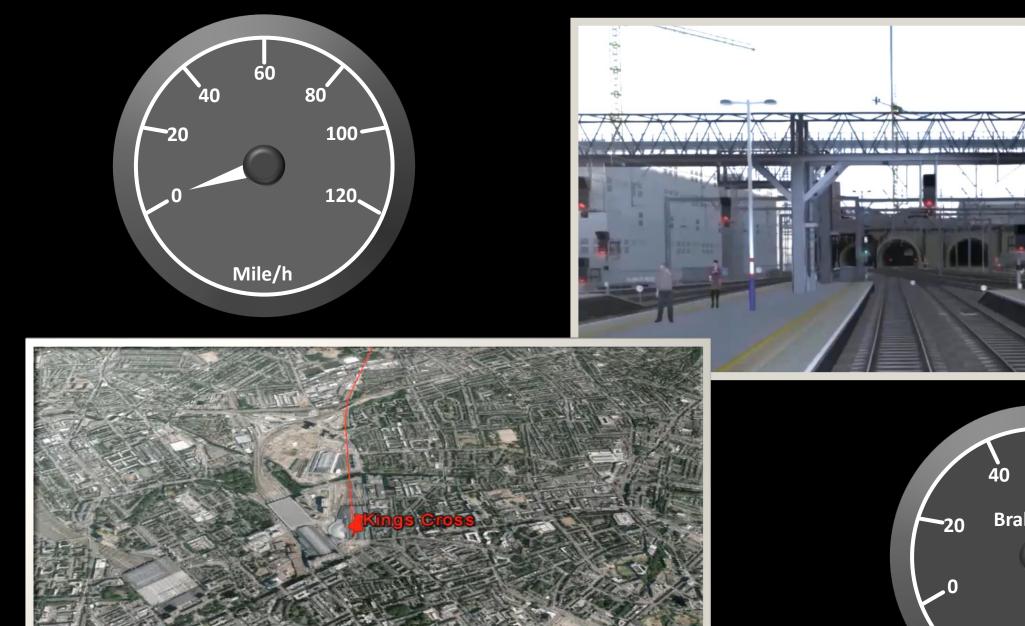


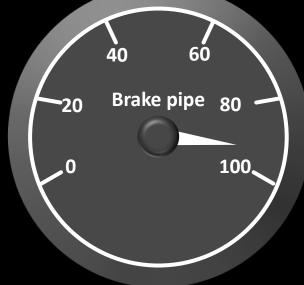
### Greg Morse LHSBR Editor and Operational Feedback Lead -Health and Safety Management



Travelling by rail hasn't been easy recently – for any of us. But now all Britain's rail companies are pulling together – doing whatever it takes to return you to a national rail network you can depend on.

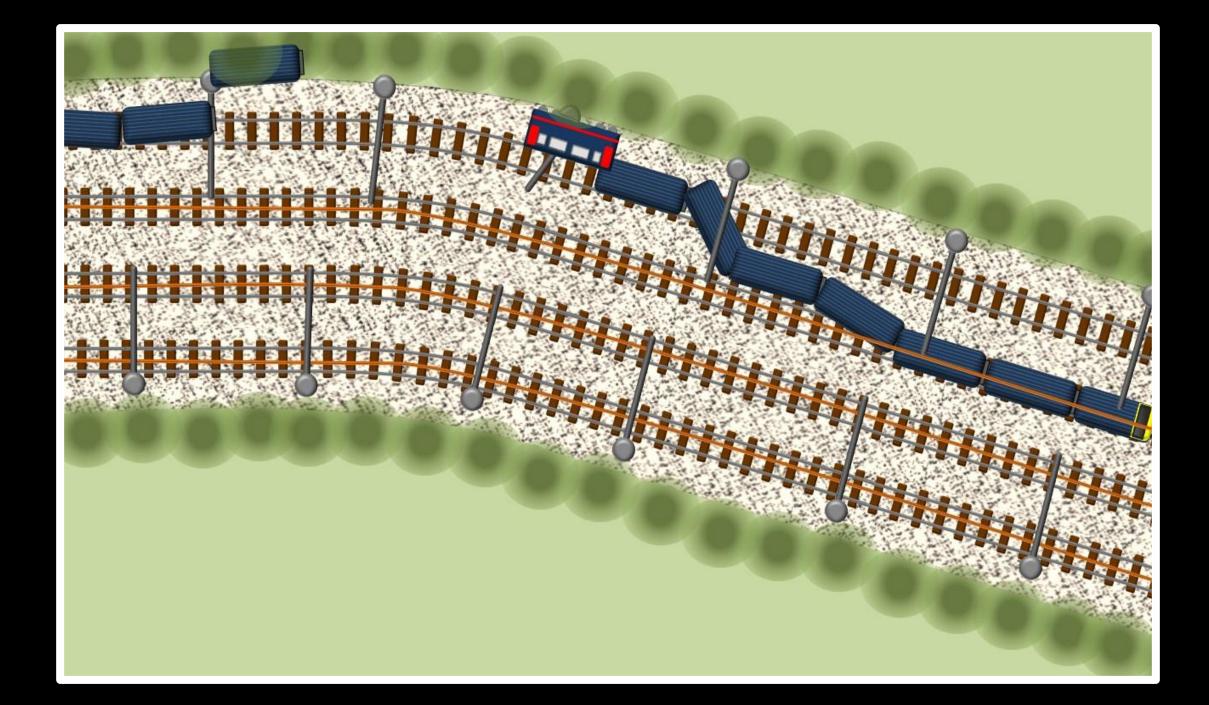
#### Wednesday 17<sup>th</sup> October 2001





-

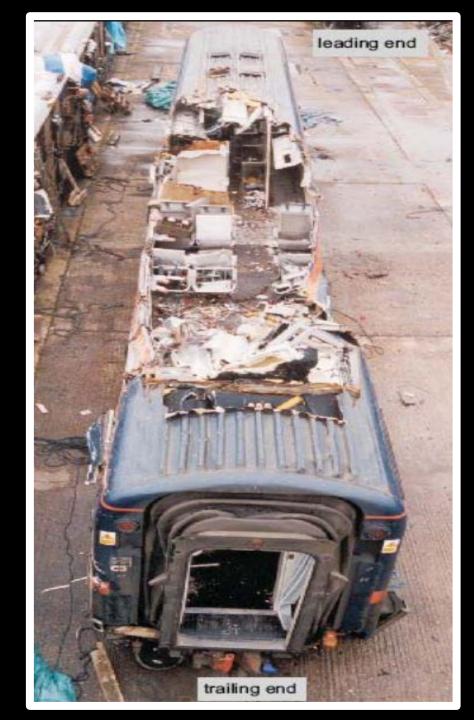
# Four fatalities 70 injured Four seriously injured, including two members of staff







