

## PR S 40011 FM07 Indication Box – Like For Like Renewal

Work In	struct	ion	WO No.					
				Date:				
Scope:								
Team Leader:			dication Box Type:	ype: Signal Branch EP				
Activity:		Indication Box Like For Like Renewal						
		(includes Escapement Slide)						
Reference: PR		PR S 40010, PR S 40011						
Activity No.	Task No.	Work Description	Completed Name/Sign					
		APPARATUS INSPECTION & PREPARATION						
1	1A	Ensure the new indication box is of correct type and configuration in accordance with the specific design and compare to the existing indication box.						
2	2A	Confirm the Normal position of points.						
	2B	2B On the existing indication box, wire/null count the incoming terminals, including bridges and links and identify tail cable core numbers on the terminals and compare to specific circuit diagram.						
	2C	Document the disconnections on attached circu						
	2D	Conduct an apparatus inspection of the conditional arrangements, rodding and associated mechan required.						
		SAFEWORKING & DISCONNECTION FROM						
3	3A	Ensure affected signalling apparatus is booked out of use in accordance with PR S 40008. Obtain authorisation for any temporary bridging in accordance with PR S 40002 as necessary.						
	3B	Disconnect the affected signalling apparatus ar PR S 40009 – Disconnection of Signalling Apparatus						
	3C*	If applicable, apply temporary bridging in accordance to the string and any contacts remaining in circular to the string and any contacts remaining in circular to the string and any contacts remaining in circular to the string and any contacts.	002.					
		DISCONNECTION, REMOVAL AND INSTALL						
4	4A	Open links in location for indication box tail cable.						
	4B	Disconnect cable in indication box, protect ends	s and withdraw clear					
	4C	Remove indication box and renew any defective	e fixing material, rode	ding, etc.				
5	5A	Install new indication box. Lubricate as required.						
6	6A	Inspect the tail cable for signs of damage. Conduct an insulation test of the tail cable and record on circuit diagram.						
	6B	Connect the cable in accordance with previously wiring is clear of moving parts.	ly correlated circuit d	liagram. Ensure				
	6C	Ensure the installation is physically correct. Ens fastened.	sure all bolts and nut	s are appropriately				
		APPARATUS ADJUSTMENT						
7	7A	Adjust indication box for correct operation and adjustment.						

<sup>\*</sup>Not required where the Escapement Slide contain "escapement contacts" only.

Activity No.	Task No.	Work Description	Completed Name/Sign					
		CERTIFICATION						
8	8A	Wire count all terminals with incoming tail cable installation to circuit diagram ( <b>NB</b> : links to be counted as wire). Record on circuit diagram.						
9	9A	Close all associated to applicable).						
10*	10A*	Conduct a Points Corr position and open eac Normal detection is los Normal detection is los						
		Each contact# tested of when the points are of encapsulated contacts						
	10B*	Conduct a Points Corr position and open eac Reverse detection is lo Reverse detection is lo						
		Each contact# tested of when the points are of encapsulated contacts						
	10C*	Conduct an Out of Correspondence test of the following combinations and ensure no detection.  Note: The following combinations only apply for an existing double-ended layout.  A Signal Engineer shall be consulted if the layout consists of more than two ends.						
Out of correspondence test for existing double-ended layout		Operate points to Norr						
		A end hold Normal	Operate points lever Reverse		B end Reverse			
		B end hold Reverse	Operate points lever Normal (ensure NWR is energ	ised)	A end Normal			
		Operate points to Rev						
		A end hold Reverse	Operate points lever Normal		B end Normal			
		B end hold Normal	Operate points lever Reverse (ensure RWR is energ	gised)	A end Reverse			
11*	11A*	Certify the Facing Poir	nt Lock and Detection Normal & R					
12	12A	Arrange for the signaller to check the operation of the points, signals and indications associated with the apparatus. Ensure the indication box is secure.						
	12B*	Complete the return and applicable point history card.						
	12C	Book affected signalling apparatus back into use.						
ı	certify	points a	at					
lo	ocation h	ave been inspected and	tested and are fit for service.					
 P	rint Nam	e		Position				
S	ignature			Date				

<sup>\*</sup>Not required where the Escapement Slide contain "escapement contacts" only.