

Work Instruction		WO No.	
		Date:	
Scope:			
Team Leader:		Balise Type: <input type="checkbox"/> Fixed/ <input type="checkbox"/> Controlled	
Activity: ETCS Balise Like for Like Renewal			
Reference: PR S 41604 (ETCS Trackside Maintenance Manual), PR S 40004, PR S 40008, PR S 40009, PR S 40028, M05-503, PR S 40028 FM01 (ETCS M1), PR S 47110 (Inspection & Testing of Signalling) PR S 41015 FM123 Site Certification Form - SCF, PR S 41015 FM124 ETCS Installed Data Form - Balise			
Activity No.	Task No.	Work Description	
		Completed Name/Sign	
APPARATUS INSPECTION & PREPARATION			
NOTE			
<ul style="list-style-type: none"> In order to reduce the likelihood of a cable being connected to the wrong balise, only one balise shall be disconnected or re-instated at a time. Fixed and controlled balises have the same part number and are the same item of equipment. <p>Alstom yellow and grey balises are interchangeable</p>			
1	1A	Check the existing balise name on both the circular balise ID plate (on the balise) and the rectangular balise location ID plate (adjacent to the balise) against the signalling plan. If this is an ASDO Reference Balise: also check the additional circular ASDO Reference Balise ID plate against the SCF and check that a rectangular ASDO marker plaque is located on the platform vertical wall.	
	1B	Where required, on or adjacent to the track, mark the current position of the balise, in accordance with PR S 41604. If there is any uncertainty about the location of the old balise, its distance from the reference shown on the signalling plan will require measuring and marking.	
	1C	Examine the existing balise to see if the balise tail cable (for a controlled balise), fixings or mountings are required to be replaced.	
	1D	Examine the existing balise mountings and cable fixings to see if any special brackets or spacers are required for mounting the balise between guard rails or on slab track.	
DATA CONFIGURATION AND PROGRAMMING			
NOTE			
Fixed and controlled balises contain default data specific to each balise Any replacement balise needs to be programmed, preferably prior to going on site.			
2	2A	For a new or recovered balise programmed for another location, erase data in accordance with PR S 40028.	
	2B	Determine the correct specific balise data configuration file from the 'ETCS Installed Data Form' in the circuit book.	
	2C	Load the correct specific missions and balise configuration data into the BEPT to be used for programming.	
	2D	Program the balise with the correct data as described in PR S 40028 and MN S 41604.	
	2E	If programming is performed prior to installation: Affix the balise ID plate, or write the balise ID on the top of the balise using a permanent marker if the balise ID plate is not available.	
	2F	Record details on <i>PR S 40028 FM01 Balise Replacement Testing (ETCS M1)</i> form.	
SAFeworking & DISCONNECTION FROM INTERLOCKING			
3	3A	Determine if the ETCS equipment and any associated signalling are required to be booked out of use.	
	3B	If required, disconnect the ETCS equipment and any associated signalling, in accordance with PR S 40009.	