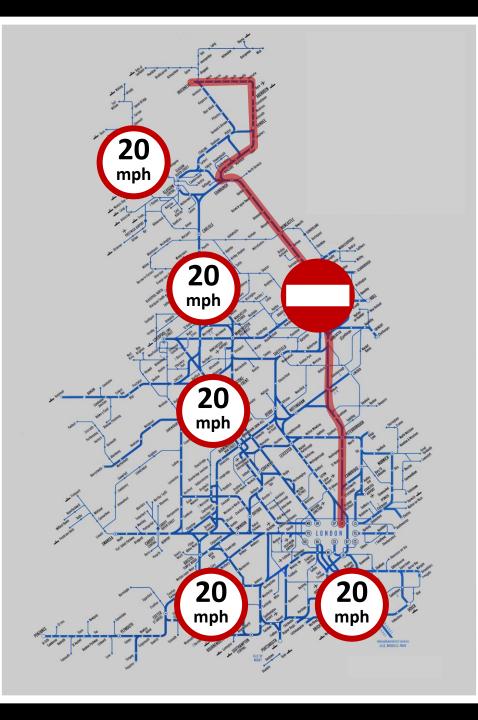


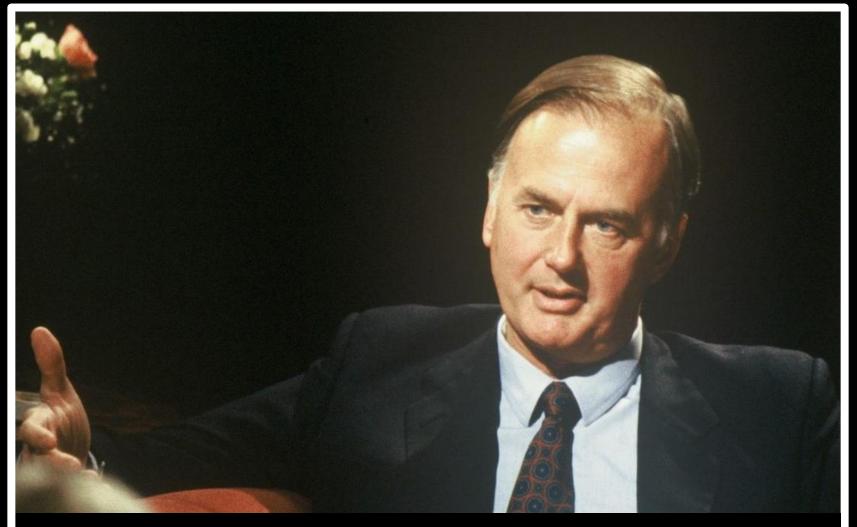








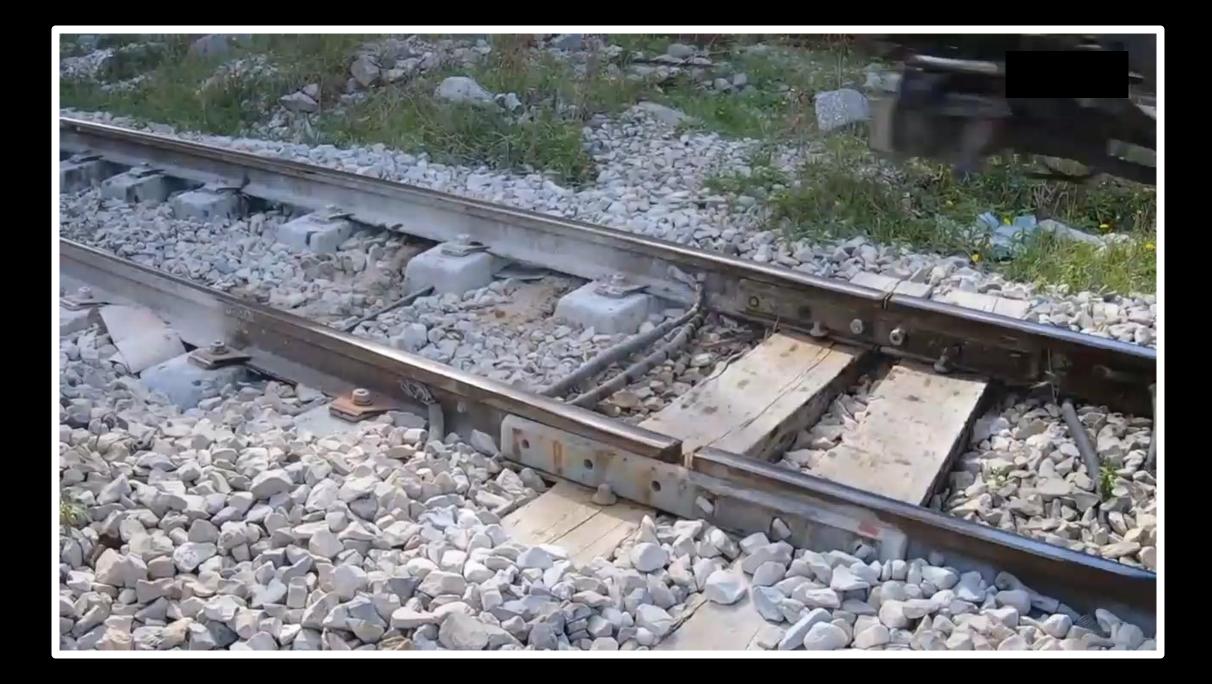


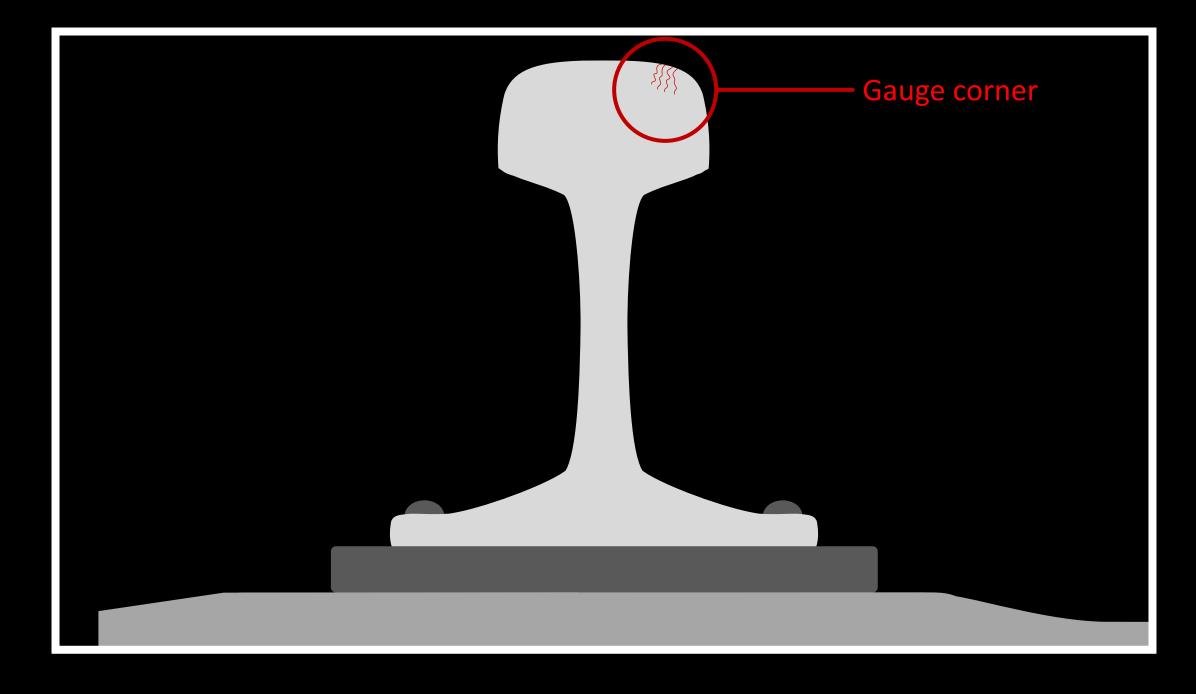


#### **Alastair Morton**

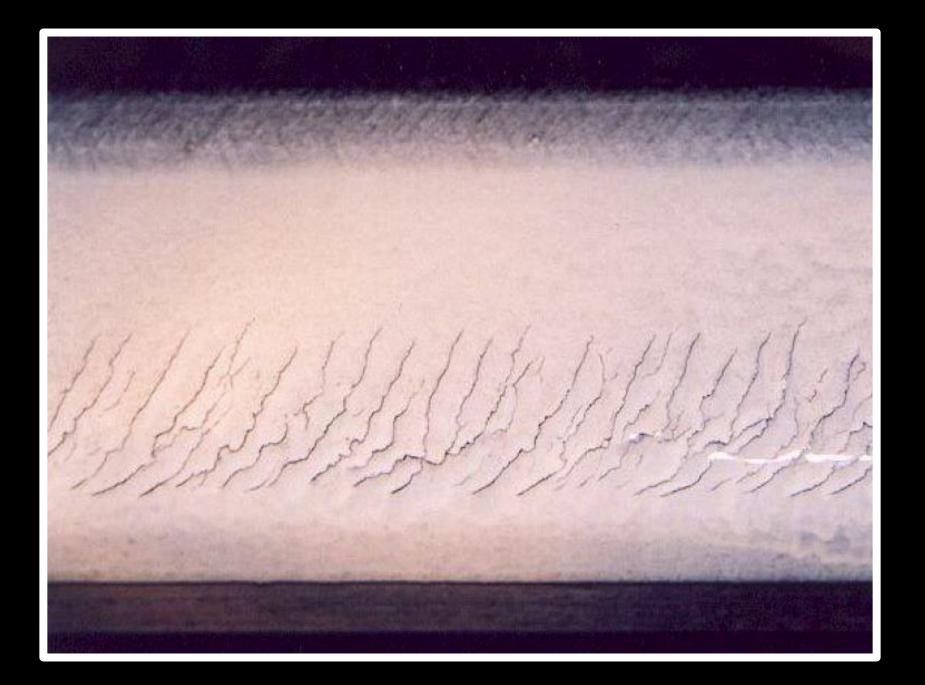
**Chairman of the Strategic Rail Authority** 





