

# AN EXPERIMENTAL RAILWAY SIGNALLING SYSTEM USING MICROPROCESSORS

The principles and the technology of railway signalling have evolved over a long period of time, and provide the present day railway operator with a system which is both extremely safe and acceptably reliable. However, due to the specialised nature of much of the equipment, and the high standard of engineering required, the technology is expensive, and is likely to become more so. The Research and Development Division of British Rail is engaged in a programme of work which is aimed at the eventual replacement of electromechanical systems by a system based on microprocessor technology.