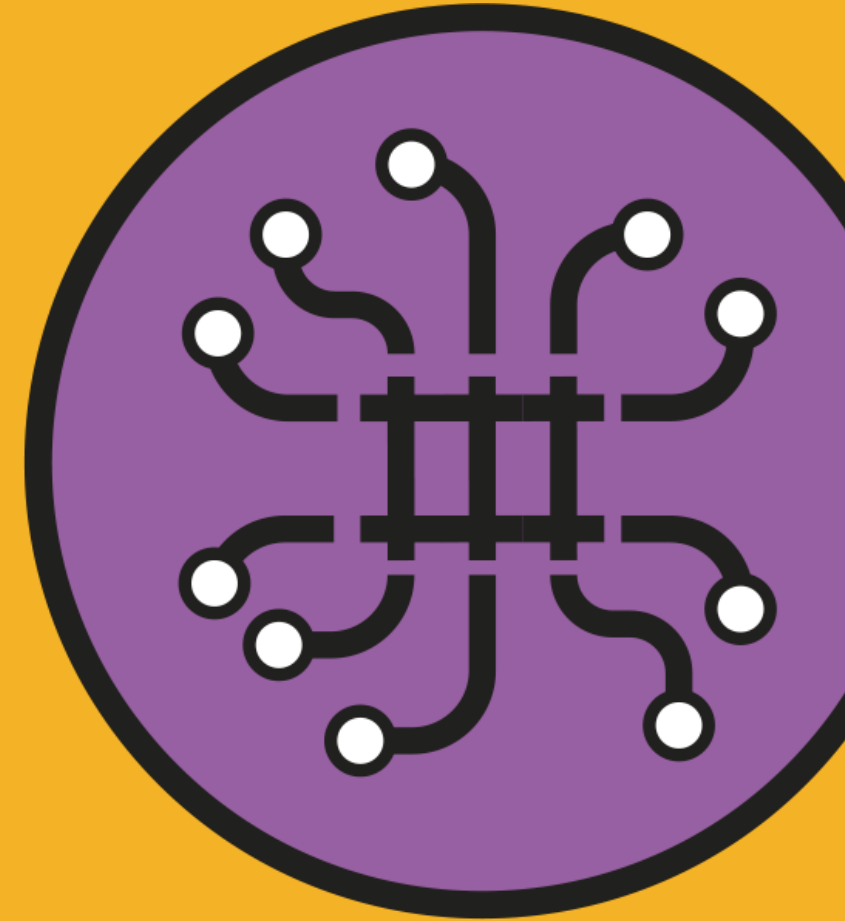


Track Maintenance Engineering Training Programme



Putting passengers first



From the horses mouth



What I gained from the TME Course

Sarah Boffey

1. Take 5



1. Take 5

2. Fill the Gaps



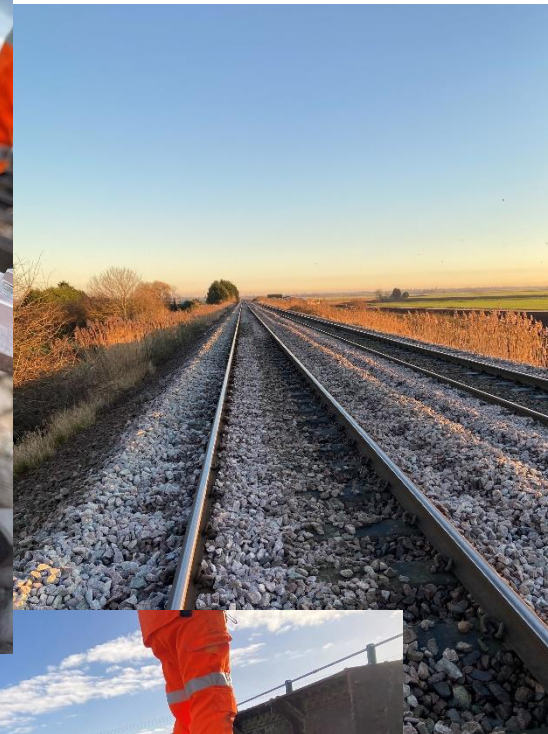
1. Take 5
2. Fill the Gaps
3. Development



1. Take 5
2. Fill the Gaps
3. Development
4. Networking



1. Take 5
2. Fill the Gaps
3. Development
4. Networking
5. Back to Action





Stepping Up

TME Training Reflection



Initial thoughts....