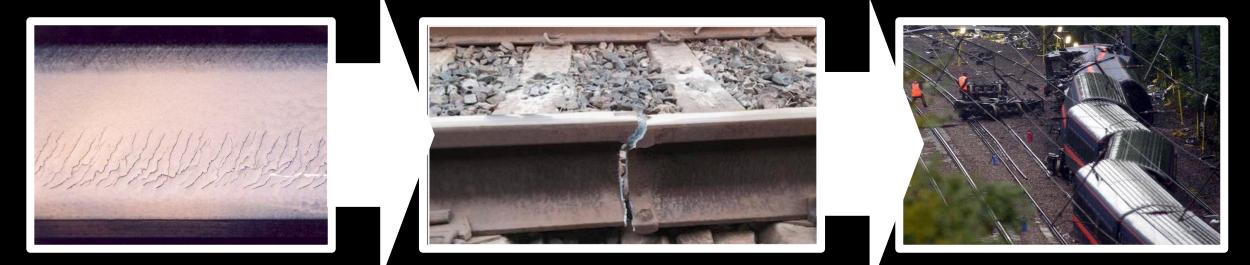




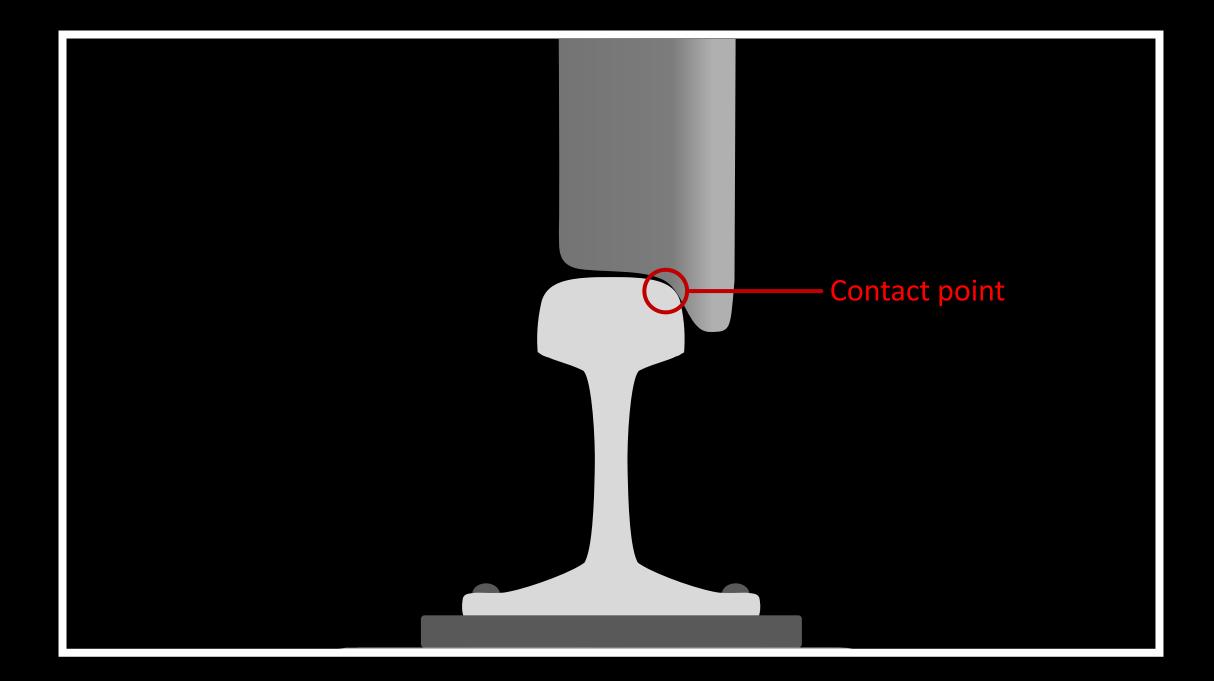




# An incomplete appreciation of the risks presented by gauge corner cracking, and



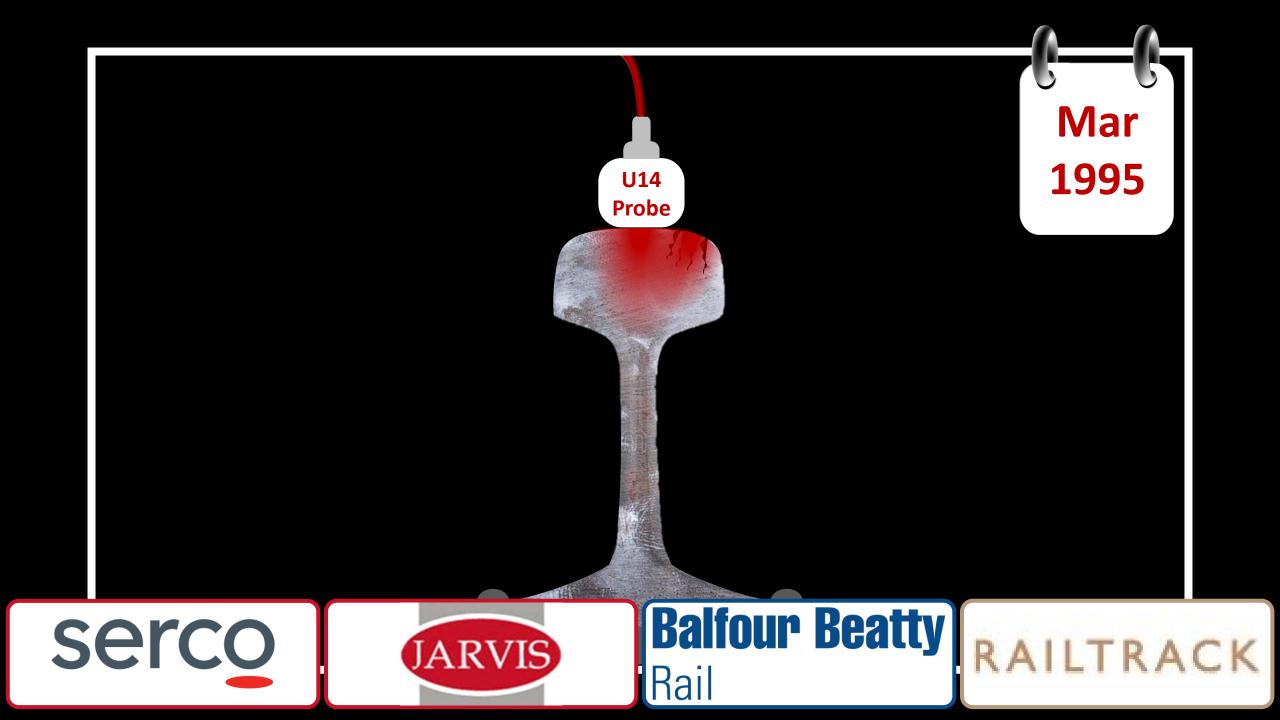
A consequent failure to develop and disseminate comprehensive instructions on its identification and the control measures required'.



