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Summaries and Notices

Summaries

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New configurations for the line selector LW 700 and multiple lines selector MA 710

R. Burkhard, Solothurn

The choice of line selectors will be widened in future by the newly developed configurations for LW 700 and MA 710. The new equipment along with the old will help meet the increasing requirements of users. The article describes the application of the new configurations and the technical solutions.

p. 189...192

Container conveyor and distribution facilities in postal buildings

M. Schenk, Berne

After a brief reference to the necessity of mechanized container exchange systems in the new large postal buildings, the concept is explained for container conveyor and distribution facilities in Basel 2 postal building. The different conveyor configurations as well as the construction of the control system are described. Besides, the author treats the operational and functional aspects of combined dispatching and receiving stations. He also deals with individual conveyor, stacker and transfer installations.

p. 193...194

The new alarm-clock equipment WA 490

H. Nägeli, Berne

In 1969, the first completely automatic alarm-clock equipment WA 49 was brought into service in the public telephone exchanges. Autophon Co. has just developed a new generation of alarm-clock equipment WA 490 to assure future requirements. The order carrying capacity of each alarm-clock rack was increased from 560 to 1500. The equipment is of modular construction and can be extended to a maximum of 20 racks. The operational trial was successfully completed with the first equipment in Zurich. The article conveys an overview on concept and construction of the new alarm-clock equipment WA 490.

p. 195...198

Customer information and counselling centres at the telecommunication district offices

W. Jenni, Berne

The PTT created information and counselling centres for customers at the telecommunication district offices during the last years. Thus, a connecting link is established between the public and the telecommunication district offices. However, customers in the rural areas have hardly any opportunity to take advantage of these offices. Therefore, temporary counselling centres are set up. Wherever proper localities are missing, mobile customer service can be employed. To meet this situation the telecommunication district offices have procured vans for customer service.

News Items

Telephone

A new **Natel C** network will be installed to extend the **mobile telephone** service. The system will be based on the 'Nordic mobile telephone' system in 900 MHz band. The type AXE 10 exchange will be procured for the voice switching, whereas different products will be allowed for the transmitting and receiving equipment.

After a trial run in Basel, Geneva and Zurich **3000 pay phone booths** will be gradually equipped from summer 1986 onwards with card readers for **cashless telephone** mainly in the big cities and tourist health resorts. The monetary value of the card will be increased from 10 to 20 Swiss francs. The card is coded in holograph. A long term solution is aimed and based on 'microprocessor chip' cards.

First experience with the **mobile customer service centres** in three telephone districts (Berne, Lucerne, Sitten) indicates that the public greatly appreciates these new possibilities of contact and that it really searches the dialogue with the district telephone offices.

A further section of **glass fibre cable** with 8 Mbit/s was installed between **Seon and Boniswil** in Canton Aargau.

Additional telephone circuits were established with **Ecuador** (2) and **Canada** (1) via Leuk earth station.

A capacity of **18 900 new subscriber stations** were procured with new equipment and extension facilities for the telephone exchanges in the first quarter of 1985.

The **Swiss telephone network** consisted of 114,430 (+2919) interoffice circuits, 81,276 (+2287) junction circuits, 52,110 (+2886) trunk circuits and 17,911 (+1228) international circuits at the end of 1984.

The **1000th electronic PABX ECS-400**, completely made in Switzerland, was handed over to the customer in **Geneva.**

Teleinformatics

Since 11 March 1985, the PTT has been offering a **second music telegram** with 'Cuckoo Waltz'. The first music telegram with birthday melody was introduced in February 1984.

Bureaufax service came into operation between **Switzerland and South Korea** on 1 March 1985.

Radio, Television

Switzerland and Austria discussed coordination of the **frequency plan effective from 1 July 1987** (Geneva plan for VHF/FM radio broadcasting 1984) so as to be able to utilize the plan early.

At the occasion of **Regional Administrative Radio Conference for the maritime mobile service and the aeronautical service** in certain parts of the MF band in Region 1 (25 February to 15 March), the Swiss position was maintained with respect to aeronautical beacon signal, implications of maritime frequency plan on the ship's radio equipment and compatibility with other services sharing the same band.