

Ref:	NR/L2/ELP/27009/MOD C51
Issue:	1
Date:	03/12/2011
Compliance date:	03/03/2012
Page	1 of 2

OVERHEAD LINE CAMPAIGN CHANGES – DATA SHEET	
51	GENERAL WIRE CREEP COMPENSATION WORK
COMPONENT	Contact and catenary wire run along track movement
PROBLEM	Hard drawn copper / aluminium or copper silver conductors will stretch or creep over time, limiting available free movement with temperature. This results in lower tensions and poor current collection in hot conditions.
	

Reference Information	
Ellipse standard job number	13051
Ellipse standard job description	Wire creep compensation work
Category	Contact wire / catenary
Priority	No
Types of OLE affected	Mk2; Mk3 (all); Mk5; UK1
Original equipment dates	After 1970



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Page	2 of 2

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GENERAL WIRE CREEP COMPENSATION WORK

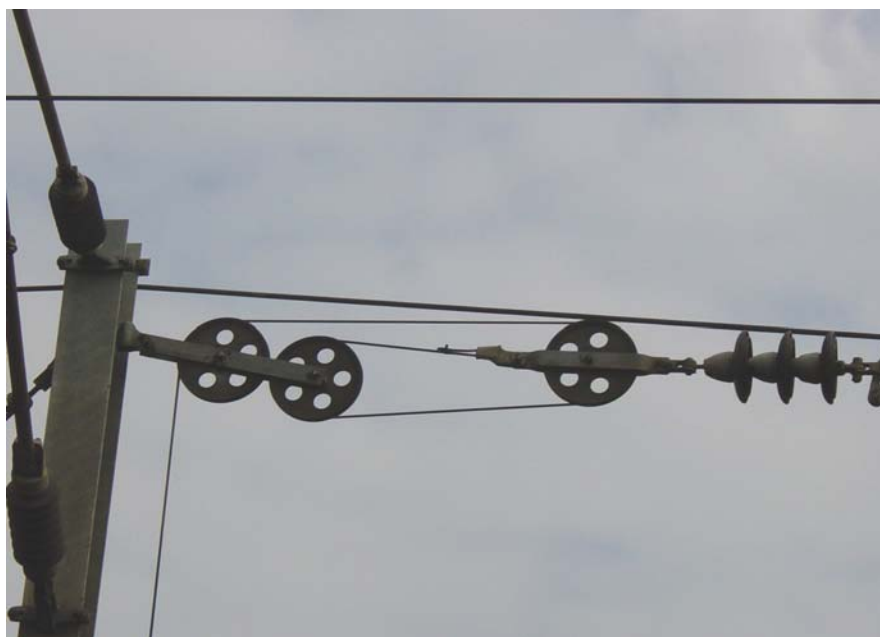
ACTION REQUIRED

General wire creep compensation work required includes:

1. Increase any non-compliant balance weight anchor pulley wheel spacings;
2. Re-tension MPA tie wires;
3. Adjust all along track settings.

Where prevalent across a half tension length, recovery should be applied across the wire run and not at individual locations.

This campaign change does not apply to new installations where a separate programme of early life inspections is a project deliverable.



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