TRK/001 and friends;

- TME Shall.....
- Managed through the PDR, PGSI, and Self-Assurance processes

The Role of the Track Maintenance Engineer

Tactical annual business plan:

- Key volumes and realistic targets
- Resource allocation
- Accountability

Controlled and delivered by:

- TME Inspection and Maintenance Manual
- TME Risk Register

A decorative vertical graphic on the left side of the slide, consisting of a series of horizontal blue bars of varying lengths, creating a stylized representation of a railway track.

Track Inspection Regime

- Track recording plan
- Ensure compliance with Mod 02 timescales or authorised RBM regime
- TEF3016, 3018 inspections
- Plan to prevent, rectify, or register repeat faults
- TEF3268 Cyclic Top Repair
- Ensure competence profiles are compliant

Track Maintenance Delivery

- Is maintenance required?
- Are scoping visits undertaken and issues or derogations resolved before work starts
- Are correct plant, tools, and equipment being planned and used
- Are mandated processes and procedures followed
- Are timescales adhered to
- Is quality of work checked?
- Is access optimised?
- What can we do at the same time or with other disciplines?

Seasonal Preparedness

- Cold Weather
 - Hot Weather
 - Extreme Weather
-
- Be aware of the risk sites and record them correctly
 - Have a mitigation, response, and repair plan for the risk sites
 - Ensure TEF3207, 3208, 3209 are used and retained
 - Prioritise work based on risk and resources

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Rail re-profiling strategy

Work with the RME to achieve a balance between asset life and reliability

- Cyclical grinding plan
- Ensure Pre-76 rail is not part of the grinding plan
- Explore cost v benefit of the milling train

Defect management

- Defects recorded correctly and accurately
- Defect removal planned efficiently and economically

Friction Management

Work with the RME to achieve a balance between asset life and reliability

- Where are the problem sites e.g. tight curves, wheel squeal, rolling contact fatigue
- What is the current lubrication regime? Gauge face / friction modifier / traction gel
- Is it optimised?
- TEF3219 to assess and apply for friction management equipment

