NEW

Approach Train Warning Device ATOBS-G39

Centralised Level Cross Warning Device using Axle Counter Technology

Overview

- ATOBS provides audio-visual warning to road users based axle counting system, suited for both manned and unmanned LC gates at both single and double track
- Designed with Centralised Electronics at LC
- No electronics at Remote location
- Current sensing wheel detectors supporting distance up to distance of 3 Km's
- Complies with RDSO/SPN/179/2003 Ver 1.0 with amendment 1 and CENELEC standards

Modes of operation

- Normal, Standby, Shutdown

SM Console

- SM console at station has built-in event logger and used for monitoring up to 5 LC's and resetting ATOBS. Status displayed on LCD panel. Data can be downloaded using serial RS-232 port on a PC

Features

- Steady yellow under normal condition. Changes to Red and energizes hooter / gate barrier on train detection at remote. System restores to normal on train clearing the LC.
- Signal post on either side of LC. LED visibility up to 400M and audio range of 30M
- Works on 90R, 52Kg and 60Kg rails
- Train detection up to 250Kmph. Single wheel detector fixed at inner rail
- Power Input 24 VDC assisted with solar panel and 300 AH battery provided at LC
- Long working duration of 7 sunless days
- 24 watts low system power consumption. Utilities power for audio-visual and barrier extra
- Protected against lightning surges
- Stable operation at –10 to 70°C and RE area
- Power supply required at LC location only and at remote location only axle detectors required

ATOBS for Single Line Section