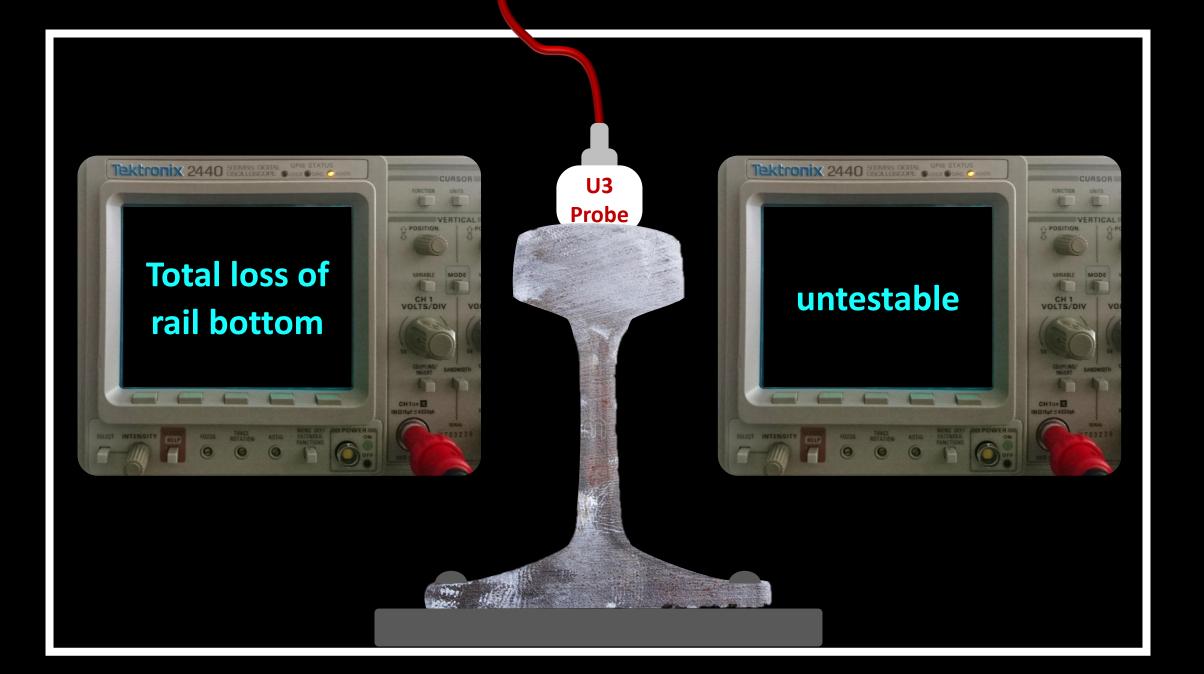








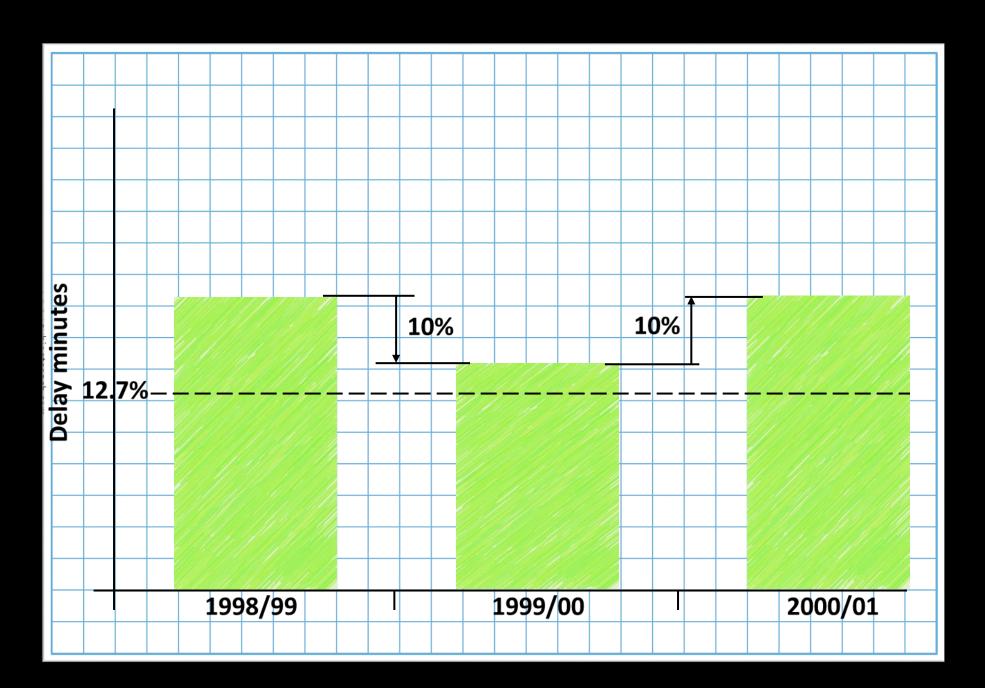




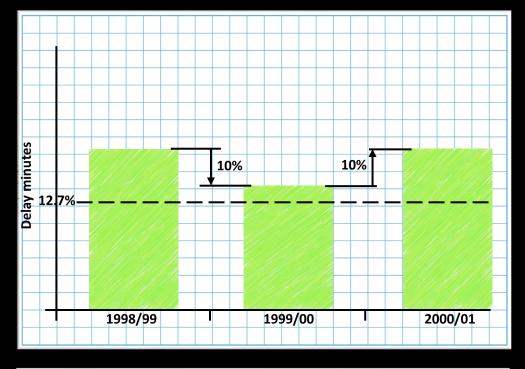




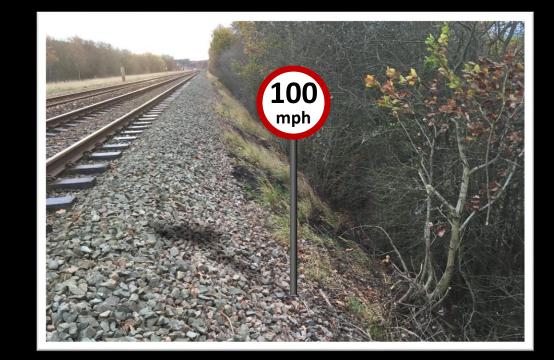




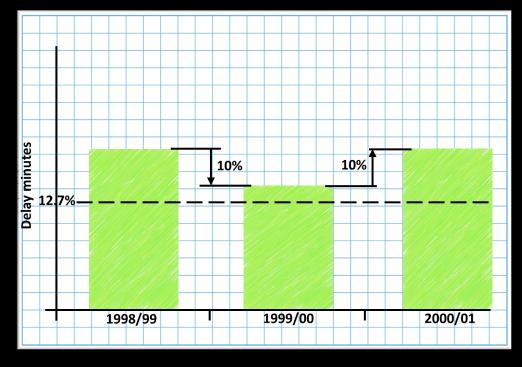




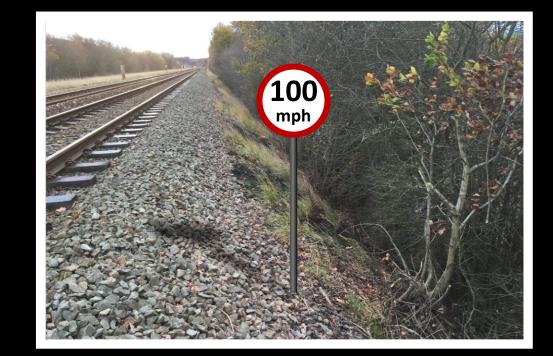






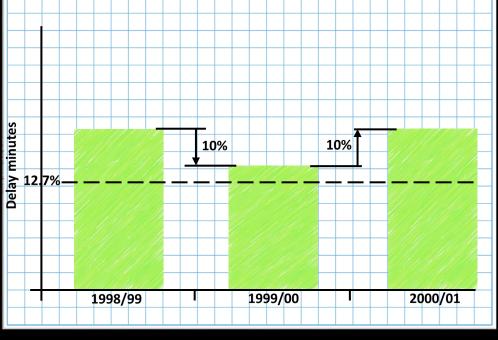


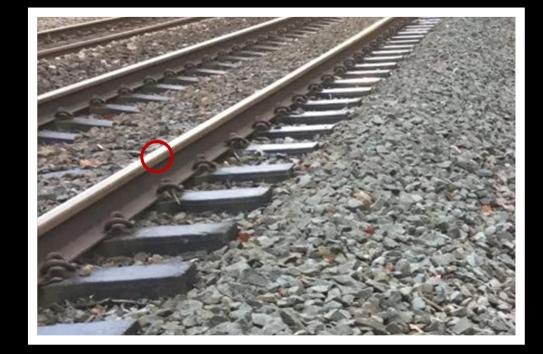




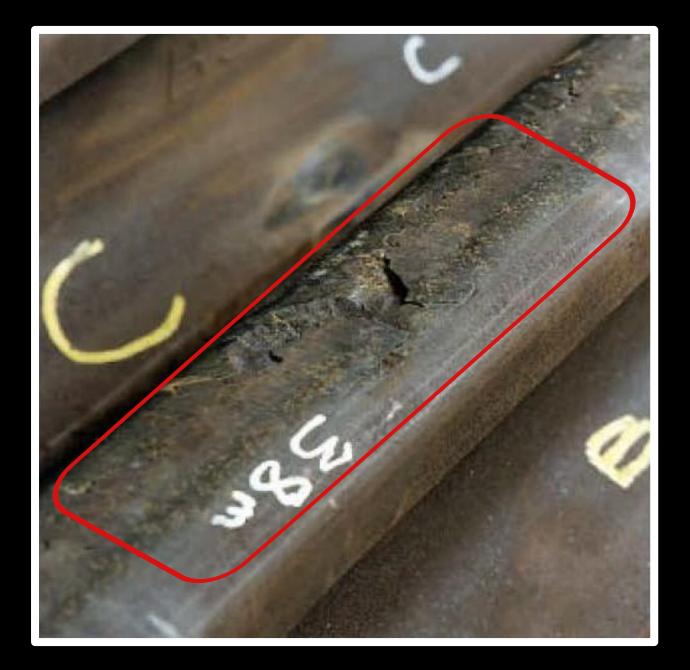


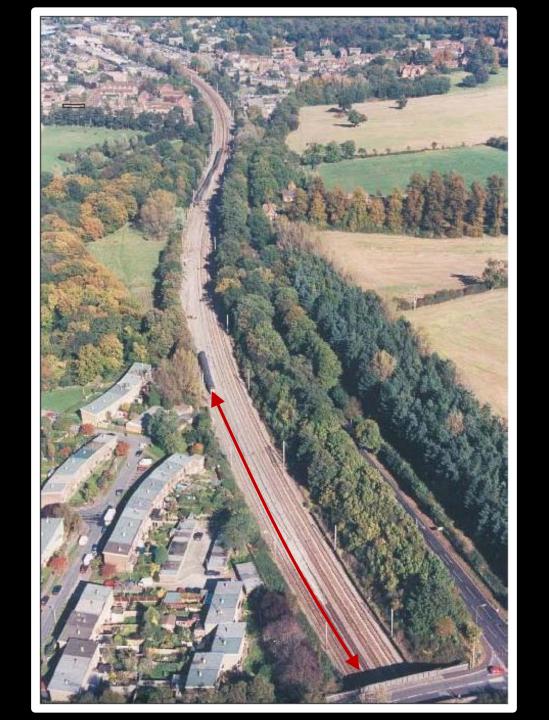








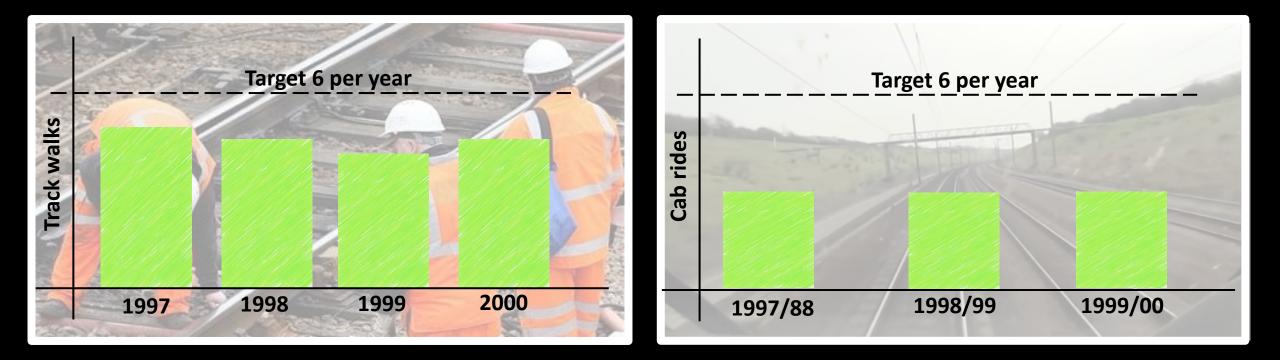




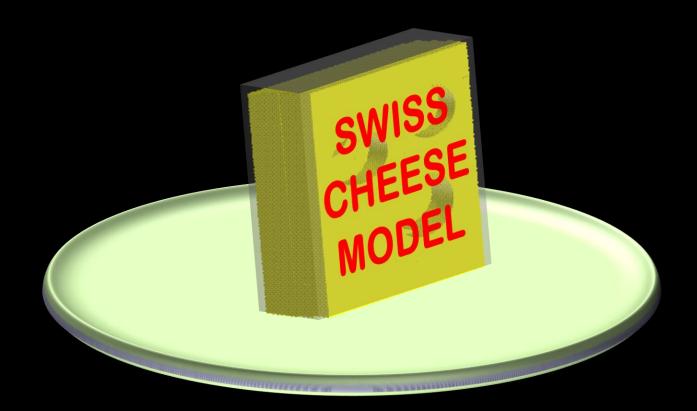


## I have never been trained to recognise Gauge Corner Cracking or understand what risks it brought with it.















Railtrack LNE Compliance and Engineering Manager – Was unable to follow a discussion of track work at Hitchin because he didn't understand its technical nature.

