

TITLE: Short term PSTN videotelephone standardisation

SOURCE: UK, F, I, DK, G, B, NL, S

Considering the growing market interest in videotelephones on PSTN, it is appropriate to develop standards complementing those already defined for ISDN, in a rather short period of time (draft proposal by summer 1993).

In this short term approach it is suggested to proceed as follows:

- not to develop a specific ISDN teleservice because of the severe impact on the network

- not to go below the value of 9.6 kbit/s for the total bit rate

- not to introduce a maximum bitrate

- derive the video algorithm directly from H.261; in order to maintain a reasonable quality the picture format can be less than QCIF (close to 1/8 or 1/9 CIF)

- restrict the speech coding to a low value around 5 kbit/s in order to maintain a sufficient bit rate for the video component

- quickly compare time multiplexing approach versus packet technique for framing

- start with existing V.32 bis/V.32 modems at 14.4 kbit/s (9.6 kbit/s fallback).