

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:	71 (1993)
Heft:	5
Rubrik:	News Items

Nutzungsbedingungen

Die ETH-Bibliothek ist die Anbieterin der digitalisierten Zeitschriften auf E-Periodica. Sie besitzt keine Urheberrechte an den Zeitschriften und ist nicht verantwortlich für deren Inhalte. Die Rechte liegen in der Regel bei den Herausgebern beziehungsweise den externen Rechteinhabern. Das Veröffentlichen von Bildern in Print- und Online-Publikationen sowie auf Social Media-Kanälen oder Webseiten ist nur mit vorheriger Genehmigung der Rechteinhaber erlaubt. [Mehr erfahren](#)

Conditions d'utilisation

L'ETH Library est le fournisseur des revues numérisées. Elle ne détient aucun droit d'auteur sur les revues et n'est pas responsable de leur contenu. En règle générale, les droits sont détenus par les éditeurs ou les détenteurs de droits externes. La reproduction d'images dans des publications imprimées ou en ligne ainsi que sur des canaux de médias sociaux ou des sites web n'est autorisée qu'avec l'accord préalable des détenteurs des droits. [En savoir plus](#)

Terms of use

The ETH Library is the provider of the digitised journals. It does not own any copyrights to the journals and is not responsible for their content. The rights usually lie with the publishers or the external rights holders. Publishing images in print and online publications, as well as on social media channels or websites, is only permitted with the prior consent of the rights holders. [Find out more](#)

Download PDF: 07.01.2026

ETH-Bibliothek Zürich, E-Periodica, <https://www.e-periodica.ch>

News Items

Telephone

The *SDH pilot installation Sybnet* of the synchronous basic communication network was put into operation the beginning of March. It is thus available for tests. The pilot installation was set up in the Lausanne telecommunications office in a ring configuration which connects the transmission offices of Savoie, Rennens, Valency and Ecublens with a transport capacity of 622 Mbit/s via optical cable installations. The construction was the task of *Siemens-Albis* as general contractor, while *ECI* (Israel) delivered the network nodes with the corresponding management system. Sybnet is connected with the pilot installation of the *Syanet* synchronous connection network in the Ecublens transmission office which is accessible to the federal institute of technology and the University of Lausanne via glass fibre connections. Via Syanet and Sybnet respectively paths with different transmission capacities for narrow and broad band services can be supplied by computer control and thus in a flexible way. In this early phase and in close cooperation with the industry, decisive basics are to be gained with the both pilot installations for the design of the future SDH transport network. Thereby the tests of the network management aspects and the protection circuit concepts are in the foreground.

Twelve further *Natel C* base stations were put into operation and 18 base stations set up for *Natel D GSM*.

On the occasion of the Geneva International Motor Show, the *Natel D GSM* digital mobile telephone system was officially introduced in Switzerland. The PTT Telecom was represented at the Salon with a booth at which the visitor was given advice and subscriptions could already be concluded. At the booths of 15 suppliers of *Natel* equipment, one could test as well as buy the different models of *GSM* mobile equipment. The toll free number 155 64 64 was put into operation on 1 March together with the commercial introduction of *Natel D GSM*. Via this number interested persons can receive information about *Natel* and *Telepage* and the corresponding documentation can be ordered. Depending on network areas the call will be passed on to one of the *Mobilcom Info Centres* in Olten, Lausanne or Bellinzona.

Teleinformatics

23 digital lease lines ($18 \times 64/56$ kbit/s, 4×128 kbit/s, 1×512 kbit/s) and one analogue lease line were put into operation by the *lease line control centre* (MLKZ).

On 1 March, the *Telepac data network* was connected world wide with 105 countries in which 170 networks with a total of 229 different Data Network Identification Codes (DNIC) can be reached.

Radio, Television, Radiocommunications

Three *FM broadcasting transmitters* were definitely put into operation on the *Melchtal* station. They supply this same place with the DRS 1 (93.3 MHz), DRS 2 (90.5 MHz) and DRS 3 (95.3 MHz) programmes.

Both the temporary microwave radio link of *Mauborget – Onens* and *Bernex – Pernay* were put into operation with a capacity of 4×2 Mbit/s each. Both links serve as feeder of *Natel* base stations and will remain in operation until the end of 1993.

A new 140 Mbit/s microwave radio link *Brig-Zermatt* was put into operation within the framework of the 'Network 2000' concept.

The following satellite connections were set up in the *Intelsat* network via the *Leuk* satellite earth station: one connection each of the IDR type (Intermediate Data Rate) at 2,048 Mbit/s with *Kuwait* (60° east), *Chile* and *Israel* (both 335.5° east) as well as two voice circuits of the FDMA type (Frequency Division Multiplex Access) with *Argentina* (335.5° east).

La Chaux (Cossigny), *Malix*, *Merishausen*, *Müllheim* and *Thayngen* have been made accessible with one transmitter each for *Telepage Swiss* (formerly called local call B).

Miscellaneous

The results of the project *Information Strategy Planning (ISP)* for the PTT Telecom concerns the presentation of the demand for information, the definition of

the core performance processes, the development of the data model and the application architecture with the application modules for the PTT Telecom. The strategy will be implemented within a 5 year's plan. Important decisions have been set with the begin of the 'Basic Customer System' and 'application cluster TEDIS/ISLK/T2.1/CURU' projects.

The 15th conference of the ETSI work group *RES 2* (equipment specifications for the land mobile radio service) took place in *London*. At the conference standards on technical specifications for the land mobile equipment with analogue voice, data transmission and integrated antenna as well as a recommendation for technical specifications on measurement uncertainties were cleared up to a great extent.

The technical committee *TM* of ETSI met in *Rapperswil*, chaired by the Swiss PTT. Various standards, among others for *ISDN*, were adopted and objections dealt with. An important standard for the availability of the transmission network had to be refused for urgent revision. One subject constituted the conversion of the recommendations of the *SRC4* committee, 'ETSI Strategic Review Committee', in the standardization work. This consisted of leading persons of European telecommunication enterprises and dealt with the standardization in public networks.

The 8th meeting of the European Radio Committee (ERC) took place in *Bonn*. It was agreed upon that from now on the ERC should also adopt decisions which have a more binding character than pure recommendations. Thus it is planned that corresponding EC guidelines will be amended by ERC decisions which are also valid outside the EC. Among others the following ERC decisions and recommendations were adopted at the meeting: the decision about the digital short range radio DSRR as well as the recommendations about the provision of a harmonized frequency band for future security applications, about terrestrial based digital audio broadcasting T-DAB, about harmonized test procedures for marine radio certificates, about the free circulation of *TRAK-SAT* terminals and about the free circulation of *Inmarsat M* terminals.