

Ref:	NR/L2/ELP/27009/MOD C17
Issue:	1
Date:	03/12/2011
Compliance date:	03/03/2012
Page	1 of 4

OVERHEAD LINE CAMPAIGN CHANGES – DATA SHEET	
17	REPLACE COPPER PLY SPAN AND TAIL WIRE
COMPONENT	Copper-coated steel wire (copper-ply) to drawing 1/148/066 (19/1.854mm, overall diameter 9.3 mm).
PROBLEM	Damage during installation and adjustment of the copper ply wire where originally installed in span wires and tail wires leads to water ingress and rusting of the steel core strands.
	

Reference Information	
Ellipse standard job number	13017
Ellipse standard job description	Span and tail wires
Category	Span Wire
Priority	No
Types of OLE affected	Mk2;Mk3a; Mk3b
Original equipment dates	1969 - 1985



Ref:	NR/L2/ELP/27009/MOD C17
Issue:	1
Date:	03/12/2011
Compliance date:	03/03/2012
Page	2 of 4

OVERHEAD LINE CAMPAIGN CHANGES – DATA SHEET			
17	REPLACE COPPER PLY SPAN AND TAIL WIRE		
ACTION REQUIRED	1. Replace as follows:		
	Where fitted	Replace with	Drawing
	Span wires	19/2.1 Bronze II (see note)	1/148/439
	Tail wires	19/3.20 Hard drawn copper	1/148/048
For span wires the original campaign change was to replace copper ply with 19/2.1 cadmium copper to drawing 1/148/043, but this is not readily available now.			

Copyright Network Rail