

**Report of a Rail Defect Found / Repaired / Removed**

TEF3037 issue 6 December 2020

**Identifiers**

RDMS No	DEFECT No		
Suspect UID	5000 or more		
Previously Reported?	yes / no	distance from nearest	
Discovery Method		4999 to 150mm	heavy/severe crack
		149mm or less	

**Location**

Route	Delivery Unit		
Section Manager, Track	Site Name		
ELR	Track ID	Line Speed	
Start Mile	Start Yard	End Mile	End Yard
Start GPS (N)	Start GPS Accuracy	End GPS (N)	End GPS Accuracy
Start GPS (W/E)	feet	End GPS (W/E)	feet
Rail	S&C Assembly	Points No	

**Rail Characteristics**

Rail Description / S&C	Profile	Year
Component		
Manufacturer	Grade	
Coating	Weld Type	
Structures	Weld Stamp	

**Defect Details**

Defect Description	Multiple T/Os - Number in 5m			
Location	Vertical Longitudinal Split: Visible Cracks?			
Position	Vertical Longitudinal Split: Bulging $\geq$ 2mm?			
Length	mm	Depth	mm	
UT Response	%FSH	Wide Running Band?		
Ultrasonic test responses beyond 20mm range (shear waves) arising from RCF cracks - Centre, Gauge and Field Probes				
Centre Response	%FSH	Gauge Response	%FSH	Field Response
Comments				
Test Method				
MAC	Fault No			
ESR Imposed?	yes / no	ESR Speed	mph	Clamped? yes / no Line Blocked? yes / no
Inspected / Tested By	Name	Signature		Date

**Reviewed by as defined by NR/L3/TRK/1102 Table 1**

MAC Reviewed	Name		Signature	Date
Amended MAC (if applicable)				

**Input to RDMS****Report Received by Section Manager, Track**

Due Date (From RDMS)	Initials	Input Date	Section Manager Name	Section Manager Signature	Date
Proposed Removal Method:					

**Defect Removal / Repair**

Date Removal/Repair	Method	Weld Type	Stress Restored?	yes / no
Removed/Repaired By	Name		Signature	Date
Confirmed by SM (T)	Name		Signature	Date