Solid State Interlocking Data Preparation (SSI DATA)

Aim

This course will enable a designer, who is already familiar with general interlocking principles and control tables, to be able to prepare data for SSI interlockings.

Key Features

- SSI data constructions and writing conventions.
- Practical data entry, compilation and de-bugging sessions on your design workstations (DWS) if available.
- The course can alternatively be delivered using “desktop” data writing exercises only, if you do not have a DWS available.
- All commonly occurring data files for all parts of the SSI interlocking system are covered:
    - Interlocking identities: TCS, SIG, PTS, ROU, ELT, QST & FLG files
    - Interlocking MPM data: IPT, FOP, PFM, PRR, OPT & MAP files
    - Panel processor identities: BUT & IND files
    - Panel processor Data: PSD, PPD, PTD, POD & PBK files
    - Understanding the “Newton mod” for points keying in the above files *NEW!*
    - Diagnostic processor: DIA file
    - Simulator and interface processors: Map design and co-ordinate assignment
- Use of SSI specific control tables for routes, subroutes and map search *NEW!*
- Interfacing SSI to TPWS using the preferred method 1a *NEW!*
- Overview of processes for data writing, configuration control and testing

Course Outcomes

On successful completion of this course, the delegate will be able to create all necessary data content to enable a simple interlocking to be set to work.

Assessment and Certification

The underpinning knowledge gained by the delegate will be measured by a theory assessment.

The delegate’s achievement of the Course Outcomes will be confirmed by a certificate which will be forwarded to the nominated client contact following the course.

Pre-Requisites

A well prepared delegate is expected to be able to interpret signalling plans and existing control tables for UK main line signalling installations.

Practical Information

- Duration: 10 days
- Location: At our Derby training centre, or on your premises. (Access to a design workstations is a requirement of this course and should be provided by the client)
- Maximum number of delegates: 8 (recommended maximum 2 delegates per design workstation)

This course is produced and run by Signet Solutions.

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