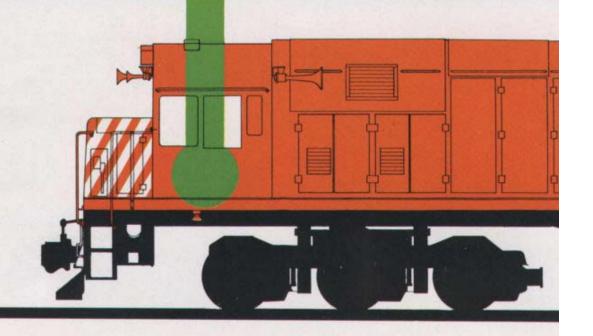
## The Guardian

## LOCOLOG

THE COMPLETE RAILWAY FLEET INFORMATION SYSTEM



## The Guardian

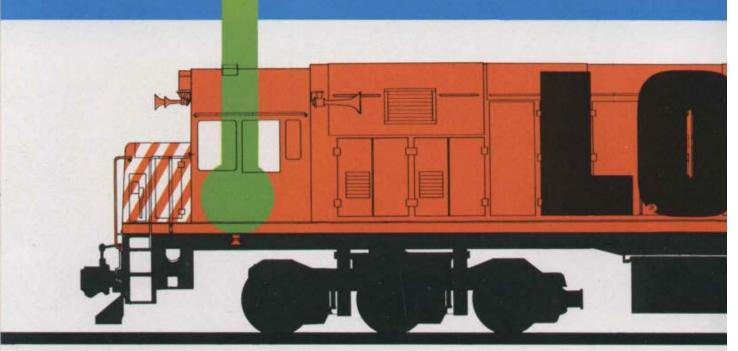
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provides trai journey data

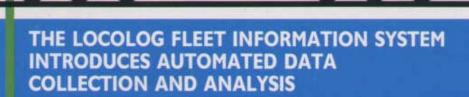


## LOCOLOG

provides Railway Management with the vital information needed to reduce fuel costs, to reduce maintenance costs and to improve locomotive efficiency and utilisation. The locomotive mounted LOCOLOG Recorder continuously stores a wide range of data in permanent electronic memory, and the **LOCOLOG** system converts this data into meaningful, up-to-date reports. These highlight important facts relating to fleet operation such as:







The state-of-the-art **LOCOLOG RECORDER** is mounted in the locomotive, and stores and updates locomotive data instantaneously in permanent electronic memory — no tapes to change or transport!

The data stored in the LOCOLOG RECORDER is extracted by the LOCOLOG DATA EXTRACTOR during refuelling stops and at maintenance depots.

LOCOLOG DAYA EXTRACTOR

> LOCOLOG DATA ANALYSER

The LOCOLOG DATA ANALYSER produces informative fleet-wide locomotive class or individual locomotive reports using information transmitted from the LOCOLOG DATA EXTRACTOR.

Locomotive information stored in the Railway mainframe computer can be updated from the

LOCOLOG DATA ANALYSER.

> RAILWAY MAIN FRAME COMPUTER

COLLISION LOG EXTRACTION

After a crash, the data stored in the LOCOLOG RECORDER

is transferred to a light-weight, portable

making available the vital facts about the operation of the locomotive in the final minutes leading up to the crash.

For information on LOCOLOG contact:-

The Guardian LOCOLOG

Designed and Manufactured by Production Engineering Company Limited. P.O. Box 308 Marton. New Zealand. Telex NZ 31468 (EMPEC) Telephone International 64 652 8189