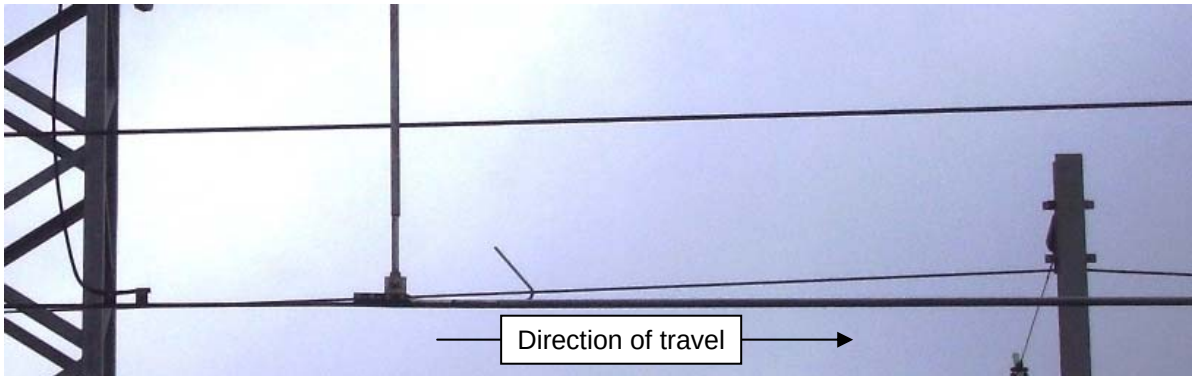


Ref:	NR/L2/ELP/27009/MOD C76
Issue:	1
Date:	03/12/2011
Compliance date:	03/03/2012
Page	1 of 2

OVERHEAD LINE CAMPAIGN CHANGES – DATA SHEET	
76	LEVER ARM MODIFICATION TO ARTHUR FLURY NEUTRAL SECTIONS
COMPONENT	Arthur Flury skidless neutral sections, where there is no lever arm fitted on the entry end of the neutral sections.
PROBLEM	<p>The original design of this neutral section tended to flex at the entry end, at the splice between the contact wire and the insulator ferrule. This caused poor wear at the interface, leading to pantograph damage. This was particularly a problem in high speed lines.</p> <p>This campaign change relates to special inspection notice NR/SIN/111. That notice should be read as well as this campaign change.</p>
 <p>Arthur Flury skidless neutral section without lever arm.</p>	
Reference Information	
Ellipse standard job number	008041
Ellipse standard job description	
Category	Neutral sections
Priority	Yes (where line speed is 100 mph or greater)
Types of OLE affected	All
Original equipment dates	2003 approximately to 2010

Ref:	NR/L2/ELP/27009/MOD C76
Issue:	1
Date:	03/12/2011
Compliance date:	03/03/2012
Page	2 of 2

OVERHEAD LINE CAMPAIGN CHANGES – DATA SHEET

76

LEVER ARM MODIFICATION TO ARTHUR FLURY NEUTRAL SECTIONS

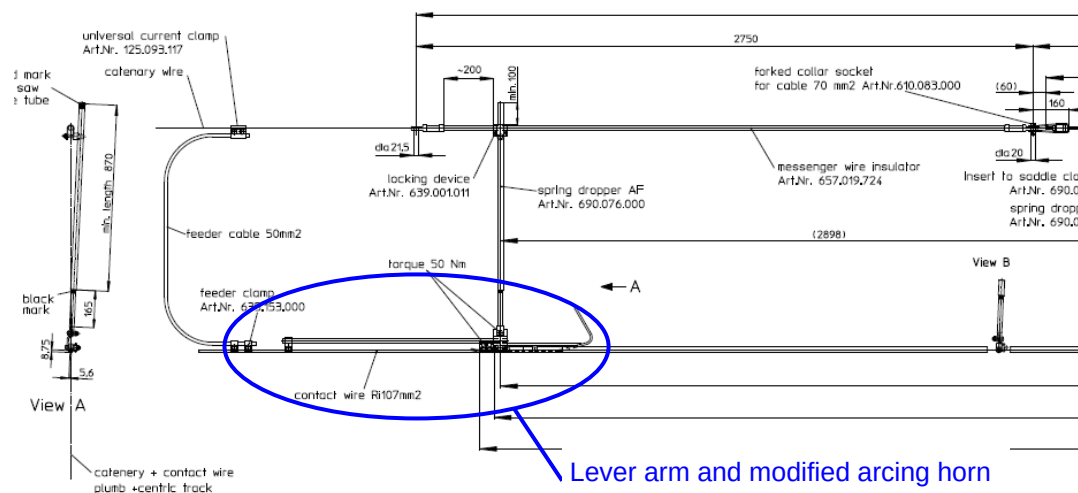
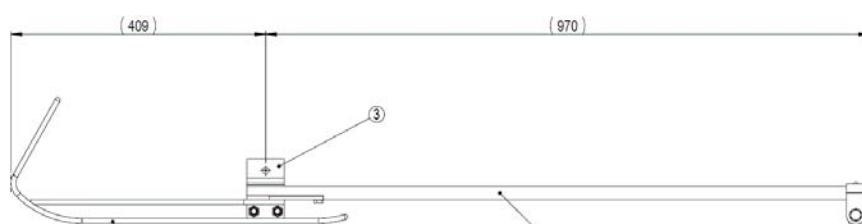
ACTION REQUIRED

Fit the lever arm and arcing horn modification kit as follows. This lever improves the profile and stiffness of the neutral section at the joint between the contact wire and the neutral section ferrule.

Item	Part number	PADS number
Lever arm assembly for neutral section (retrofit kit)	659.500.373	091/013237

Note that part number 091/013246 is identical to 091/013237.

Note that all assemblies delivered from December 2010 on have the new design with the lever arm and modified horns.



Lever arm and arcing horn retrofit kit



Modified neutral section (with old arcing horn shown)