

SOURCE : Japan  
TITLE : Japanese contributions related to H.32X specifications  
PURPOSE : Information

-----

## 1. Introduction

Many audiovisual services will be realized via B-ISDN. It would be better if one generic terminal can cover all audiovisual applications. Therefore we should try to make H.32X standard to be generic. However, in the light of lacking clear application possibilities, the discussion about H.32X standard has been suspended refer [1]. Then we have analyzed and discussed the following three applications as being typical in ATM environments;

- High quality videoconferencing
- Audiovisual communication using WS
- Broadcasting including CATV

As a result we contribute three terminal specifications and three multimedia multiplex/AAL specifications that are dependent on three applications. We would like to discuss H.32X specifications based on the these documents.

## 2. Contributions

We analyzed three audiovisual applications and contribute six documents as follows;

- High quality videoconferencing
  - Terminal specifications for high quality videoconferencing ; AVC-608
  - Multimedia multiplex/AAL for high quality videoconferencing ; AVC-609
- Audiovisual communication using WS
  - Terminal specifications for audiovisual communication using WS ; AVC-610
  - Multimedia multiplex/AAL for audiovisual communication using WS; AVC-611
- Broadcasting including CATV
  - Terminal specifications for broadcasting including CATV ; AVC-612
  - Multimedia multiplex/AAL for broadcasting including CATV ; AVC-613

Note; AVC-610 and AVC-612 describe only the difference from AVC-608.

## 3. Discussion

Some of the specifications are application dependent. Therefore we should discuss how to make H.32X to be generic. One approach is to include all specifications in H.32X standard. The other approach is to define several subsets that are sufficient for 'application profiles'. The former approach provides a generic terminal that can be used for all applications but the terminal may become huge.

## 4. Conclusion

We contribute six documents that describe the terminal specifications and multimedia multiplex /AAL for three audiovisual applications. On the basis of on these documents we would like to discuss how to structure Recommendation H.32X.

## Reference

- [1] AVC-598R REPORT OF THE FOURTEENTH EXPERTS GROUP MEETING IN DAEJEON AND SEOUL(RAPPORTEUR), Section 6 Nov. 1993