The Zone Quality Standards Manager -

Had neither 'knowledge of railway engineering nor railway safety'

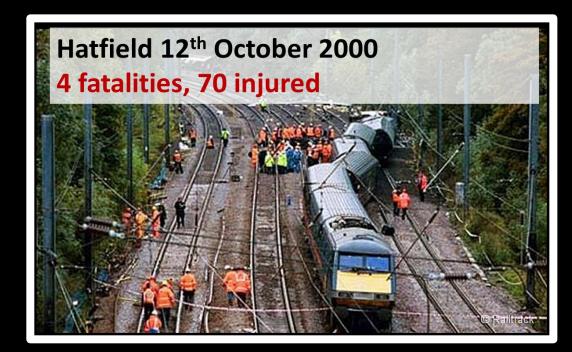
Clapham Junction 12<sup>th</sup> December 1988 35 fatalities, 484 injured





### Piper Alpha 6-7<sup>th</sup> July 1988 167 fatalities







## David Ventry, Professional Head of Track at Railtrack HQ.

May

1999

'a key driver in the rise in the number of broken rails is the current poor maintenance or, more precisely, the lack of adequate and appropriate maintenance'.







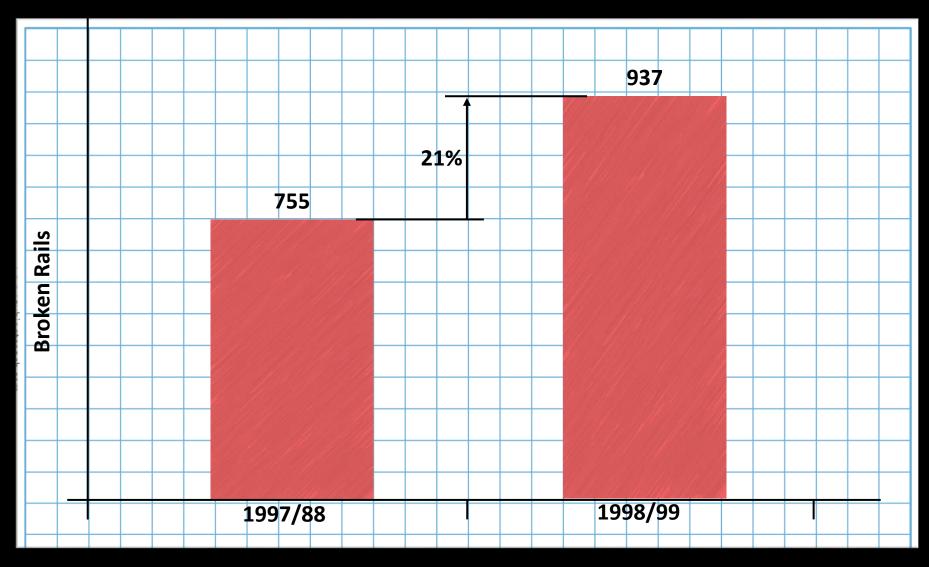
## David Ventry, Professional Head of Track at Railtrack HQ.

