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15.5. OTHER DEDICATED COMMUNICATION SERVICES

15.5.1. AUTOMATIC METER READING

A. DESCRIPTION

Automatic Meter Reading (AMR) is a service which enables a gas, electric or water company to read meters via a subscriber telephone line.

The AMR system is based on a central office Meter Reading Access Circuit (MRAC) interfaced to the central office switch. The gas, electric or water company's computer dials their subscriber's telephone number, without ringing the telephone. Once the computer has identified a validating tone, it activates the meter encoder via a Meter Interface Unit (MIU) located on the subscriber's premises. The MIU formats and transmits the read information back to the gas, electric or water company.