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(ITU) للاتصالات الدولي الاتحاد في والمحفوظات المكتبة قسم أجراه الضوئي بالمسح تصوير نتاج (PDF) الإلكترونية النسخة هذه والمحفوظات المكتبة قسم في المتوفرة الوثائق ضمن أصلية ورقية وثيقة من نقلاً

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Synchronization by means of a frame alignment signal within an incoming pulse frame is done according to CCITT Recommendation G.732. Each channel time-slot can be chosen for the purpose of providing the 8-bit PCM code word contained therein, and a LED display indicates its presence. At a digital readout the maximum PCM code word contained in the channel time slot can be displayed selectively for either positive or negative PCM code words.

Additionally, outputs are available for auxiliary external evaluation tasks: an 8-bit parallel output with the PCM words of the chosen channel time-slot and an output for counting the number of lost frame alignment signals.

It is also possible to remotely control the PDA-1. — WG.

(Wandel und Goltermann, Postfach 259, D-7410 Reutlingen (Federal Republic of Germany)—Telephone: 07121/8441—Telex: 0729-833 wug d)

Voice frequency telegraph equipment

□ A radically new voice frequency telegraph (VFT) equipment, using digital integrated circuit techniques throughout, is announced by Marconi Communication Systems Limited.

The H5030 supersedes the H5000 series. Designed in accordance with CCIR recommendations, the new equipment can accommodate up to 8 two-tone or 16 frequency-shift keyed (FSK) 100-baud telegraph channels in a bandwidth of 3 kHz.

The equipment is completely modular in construction and is extremely compact. Eight two-tone or 16 FSK transmit channels are housed in a single 221 mm high, 438 mm wide standard rack-mounted shelf. A similar shelf houses either 8 two-tone or 16 FSK single-path receive channels. Included in each shelf are a common unit and power supply.

Interconnection is by mother board into which are plugged the transmit or receive channel cards. All the transmit channel cards are identical and all the receive channels are identical. Channel frequency determination is by a coded plug on the mother board; hence, once a channel frequency has been selected, any channel card inserted in that position will automatically function on the selected frequency.

Single-path and dual-path receive versions are available for both the two-tone and FSK systems. Automatic attenuators are provided in the transmit equipment which maintain the correct modulation level irrespective of the number of channels in use.

The equipment is easily installed and simple to operate and maintain.—Marconi.

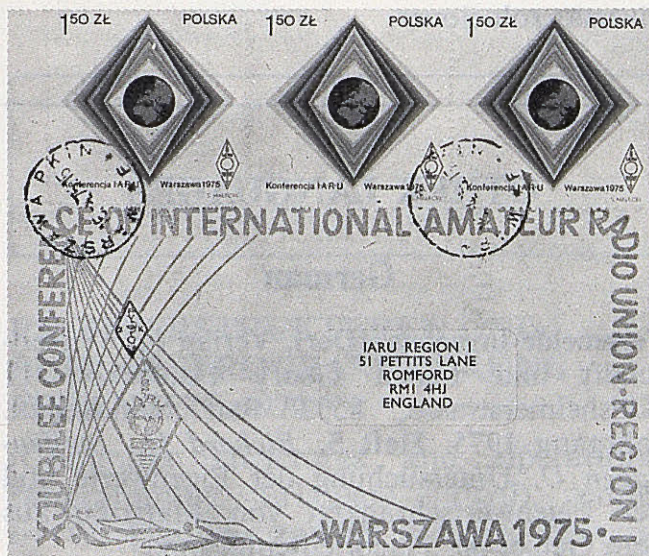
(Marconi Communication Systems Limited, Chelmsford CM1 1PL, Essex (United Kingdom)—Telephone: Chelmsford 53221—Telex: 99201)

radio amateurs

News

IARU Region 1 Conference Commemorative stamp

□ To celebrate the tenth Conference of the Region 1 Division of the International Amateur Radio Union (IARU), which was held in Warsaw from 14 to 18 April (see



Telecommunication Journal, July 1975, pages 434-435), the Polish Postal Administration issued a commemorative 1.50 zloty stamp on 14 April 1975. — IARU Region 1.

United Kingdom Amateurs celebrate World Telecommunication Day

□ A station was set up at Tonbridge School, Kent (United Kingdom) to celebrate World Telecommunication Day 1975 and to effect communications with other stations in different parts of the world which had been established for the

same purpose. Shown in our photograph are (standing) left to right: Stephen Lewis (G8KFE) and R. J. Hughes (G3GVV) who was responsible for setting up the station, and (seated) Robert Mitchell (G8JZA) and Timothy Trew (G8JXV). The call sign used was GB2ITU and the station was active on the amateur bands between 3.5 and 21 MHz. — *International Amateur Radio Union, Region 1.*



(Kent & Sussex Courier)