

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	4999 to 150mm	
Discovery Method			heavy/severe crack	149mm or less	

Location

Route			Delivery Unit		
Section Manager, Track			Site Name		
ELR		Track ID		Track Category	
Start Mile		Start Yard		End Mile	
Start GPS (N)		Start GPS Accuracy		End GPS (N)	
Start GPS (W/E)		feet		End GPS (W/E)	
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?	yes / no
Position			Vertical Longitudinal Split: Bulging >=2mm?	yes / no
Length	mm	Depth	mm	Wide Running Band?
UT Response	%FSH			
<i>Ultrasonic test responses beyond 20mm range (shear waves) arising from RCF cracks - Centre, Gauge and Field Probes</i>				
Centre Response	%FSH	Gauge Response	%FSH	Field Response
Comments				
Test Method				
MAC		Fault No		
ESR Imposed?	yes / no	ESR Speed	mph	Clamped?
Inspected / Tested By	Name	Signature		Date
			Line Blocked?	yes / no

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			