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| **Signal Support Work Instruction****Part 1** | **No.**  |
| **Page 1 of 2** |
| **Project:** | **Register No:** |
| **Shift Time from:** | **To:** | **Date:** |
| **Issued to:**  |  | **Team No:** |
| **Package Lead:**  |  | **Version No:** |
| **Activity:** | **ETCS BALISE - RESTORATION** |
| **Standards/Procedures/Drawings:** Signalling Maintenance Procedures – PR. Signalling Plan, Track Insulation Plan, Circuit Book, Disconnection List |
| **Activity No.** | **Task No.** | **WORK DESCRIPTION** | **Completed****Circle** |
| **1** | **1A** | Renew any defective rail fixings or anchors. |
|  | **1B** | Reinstall the original balise onto the existing anchor or fixing. Removed balises must be replaced in their original position as per the Site Certification Form in the circuit book. Check that the details on the circular balise ID plate (on the balise) and rectangular balise location ID plate (on the sleeper) match exactly. |
| **NOTE 1** | If the balise anchor or fixings are damaged and it is not practical to repair or install new anchors/fixings between trains, the balise may be temporarily fixed in place using a Vortok Universal Spreader Beam (where practical) until such time as it is practical to install the balise in the original manner. |
| **NOTE 2** | If the restoration balise is not the same unit removed, then the like for like change procedure shall be used in place of Activities 2, 3, and 4 below. Refer to PR S 40011 F44. |
| **2** | **2A** | Check and complete items in the Balise Replacement Testing Form M1 as described in the Alstom ETCS Trackside Maintenance Manual as applicable |
| **3** | **3A** | Perform a Default Balise Telegram Test using the BEPT as described in the Alstom ETCS Trackside Maintenance Manual as applicable. |
| **4** | **4A** | **For controlled balises:** Connect the balise tail cable, then plug in the LEU output transient protection cassette for that balise. |
|  | **4B** | **For controlled balises:** Perform a Controlled Balise Telegram Test using the BEPT and confirm that the telegram for at least one signal aspect is correct as described in the Alstom ETCS Trackside Maintenance Manual.  |
| **5** | **5A** | Ready to book back into use. |
|  |  | **Inspect and certify the following balises****(for each Balise – tick each appropriate task completed).** |
|  |  | Balise ID Type………. | **1A** | **1B** | **2A** |  |
| **3A** | **4A** | **4B** | **5A** |
|  |  | Balise ID Type………. | **1A** | **1B** | **2A** |  |
| **3A** | **4A** | **4B** | **5A** |
|  |  | Balise ID Type………. | **1A** | **1B** | **2A** |  |
| **3A** | **4A** | **4B** | **5A** |
|  |  | Balise ID Type………. | **1A** | **1B** | **2A** |  |
| **3A** | **4A** | **4B** | **5A** |

See over for completion of Work Instruction

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| **Signal Support Work Instruction****Part 2** | **Page 2 of 2** |
| **OUTSTANDING, INCOMPLETE WORK or NEW WORK REQUIRED** |
| **ACT** | **TASK** | **DETAILS** | **UNCOMPLETED WORK TRANSFERRED TO:**  |
| **Work Instruction No** | **Log line Item** |
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| **Emergency Phone Numbers** |
| **Regional Signalling Representative:** |  |
| **Possession/Closedown Management:** |  |
| **Signal Box or Control Centre:** |  |
| **ICON:** |  |
| **Incident Hotline:** |  |
| **WORK STATUS STATEMENT** |
| **The Work described above has been performed and recorded in accordance with the specified standard. Any outstanding actions that do not affect the operation of the Signalling system have been transferred to another work instruction or listed in the log for future completion.**

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| **Name** |  |
| **Position** |  |
| **Signature** |  | **Date** |  |

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