Source: F, FRG, 1, NL, S, UK

Titel: Draft recommendation for a videophone codec
         at mx64 kbit/s

1. Brief specification

1.1   Video input/output
      according to Rec. CCIR 601

1.2   Digital output/input
      The digital output and input are at mx64 kbit/s
      (m = 1 or m = 2)

1.3   Coding techniques
      for further study

1.4   Data channels
      for further study

1.5   Error correction
      for further study

1.6   Additional facilities
      for further study

1.7   Video codec delay
      less than 250 ms

2. Source coder

2.1   Source format
      The format to be coded is 288 lines and generally a
      minimum of 10 (9.97) Hz, non-interlaced pictures per
      second.

      Luminance sampling structure:
      288 lines per picture, 360 pels per line, orthogonal
      sampling arrangement.

      Colour difference sampling parameters are:
      144 lines, 180 samples per line, orthogonal

2.2   Video coding algorithm
      for further study   .

3. Video multiplex coder

3.1   Video multiplex arrangement
      simple relationship with the videoconference codec
      nx384 kbit/s

3.2   Multipoint considerations
      for further study

4. Transmission coder

4.1   The transmission coder assembles all data and
      interfaces to the digital line transmission
      system.

      The data rate is
                mx64 kbit/s   where   m = 1 or m = 2

4.2   Framing structure

      Video for further study
      Audio signaling should be based on CCITT Y. 221

4.3   Audio
      As per CCITT Draft Rec. G 72x   Type 2 terminal
      other arrangement (e.g. 16 kbit/s)
      for further study

4.4   Error handling
      for further study

4.5   Encryption
      for further study

4.6   Data transmission
      for further study

4.7   Network Interface
      As per CCITT Draft Rec. 1 430-I 450, high layers
      protocol
      for further study

Note: Very important is that the videophone service
        is compatible with other audio and visual services.