

EVENT LEARNING

Safety & Sustainable Development

016

Incident Date / Time: Sunday 03rd August / 08:15

Location: IEP Merchant Park

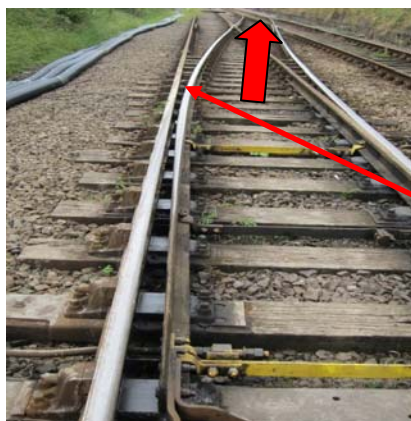
Works Taking Place / Incident Type: Asset damage during construction of Location Cabinet Bases

Issued By: Safety & Sustainable Development Team

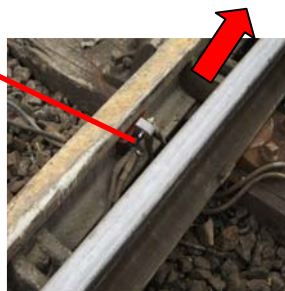
Project Name / Number: IEP Merchant Park / 131267

For the attention of: *All Scotland and North East*

DESCRIPTION OF INCIDENT



Direction of RRV Travel
(Note Switches were set in opposite direction to shown in photo)



The construction of Location Cabinet Bases required materials to be transported from the site access to the area of work using an RRV. Upon completion of the work, the Signaller reported that a track circuit failure was evident. Following investigation, damage to a Track Circuit Interrupter (TCI) was observed.

The TCI is located on the entry into the SPAD Overshoot track and protects the single line at this location.

CAUSES

- Whilst a pre-work site survey was carried out, the site team were unaware of the TCI or the function it provides (specifically located at SPAD Overshoots and on Trap Points).
- The RRV being used was a 'low rail' type where the RRV tyres contact the head of the rail. It is thought that ballast lodged within the tyre tread came into contact with the TCI.

The reader is required to take action where appropriate :

Discuss with your Principal Contractor :

- Do you have a project where RRVs are used in the vicinity of SPAD Overshoots and Trap Points?
- Will your project / site surveys detect the presence of TCI's on *your* sites?
- Where TCI's are present, how is the requirement for 'high rail' type RRVs assessed and managed?
- Alternatively, seeking S&T expertise for disconnection, removal and reconnection of the TCI may be required.