

Title: CLARIFICATION AND SUGGESTIONS ON PROFILES

Source: F, UK, B, I, N, G, NL

Purpose: Discussion

The definition of profiles was given at the MPEG London meeting in November 92 and some refinements on levels were provided in a Cliff Reader E-mail (16 Dec 92).

Assuming that H.26x/MPEG2 is a tool box and that profiles are "algorithms" adapted to applications using elements from the tool box, some clarifications are needed:

- is a profile a standard?
- is a profile limited to video?
- is it envisaged to define separate profiles for audio and system?
- could H.22x be part of a profile?

However we recognise that we need to define some Telecom profiles. In order to get better understanding we describe hereafter two profiles as a basis for discussion. The requirements for those two Telecom profiles should be as follows:

1 - Telecom profile for conversational applications:

- International profile
- Low delay (without B frames)
- Interworking with H.320
- Cell loss resilience
- Applicable at low bit rates

2 - Telecom profile for retrieval services

- International profile
- Interworking with MPEG1
- Cell loss resilience