bars on chs.E23/E39 with the identification "KRS 3." The signal was described as strong from an easterly direction. It has been identified as a line test/ident signal from King's Reach, London Weekend Television. Normally the signal passes over GPO lines between programme originating sources, studio centres and transmitters and is not transmitted! It seems however that this one was transmitted and despite the early hour was received by a vigilant DX enthusiast.

# **EBU Listings**

## France

Marseille-Grande Etoile. ORTF-3 ch. E26 1000kW. Metz-Luttange. ORTF-3 ch. E31 1000kW. Avignon-Mt. Ventuox. ORTF-3 ch. E39 300kW. Amiens St. Just. ORTF-3 ch. E44 500kW.

#### Sweden

Oeverkalix. TV2 ch. E45 1000kW.

(NE of Boden near the Finnish border). The polarisation in each case is horizontal.

### News

Hungary: Good news, MT has been noted using the PM5544 card recently but with an identification—"MT" in the upper black rectangle and "B'pest" in the lower black rectangle (thanks Hugh Cocks).

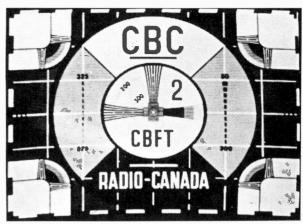
Switzerland: The three Band I transmitters—Bantiger, Utilieberg and La Dôle on chs.E2, 3, 4 respectively—are to have new transmitters installed! These have been ordered from a UK manufacturer and will operate in "main reserve configuration with automatic change-over facilities." The transmitters—two 10kW pairs for each site—will be installed during 1974.

Yugoslavia: We mentioned recently that a new transmitter was operating from Mt. Pellister in Macedonia, Yugoslavia. This is a Band I unit and operates on ch. E4. The transmitter is a 5kW type but the e.r.p. isn't yet known. It is expected to be around 40-50kW e.r.p. Consequently this must be well received during good Sporadic E conditions. As it only came into operation in late August it may not have been (knowingly) received at long distance.

Jordan: In addition to the expansion of PAL colour in this country's television system new transmitters are being planned. A south-bound radio link is being constructed to Aqaba. This will serve three transmitters. To the North of Amman a 10kW e.r.p. transmitter is being constructed at Irbid (channel not known) and will provide dual-language programmes. Negotiations are also in hand with Iraq and Syria concerning programme exchange.

Holland: As from January 1st, 1974 the PM5544 card will be used by NOS. This will carry the identification "Nederland 1" (or "2") in the lower black rectangle. On weekdays it will be radiated between 0915-20 minutes before programme. Between 0900-0915 transmitter news will be radiated and from 20 minutes to zero programme start the PM5544 will be interspersed with the PM5522 colour blockboard (times local/CET). In passing, Dieter Scheiba notes that NOS have been seen to use the 12 vertical stripes (as used extensively by TVE) at times.

Belgium: With the introduction of BRT-1 and BRT-2 services the following information has come to hand: BRT-1 radiates from: Aalter E2; Antwerp E2; Wavre E10; Brussels E11; Genk E44; Oostvleteren E49.



Canadian Broadcasting Corporation (CBC) CBFT Montreal (French network) test card. Courtesy CBC.

BRT-2 radiates from: Wavre E25; Egem E43; Brussels E48; Schoten E62.

BRT-1 is still in monochrome. The PM5544 test cards have for the most part remained the same as before although occasionally alternative patterns have been noted with "TV1" or "TV2" on. The RTB (French) service isn't likely to start a second network before 1975

West Germany: WDR-1 has now largely dropped the Telefunken T05 test card and uses the FUBK electronic type instead. This may present identification problems.

## Pirate TV

Attempts have been made from time to time to transmit TV programmes from international waters (and indeed international air space!). The following news has just come in from the Europese Testbeeld-jagers. A Belgian millionaire involved with Radio Atlantis is reported to be about to start a television service from the North Sea. This will be a commercial venture—a sales company at Zwijndrecht, Holland is trying to sell air time for the pirate. It is rumoured that the transmissions are to start in approximately mid-December from an old Japanese war vessel. A



Television Nacional De Chile, Santiago, test card. Note the similarity to the French (ORTF) test card. Courtesy Keith Hamer.