

Zeitschrift:	Technische Mitteilungen / Schweizerische Post-, Telefon- und Telegrafenbetriebe = 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 Telegrafenbetriebe
Band:	54 (1976)
Heft:	5
Rubrik:	Summaries and notices

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Summaries and Notices

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The «Construction System 72» for Line Equipment

Roman Ritschard, Berne

In 1969 it was decided to develop a new packaging format for line equipment. To this end a project organization was created which, after 4½ years of intensive activity, has come up with an end product whose main features are described in the present article. In conclusion a balance sheet, as far as this is possible at this early stage, is drawn up.

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Mechanical Design Specification for the «Construction System 72»

Jean-Pierre Bögli, Berne

The basic element of the mechanical design specification is a grid based on the inch as the unit length. The systematic application of this unit of length to various units, e. g. frame, base of frame, shelves, shelf units and plug-in units, is demonstrated. Furthermore, the relationship between mechanics and cable connecting technique as well as appearance considerations are dealt with.

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The Power Supply in the «Construction System 72»

Jean-Frédy Bütikofer, Berne

The author describes the power supply concept for the CS72 and the main electrical requirements of the individual system parts.

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Alarm System Concept in the «Construction System 72» for Line Equipment

Julius Ruckstuhl, Berne

In the specification for the «Construction System 72» (CS72) the problem of equipment supervision and alarm signalling had to be solved as well. The alarm concept used in the amplifier installations of the CS62 has proved so successful that no fundamental changes were deemed necessary. Therefore, it was possible to come up with a bay alarm system for CS72 such that it allowed the interconnection of the new alarm circuits with the existing equipment without interfacing problems. The bay alarm equipment CS72 uses standardized shelf units brought together on a central signalling and control board.

News Items

Posts

In 1975, **Swiss postal business per head of population** was 169 letters and postcards, 113 addressed items of printed matter, 163 newspapers and periodicals, 21 parcels, and giro transactions to the amount of 125,000 francs.

A new **advertising campaign**, backed by TV commercials, was launched for **Postal Giro accounts** in March.

Telephone

Swiss subscribers last year made an **average of 783 calls**, viz 439 local, 322 trunk and 22 international calls.

By the end of 1975, Swiss PTT was operating 139,156 (+8524) **junction circuits**, 37,670 (+1035) **trunk circuits** and 8083 (+1301) **international lines**.

In the 1st quarter of this year, **international subscriber dialling** was made available in **6 exchanges serving 8093 lines**.

Swiss subscribers last year used **ISD facilities** on 90.9 pc of their international calls (251.77 m out of 276.72 m chargeable minutes).

Twelve satellite channels have been opened to **Iran**, which is the sixth direct link via Switzerland's earth station at Leuk.

The new recorded information service on trade fairs and exhibitions, available over No 188, was extended to telephone regions **Zurich** and **Geneva** in March.

«Don't damage this telephone, it may save lives!» This is the message, in German, of a sticker now confronting potential vandals in **public kiosks throughout St. Gall Region**. It remains to be seen whether the effect of this appeal will – in some cases at least – be stronger than the urge to smash handsets, cut cords and tear up directories.

Telegraph, Telex

In 1975, Swiss PTT handled **51 telegrams for 100 population**. **Telex** subscribers used their stations for an **average of 60.25 h**. Inland calls accounted for 28.5 h and international calls for 31.75 h.

Telex service to the Republic of Nauru has been opened via Zurich and Hong Kong.

«EURONET», Europe's first standardized data communication network, is to come into operation between the EEC member countries in 1977.

Radio, Television

In March the **Swiss television network** was enlarged by 19 translators in 9 different stations, located in cantons Aargau, Bern, Neuchâtel, Ticino, Valais and Vaud.

PTT radio and TV technicians last year inspected 1889 newly installed **private outdoor aerial systems**. Of these, 484 (26 pc) did not meet the safety requirements and had to be removed or brought up to standard by the owners.

Miscellaneous

The **4th International Zurich Seminar for Digital Communications**, from 8-12 March, was attended by some 600 experts from home and abroad.

The **Swiss satellite earth station** at Leuk will shortly be opening a **public exhibition room** where visitors will be shown the layout and functioning of the station as well as the operation of satellite links.