looped back to the channel output through the tributary interface unit. This loop shall be accomplished as close as possible to the TDM central logic."

3.Modify § 5.3 as follows:

5.3The control of loops a, b, c and d should be supervised by a time-out function. The time-out function shall automatically open the loop after a specified time period, measured from the closing of the loop. The length of the time period should be chosen from time intervals 5, 20 or 40 seconds by bilateral agreement between administrations.

The operation and test procedure for loop f to h is a national matter.

4.Modify § 6.2 as follows:

6.2Alternative B

When maintenance facilities do not use control signal according to Recommendation U.12, the signalling characters on the maintenance channel selected must conform to International Alphabet No.5 (IA5), with an even parity check (Figure 6/R.115).

FIGURE 6/R.115

Control signalling format

1)Replace Figure 1/R.115 by the following:

FIGURE 1/R.115 A RECUPERER

2)Replace existing paragraphs 3.5 and 3.6 by the following:

"3.5Loop f - tributary analogue loop

This loop is a one-way loop (see Figure 2/R.115). With this loop, the tributary signal to be sent to the subscriber is looped back towards the multiplex system. This loop shall be accomplished at the subscriber line interface and shall include as many parts of the tributary interface unit as possible. As long as the loop is set the subscriber connection is interrupted.

3.6Loop g - tributary digital loop towards the MULDEX

This loop is a one-way loop (see Figure 2/R.115) with the output polarity towards the tributary interface unit strappable to A or Z polarity. Through this loop the channel data as received from the aggregate is looped back to the aggre-gate towards the distant TDM equipment. This loop shall be accomplished as close as possible to the internal tributary interface which can be located on the tributary interface unit or in the TDM central logic.

3.7Loop h - tributary digital loop towards the tributary inter-face unit

This loop is a one-way loop with the output polarity towards the MULDEX-part of the given channel strappable to A or Z polarity. Through this loop the channel data at the tributary input is