



Client: Union Railways  
Main Contractor: EMCOR  
Dates: May 2005 to June 2007



**Background:**

The CTRL section 2 HS1 project covered the High Speed rail Link from Ebbsfleet through to St Pancras. This contract was to install the new TVM 430 high speed signalling system.

Union Rail contracted RLE/CSEE who engaged EMCOR. EMCOR tendered the work out and Kelly I.T.S. Ltd ( working under the name of Kelly Rail Ltd) were successful in being awarded the contract

**Scope of work:**

The project which was titled C588 ran alongside several other C contracts within the Ebbsfleet to St. Pancras link.

The main scope of work carried out by Kelly I.T.S. Ltd (Kelly Rail) included

- Route works and Troughing installation trackside
- Signal Room cable, wire and earth installation
- Trackside cable and earth terminations within Location cases
- Running, Installation & termination of Intermittent Transmission Loops (TVM 430) assets
- Running, Installation & termination of JES Track Circuits (TVM 430) assets
- Yellow Track bonding
- Mechanical installation of trackside assets
- 2.1 Verification of all installation works
- Electrical termination of Long nosed high speed crossovers (detection boxes)

**Key Success factors and Innovations:**

This was the first large signalling installation and verification contract that Kelly I.T.S. Ltd (Kelly Rail Ltd) were awarded.

Such was the high standard of the installation carried out by the staff engaged by Kelly I.T.S. LTD (Kelly Rail Ltd) on the contract that the Project Management team were requested to produce several Microsoft Powerpoint Installation Standards presentations on behalf of the main contractor EMCOR for acceptance by the client RLE/CSEE. In essence Kelly I.T.S. Ltd (Kelly Rail Ltd) set the installation standard required and expected on the contract.

It also marked the beginning of a development programme for raising staff competencies, most notably a number of staff gaining their IRSE Assistant, Installer, Team Leader and project Engineer licence categories.

