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Summaries and Notices

Summaries

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New Feed System for PTT Microwave Antennas in the 2.5 GHz Band

P. Hügli and M. Mutti, Berne

This paper describes the development of a dual polarized feed system to be used in parabolic antennas within the frequency range of 2.3 to 2.7 GHz. The components are designed in coaxial technique; the primary radiator is a short dipole. This principle enables the manufacture of a handy feed system equipped with coaxial connectors. The test results show that all required specifications are met.

p. 226...232

Construction of a Cable Subway for the Future Trunk Terminal of Fribourg-Les Places

F. Joliat, Fribourg

Construction work on the site of this trunk terminal had to be planned in such a way as to enable existing and new cables to be led into the building without any service interruptions. The article outlines the problems encountered and the solutions arrived at.

p. 233...241

Duct Systems for Telephone, Power and Lighting

P. Günter, Berne

The article describes the various underfloor and wall duct systems designed to meet the requirements arising from open-plan layout and movable partitions in modern office blocks and factory buildings. Details are given of a new system of underfloor ducts and floor outlets for telephones.

Posts

Postomats — machines enabling giro account holders to withdraw money at any time of the day or night — were installed in Zurich, Basle, Berne, Geneva and Lausanne in April. Access is by means of a Postomat card, which enables its owner to withdraw amounts up to a maximum of 500 francs in a 24-hour period. Over 21,000 applications for access cards were received before the date of introduction. The facility will be made available in further towns and cities shortly.

After a two-year experimental period, door-to-door delivery in Zurich became a permanent service on 1 May.

Telephone

Lower overseas call charges have been applied by Switzerland since 1 May. The reductions are 17 pc to the USA, Canada and Japan, and between 6 and 30 pc to 50 other extra-European countries.

Automatic telephone service to Thailand and Senegal was opened via satellite circuits on 1 May.

Direct circuits from Switzerland to **Abu Dhabi, Iraq, Senegal** and **Argentina** became available in early May.

By 20 May the Telephone Regions' enquiry and directory editing offices were connected to computer system **TERCO** by means of some 670 vdu terminals and 60 printers.

The PTT's recorded information service No 164, Sports News, will carry special reports, prepared in cooperation with a Zurich agency, on the World Football Championships in Argentina from 1 to 25 June.

The recently published telephone directory No 18 (Canton Grisons) is the first volume to feature advertisements for telecommunication services in its tail margins.

Telegraph, Telex

On 1 May the PTT extended binary charging to its overseas telegram service. Under this system, which provides for a fixed charge and a reduced word charge according to tariff zone, the customer achieves savings of about 5 pc on average.

On 1 June Switzerland reduced by up to 25 pc her charges for telex calls to Israel, Japan, New Zealand and another 28 extra-European countries.

Telex subscriber dialling was made available to South Korea on 1 May, and to Gabon, Niger, Upper Volta and Senegal on 1 June.

Receiving terminals connected to **private-wire broadcast networks** in Switzerland rose from 1760 to 1903 last year (1104 teleprinters, 763 data sets, and 36 VDU's).

Radio, Television

Mt-Gibloux multipurpose station opened on 13 April. This new microwave radio relay base links the CATV supply networks of Switzerland's German and French language regions and enables them to exchange broadcasts from neighbouring countries. At the same time, it serves as a distribution centre for feeder links to CATV systems.

Miscellaneous

'The Swiss Telephone Network' is the title of the latest telephone operator training course prepared by PTT Telécommunication's team of programmers.

A completely revised edition of the Federal Low Current Regulation of 1933 became effective on 1 May 1978. It is worded in such a way as not to impede technical development.

On 2 May, Neuchâtel Telephone Directorate inaugurated its new customer information centre.