### the current state of the track on parts of our network [was] heading towards the boundary of acceptability',

# there was 'widespread noncompliance' with track maintenance standards and good practice.

the 'balance between commercial drivers and safety' was 'overwhelmingly towards the commercial'



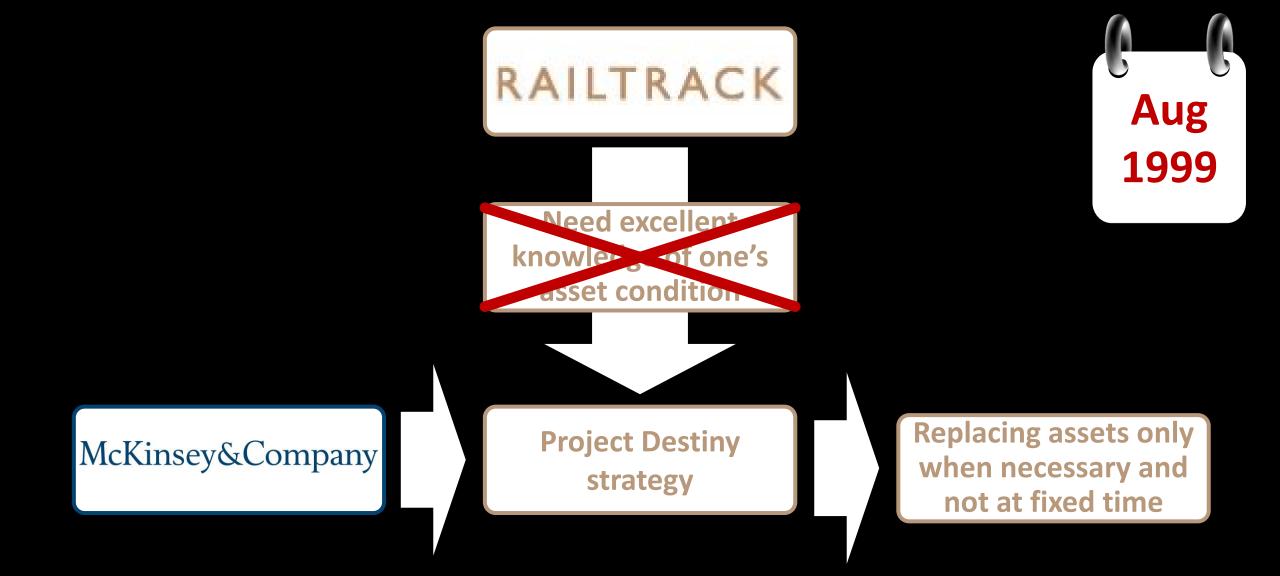


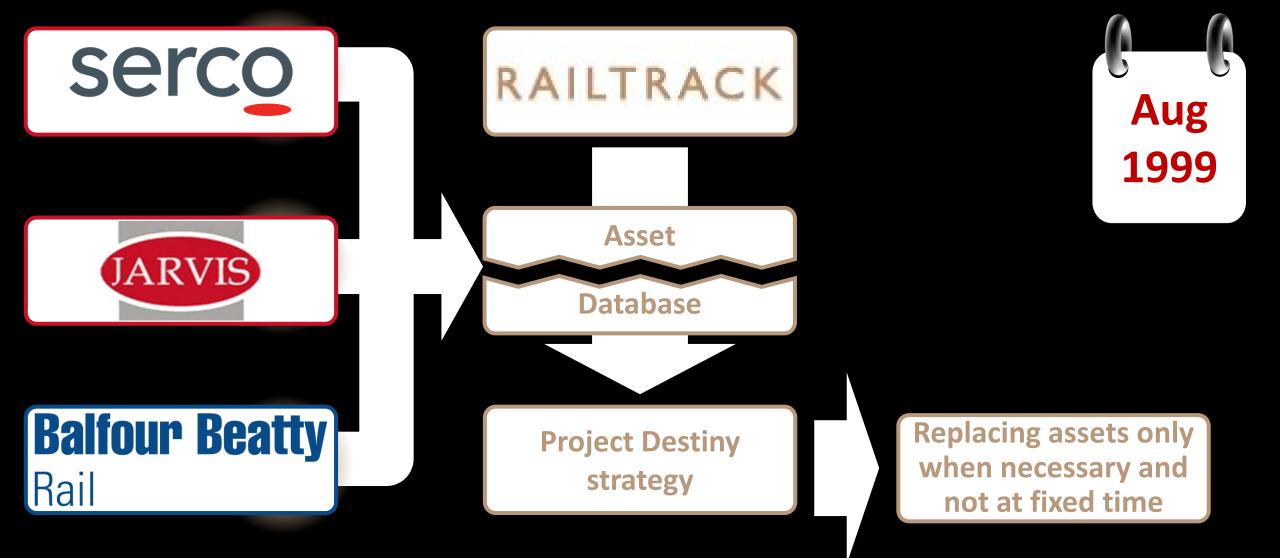


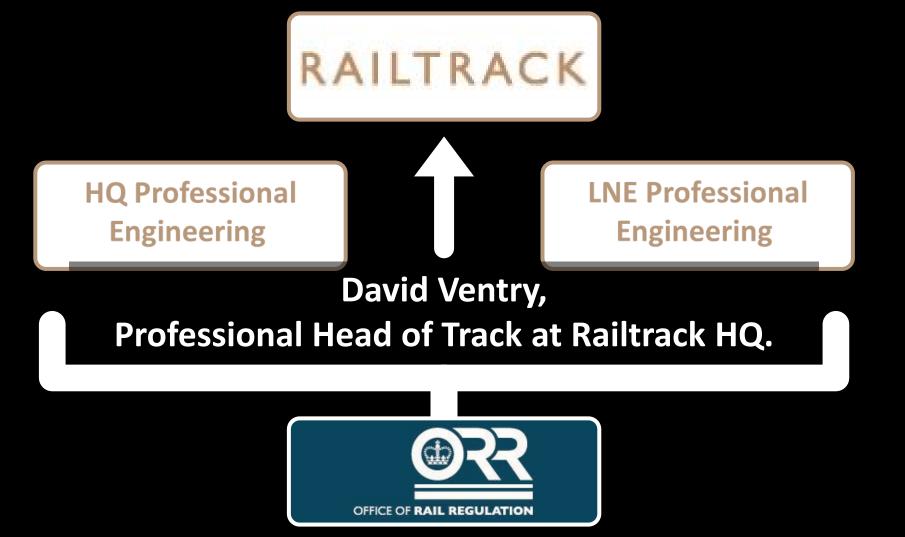
## Tom Windsor Rail Regulator



### More clarity on what Railtrack deemed acceptable?







'that he alerted senior colleagues to the non-compliant state of rail maintenance, however, Railtrack as an organisation, failed to implement and monitor his advice to ensure rails were properly maintained'





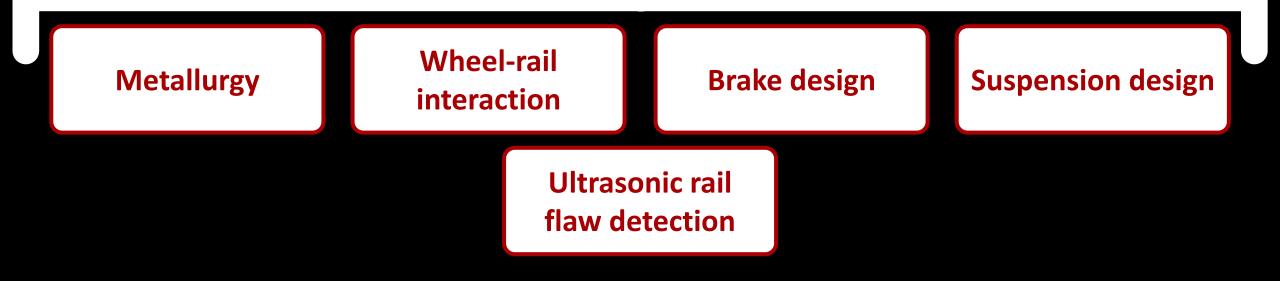
Por it iviainte providing resources sedequi novestightenand with standards

