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Summaries

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New Line Selector LW 700 (end)

R. Burkhard, Solothurn

The current line selectors Model 56 and Model 60 for intercommunications are going to be replaced by a new set LW 700 at the beginning of 1981. This new set is program-controlled and of modular construction. A maximum of 15 line selectors can be connected to a PABX. The subscriber can now receive more diversified services due to improved electronic components. The holder of A-licence with corresponding additional training is responsible for the installation.

p. 46...54

Cable Failure Statistics

P. Diener, Berne

The article provides statistics on cable failures from 1967 to 1979. The implications of the measures taken against corrosion and lightning damages are examined in detail.

p. 55...57

Availability of Leased Circuits

F. Nüsseler, Berne

Availability is one of the important criterion of quality for leased circuits. The paper shows the causes and problems of circuit unavailability. One should observe certain rules when collecting and evaluating data for getting comparable results. The conclusions provide interesting indications for improving the service quality.

p. 58...61

New Trends of Data, Speech and Picture Transmission

K.-D. Schenkel and S. Maslowski, Ulm

Over the transmission path the digital signal is generally insensitive to interference signals. At first the authors treat the new possibilities of speech digitization followed by moving pictures digitization. They go on to discuss questions of digital line and radio transmission networks. The last part of this paper deals with the TV picture digitization and the status of digital signal transmission to the subscriber over optical fibre cables.

News Items

Post

Swiss postal coach will extend its service as a direct result of the new concept of the railway passenger service from May 1982.

The local **radiotelephone network of the postal coaches** in Scuol, Flims and Thuisis is taken into operation before the beginning of the winter season.

Telephone

The **centennial jubilee exhibition «100 years of telephone in Switzerland»** received 18 755 visitors at the Helmhaus in Zurich. Part of the exhibits remain open to the public at the Swiss Transport Museum at Luzern till mid-March and at the PTT Museum at Berne till the end of 1981.

The PTT acquired **24 telephone circuits in the Marseille-Tripoli undersea cable links**.

Teleinformatics

The **telex traffic with Ascension island** was opened on 1 December 1980.

On 5 December 1980 the **Radio-Suisse Ltd** took into operation the **Data-link switching system**, an extension of the **Datac** exchange node operating from 1977. Datac has access to the data banks in the USA and Canada.

Radio, Television

The PTT seized **32 pirate radio stations** in 1980 (1979: 20).

The first 150 m of the total 1000 m long access tunnel at the **Jungfrauoch radio link station** was newly built in two and a half years as a precautionary measure.

Miscellaneous

Bilateral agreements have been reached between **Switzerland and France** for erecting new digital transmission links and for modification of the existing facilities.