

Zeitschrift: Technische Mitteilungen / Schweizerische Post-, Telefon- und Telegrafienbetriebe = Bulletin technique / Entreprise des postes, téléphones et télégraphes suisses = Bollettino tecnico / Azienda delle poste, dei telefoni e dei telegrafi svizzeri

Herausgeber: Schweizerische Post-, Telefon- und Telegrafienbetriebe

Band: 51 (1973)

Heft: 8

Rubrik: Summaries and notices

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Summaries

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TE 404 Coinbox Telephone

P. Guyer, Berne

This new Swiss coinbox telephone, introduced at the beginning of 1973, features period pulse metering, requires no exchange equipment and is insensitive to polarity. Although being intended mainly for places with a large proportion of local calls, it also enables trunk calls to be made. The article describes the design, functioning, installation and operation of this apparatus, manufactured by Sodeco Ltd, Geneva.

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New Power Plant for Multipurpose Stations Säntis and Mont Pélerin

J. Meier, Berne

The author first explains the significance of PTT high-altitude multipurpose stations as important constituents of the Swiss telecommunication network. Having briefly dealt with the selection of sites for these stations, he outlined the requirements to be met by their special power plant, at the same time describing the problems of energy supply, conversion, distribution and storage. Finally, building and accommodation aspects are mentioned.

p. 349...355

Switching Selector for Telegraph Circuits

H. Christen, Berne

The Swiss PTT switching selector described in this article is an electronic device capable of routing teleprinter messages from a common input line to a number of outgoing lines, or from several input lines to one outgoing line, and performing certain remote-control functions. The unit, which works with either 40 mA single or 20 mA double current and telegraph speeds of 50,

75 and 100 bauds, is controlled by pre-determined, programmed characters of CCITT Alphabet No. 2.

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The New Model 70 Telephone Set

P. Guyer, Berne

This article introduces the new Swiss PTT model 70 telephone set. Improvements in design and transmission characteristics are described, and special mention is made of the magnetic microphone with integrated amplifier. Having explained the circuit diagrams, the author presents the proposed range of apparatus and attachments, at the same time commenting on their installation and connection.

25 local exchanges accommodating approximately 27,000 subscriber connections. As the most recent arrival, the network group of Faido (094) was fully converted to international subscriber dialling on 1 June.

For reasons of safety a temporary **microwave link** with 30 radiotelephone circuits was readied **between Obstalden and Amden (canton of St. Gallen)**. This link is to safeguard telephone service to Amden, which is threatened by a landslide.

Through **new installations and extensions, 38,710 supplementary subscriber connections** were set up in the **2nd quarter of 1973**, bringing the total number of new subscriber connections since the beginning of the year to 71,110.

Telegraph and Telex Services

On 12 June **telex service was introduced to the Cook Islands** via the Zurich trunk position, **as well as to the islands of St-Pierre and Miquelon**. In the telex service to **Saudi Arabia**, subscribers in Djeddah can now also be reached over **Radio Austria**.

Radio and Television Services

On 12 June the following **new transmitters** became operational: **Seewen SO** (channel 9) and **Ziefen** (channel 37) for the TV programme in German; **Wallbach** (channel 54) for the TV programme in French, and **Läufelfingen** (channel 57), **Liestal** (channel 43), **Sissach** (channel 34), **Wallbach** (channel 57), **Vaulruz FR** (channel 60) for the TV programme in Italian.

Miscellaneous

By the end of May approximately 187,000 square meters of land had been purchased for the erection of the Swiss **satellite earth station near Leuk**. At the middle of June, work started on the assembly of radio-electric equipment, while the installation of the power supply plant was well under way.

News Items

Postal Service

By moving parcels up to 2.5 kg in wheeled containers instead of in bags, it has been possible to simplify work in the Sihlpost centre in Zurich and to employ female staff for handling such parcels. As a result of this innovation, about 1000 fewer bags need now to be handled per day.

Telephone Service

The **new model 70 desk telephone set** will be available not only in the standard grey finish, but, against payment of an additional charge, in an **orange, red, or cream finish** as well.

Biel is the 6th Swiss town to have received an automatic **morning alarm call facility**, which can be used by 1680 customers. Similar facilities are in operation in Solothurn, Zurich, Basle, Geneva and Rapperswil.

In the second quarter of 1973, **international subscriber dialling** was introduced in