

ITU Telecommunication Standardization Sector
Study Group 15
Experts Group for Video Coding and Systems in
ATM and Other Network Environments

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SOURCE : Japan
TITLE : Picture Format for H.32X
PURPOSE: Proposal

1. Background

We suspended discussion about the picture format, because this specification is outside of H.26X. But we must determine it for H.32X.

The result of our evaluation and discussion on this subject is summarized as follows:

We examined the possibility of a common picture format used for both inter/intra-regional communications, but we could not find any common picture format in which conversion (local <-> common) error is smaller than coding error.

Therefore,

2. Proposal

For some high quality intra-regional communications services

- * H.32X include respective local formats.

For inter-regional communications,

H.32X possibly make necessary format conversion at the decoder side but to automatically guarantee and interwork without knowledge of the remote side region

- * H.32X include some mandatory common format(s).

note) this solution may also help multipoint communication.