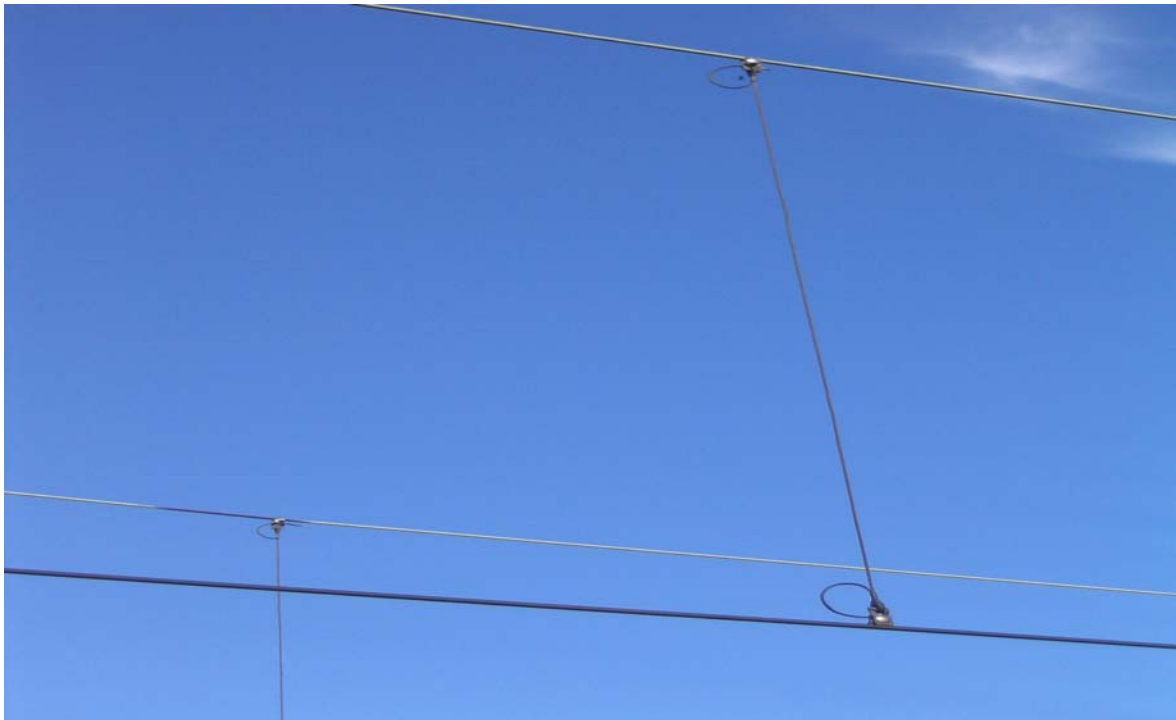


Ref:	NR/L2/ELP/27009/MOD C44
Issue:	1
Date:	03/12/2011
Compliance date:	03/03/2012
Page	1 of 2

OVERHEAD LINE CAMPAIGN CHANGES – DATA SHEET	
44	REPLACEMENT OF 4mm STAINLESS STEEL SOLID DROPPERS
COMPONENT	4mm stainless steel droppers.
PROBLEM	Stainless steel droppers subjected to regular flexing have a tendency to work harden and break, leading to the dropper falling foul of pantographs. Failures are linked to a number of variables, including linespeed, number of pantograph passage and gradient.
ACTION REQUIRED	<p>Replace droppers with an approved type of copper flexible dropper. See drawing 199/411 for dropper type.</p> <p>This campaign change applies where there is a notable failure rate and a campaign change renewal of droppers can be justified by improved asset performance.</p>
	

Reference Information	
Ellipse standard job number	13044
Ellipse standard job description	Replace stainless steel 4mm solid dropper
Category	Dropper
Priority	Yes (where justified)
Types of OLE affected	All except Mk3d and UK1 (Mk1 upgrade)
Original equipment dates	After 1970

Ref:	NR/L2/ELP/27009/MOD C44
Issue:	1
Date:	03/12/2011
Compliance date:	03/03/2012
Page	2 of 2

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