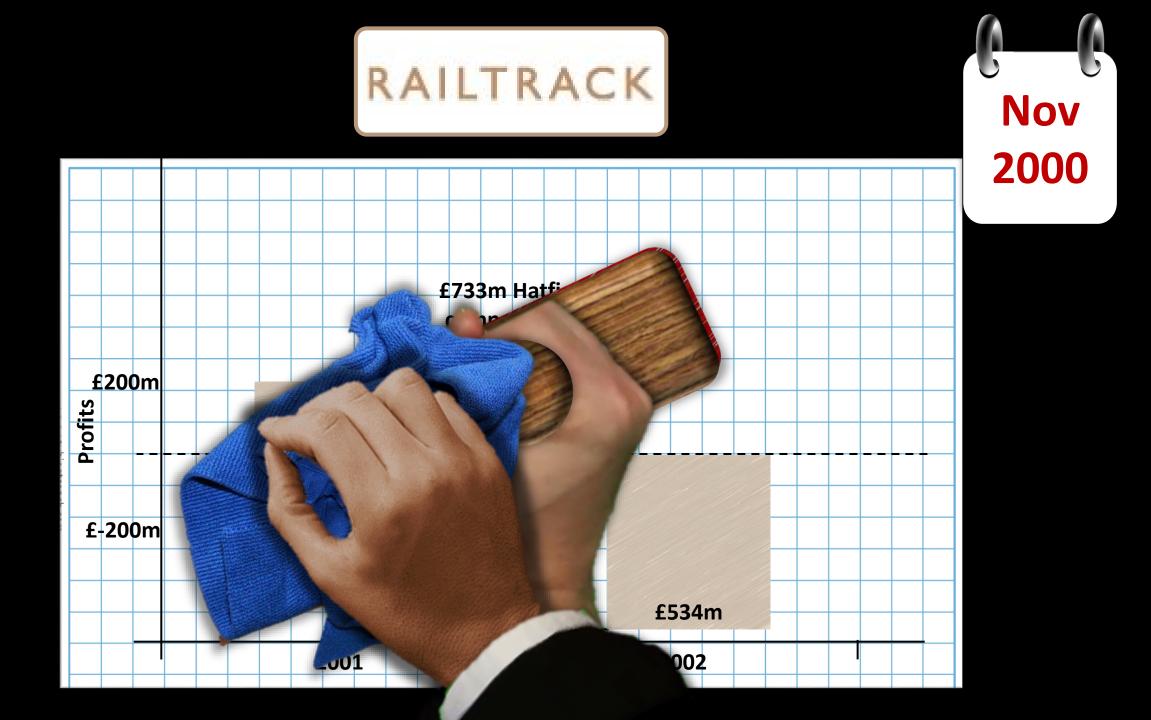


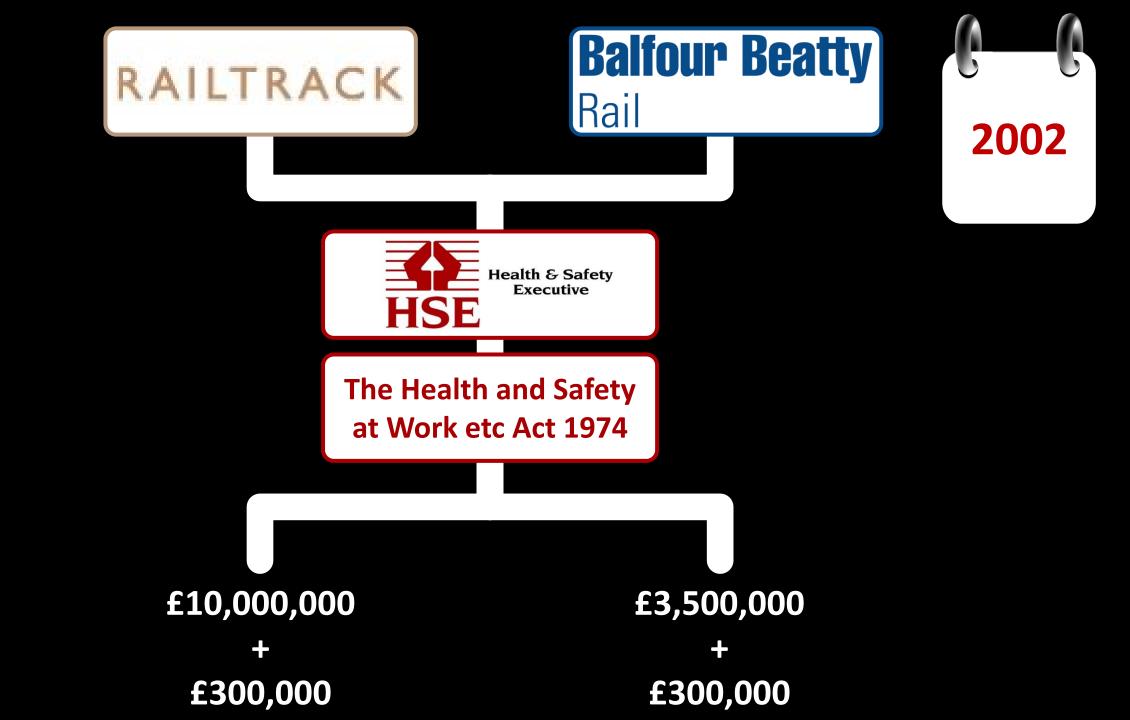
# Tom Windsor Rail Regulator



































#### STATUTORY INSTRUMENTS

Sept

2005

**Safety Case containing** 

- a Safety Management

System

#### 2000 No. 2688

#### HEALTH AND SAFETY

#### The Railways (Safety Case) Regulations 2000

Made	2nd October 2000
Laid before Parliament	2nd October 2000
Coming into force	31st December 2000

#### ARRANGEMENT OF REGULATIONS

#### PART 1

#### INTRODUCTION

#### 1. Citation and commencement

2. Interpretation

#### 3. Application

PARTI

#### SAFETY CASES

4. Use of railway infrastructure 5. Safety case for train operations and for station operations 6. Review of safety cases 7. Revision of safety cases 8. Power of Executive in relation to safety cases

9. Audit PART III

#### GENERAL DUTIES

PART IV MISCELLANEOUS

1

[DOT 12323]

