TCI

Remote condition monitoring and predictive maintenance of track circuit

Features

TCI allows several kinds of physical checking:
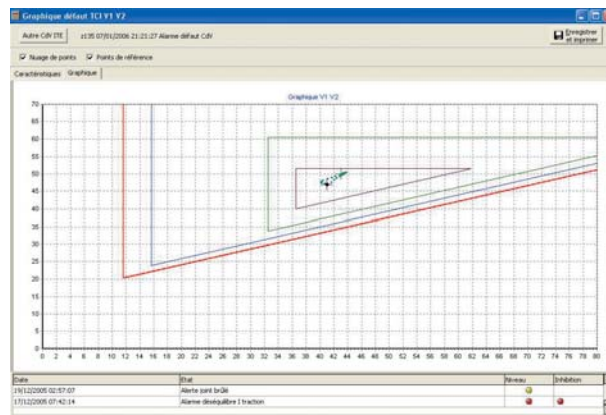- V1 and V2 reveiver voltage
- Pulse signal
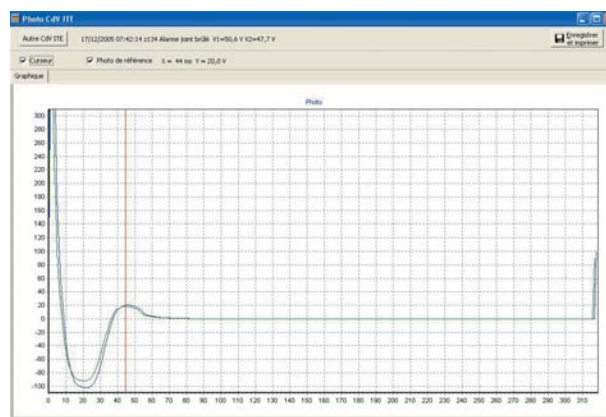
TCI allows several kinds of detection:
- Closes burned
- Track circuit in default
- Current imbalance in traction return

Technical characteristics

- V1 and V2 measurement
- Communication Mode (Gateway-UCC32) able to drive up to 32 track circuit
- Gateway-UCC32 connectable on Ethernet, G.SHDSL, RS485, RS232 link
- Central Server able to manage up to 32 UCC32 (PC type computer)
- Friendly MMI interface
- Artificial Intelligent statistic Software
- Centralization computer can manage up to 255 track circuit
- Allows to treat up to 36000 events per hour for a centralization computer
- A large scale of Network Interface (RS232, JBUS, IP…)

Default graph

Pulse graph

Configuration window

IN BRIEF

- **TCI is a condition monitoring for track circuit**
- **2 functioning mode:**
- **local mode: self contain system**
- **remote mode: with a computer linked by G.SHDSL, Ethernet or other IP support**
- **Able to manage a large quantity of track circuit**
- **Several kinds of detection by a friendly MMI**

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