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Application

- Know the difference between best practice and what is actually achievable

Long Term Strategy

- Reliability
- Key junctions
- Alliance working

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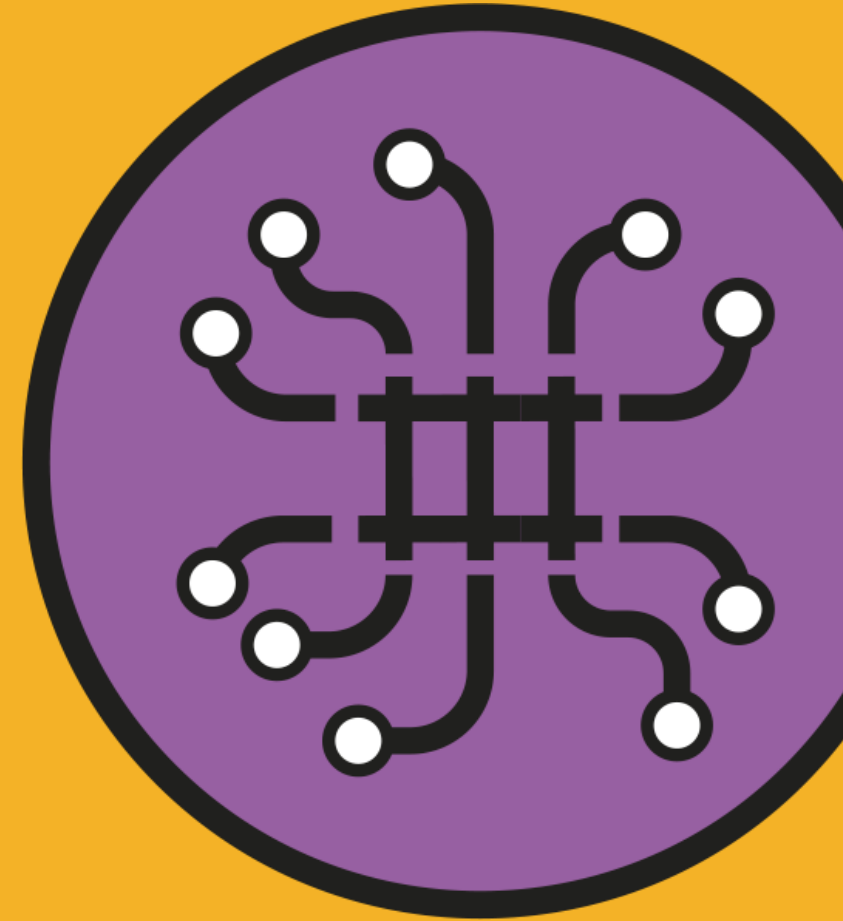
Trackworker Safety

- ORR improvement notice
- Cost benefit analysis
- The right thing to do

TME: Expectation vs Reality

- Accountable - 'TME Shall....'
 - Standards
 - Standardised Tasks
 - TWIs
 - Audit Protocols
 - Legal Requirements
 - SINS
 - Risk Registers
 - Management Plans
 - Finance Manager
 - HR Manager
 - Training Manager
 - Competence Manager
 - Performance Analyst
 - Safety Advisor
 - First Responder
 - Off Track Manager
 - RT&L Manager
 - Welding Manager
 - *Engineer*
- *No right answer.....*
 - *Important to have a good team.....*

Track Maintenance Engineering Training Programme



Putting passengers first

Programme Offering	Current Cohort
Track Maintenance Engineer	Cohort 13
Section Manager Track	Cohort 8
Rail Management Engineer	Cohort 1
Technical Officer	Cohort 1 (Summer 2022)



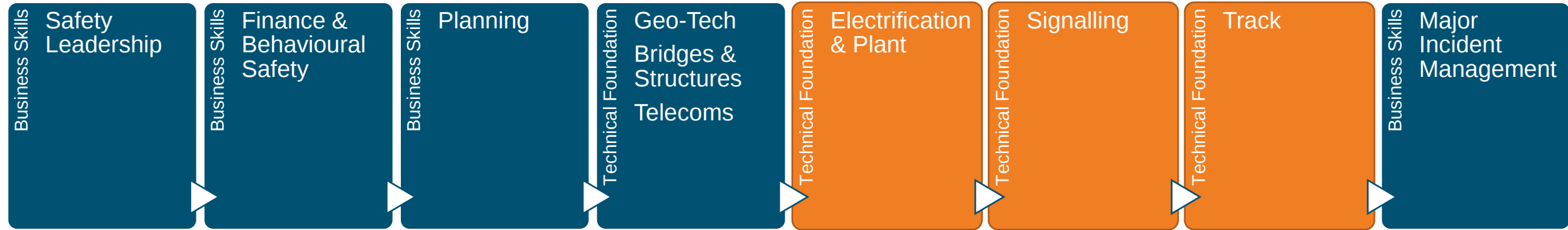
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IME & IMDM Training Programme



Putting passengers first

IME/IMDM Programme Structure



Track Module Content

Derailment Risks

Inspection processes

Scoping and remedial work

Risk Based Maintenance

The business case for preventative maintenance

Risk Registers

IME accountabilities

Enabling the TME & SM[T] to deliver

Want more information? How to book? Costs?



Ask Route Training Support Manager

If you need further information contact:



rbctraining@networkrail.co.uk