- 14. Notifications, consultations and documents

15. Appeals 16. Transitional provisions 17. Exemptions 18. Amendment and revocation

- 11. Co-operation

### 10. Duty to conform with safety case

- Duties of infrastructure controller
  Notification of non-compliance

### STATUTORY INSTRUMENTS

2006 No. 599

HEALTH AND SAFETY

### The Railways and Other Guided Transport Systems (Safety) Regulations 2006

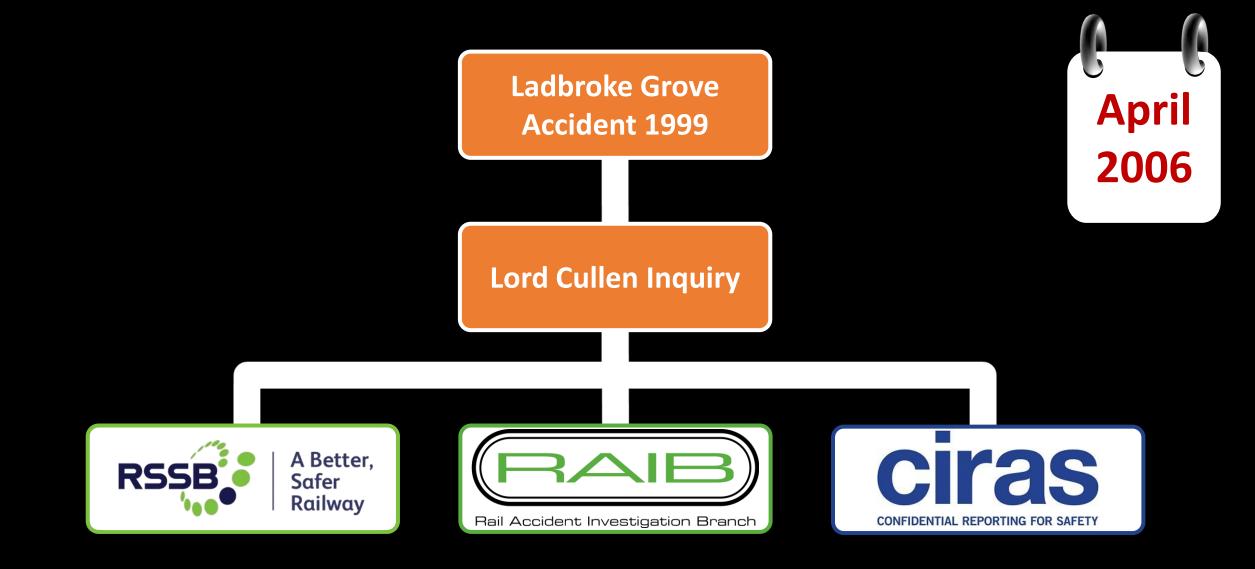
£6.50

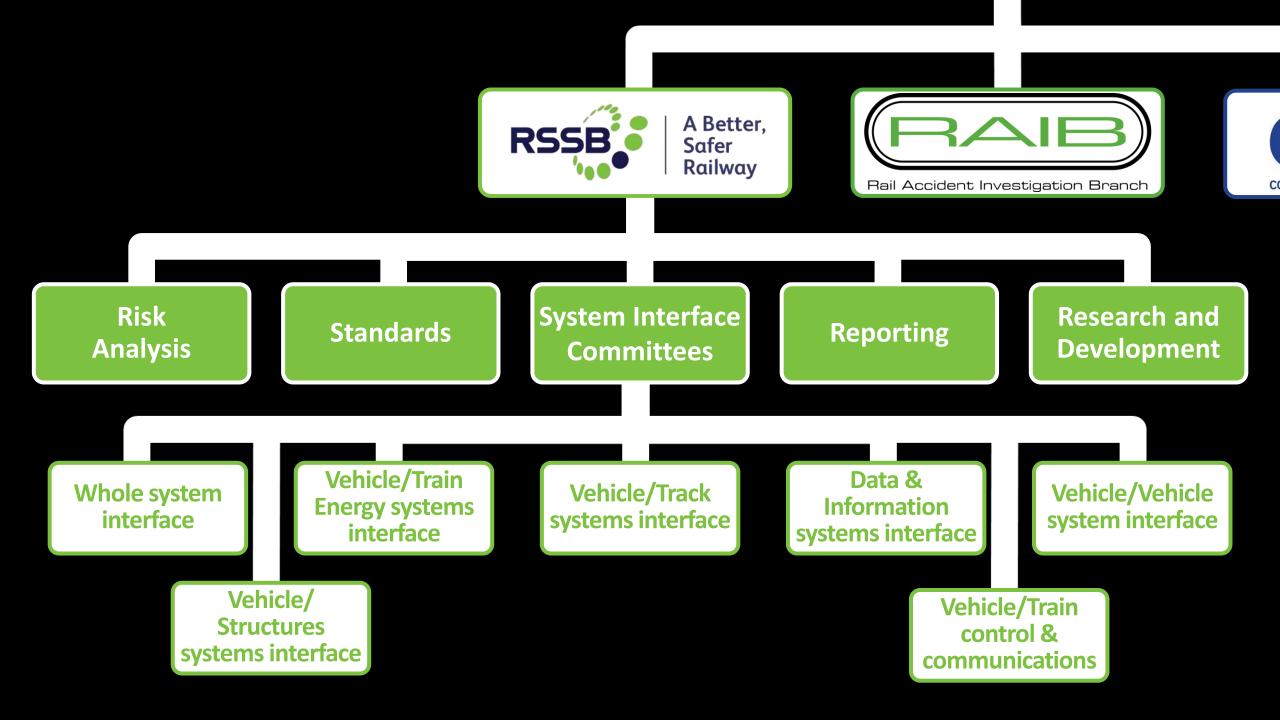
Made
Laid before Parliament
Coming into force except for regulations 19, 23 to 26, 29 and 34 regulations 19, 23 to 26, 29, and 34

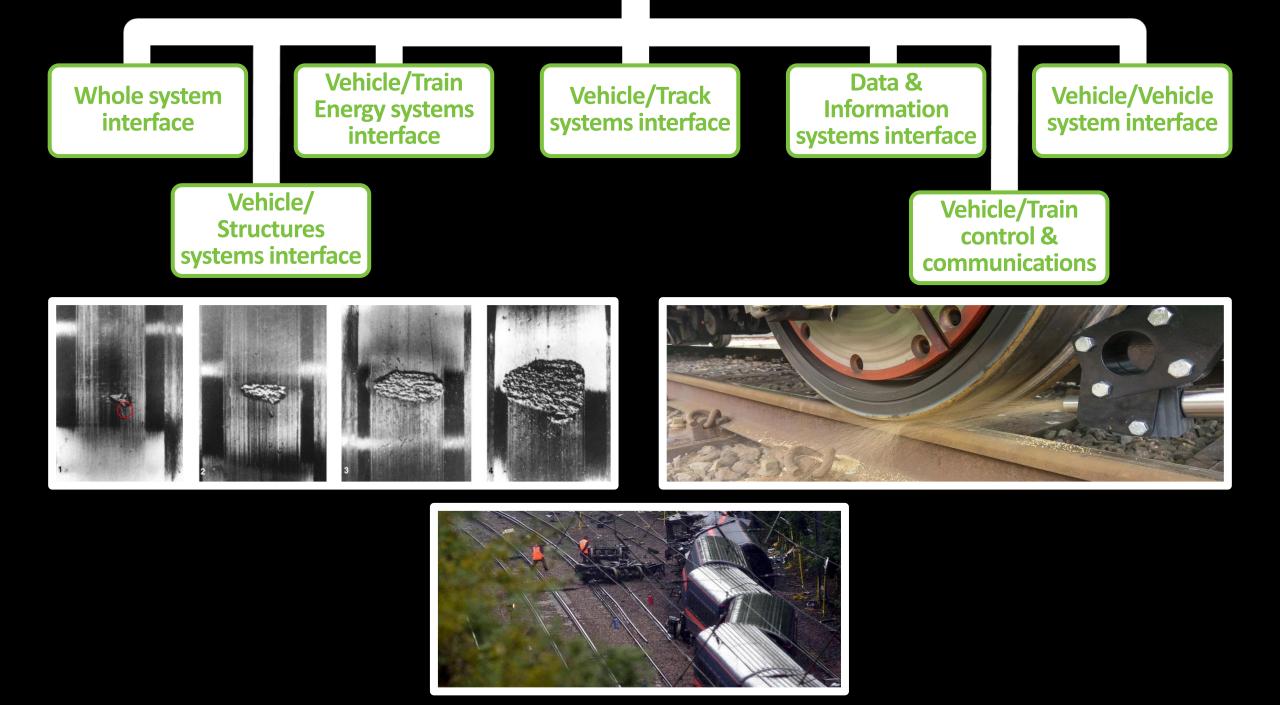
9th March 2006 17th March 2006 10th April 2006 1st October 2006

# Safety Certificate or **Safety Authorisation**

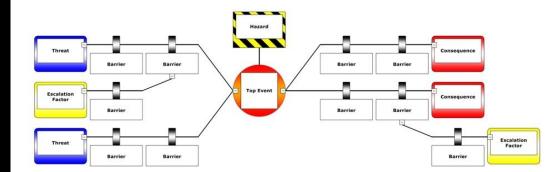
2000





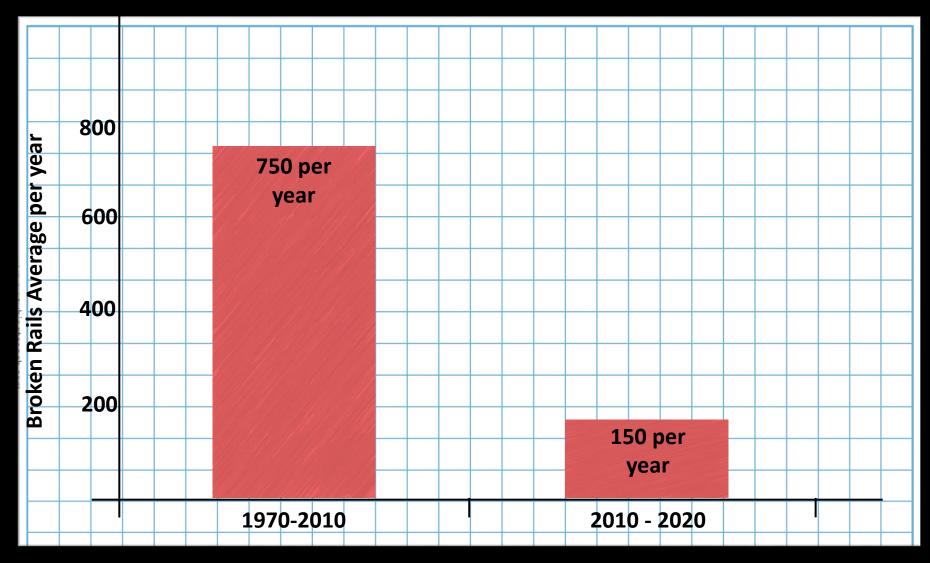














**Corporate Memory ?** 



### Greg Morse LHSBR Editor and Operational Feedback Lead Health and Safety Management