

NEW SIGNALLING SYSTEMS RADIO SIGNALLING – EXTENDED DEVELOPMENTS

In reports TM-AUTO-20 and TM-AUTO-21, proposals were made to show how the use of Radio could be made to reduce the cost of signalling systems. This report examines how this technology may be enhanced to give higher order systems extending, if required, to fully automatic operation compatible with ATO concepts.

The advantage of using the system outlined here, is that it is the logical development of the family of compatible systems using radio as the transmission media for control and communication. Thus, depending on the level of operation required, it is possible to provide the Railway with a cheap, efficient and extendable system based on proven technology. Other developments in the Train Control field such as Automatic Route Selection and Solid State Interlocking may be used with significant effect in such a system at every level of implementation.