

CCITT SGXV
Working Party XV/1
Experts Group for ATM Video Coding

Document AVC-311
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SOURCE : SWP XVIII/8-3

TITLE : Proposed Liaison to CCITT SG XV ATM Video Coding Experts Group,
CMTT/3, CCIR IWP 11/9, CCIR 11B and ISO/IEC JTC1/SC29/WG11
(for information and action)

SUBJECT: Our IVS activities

CONTACT: Special Rapporteur SWP XVIII/8-3 (Services, IVS and AAL 1/2)
Mr. K.YAMAZAKI
KDD R&D Labs.
2-1-15 Ohara, Kamifukuoka-shi
356 JAPAN
FAX:+81 492 66 7348- 7310
E-mail:yamazaki%sun1.kddlabs.co.jp@uunet.UU.NET

Editor IVS Baseline Document
Mr. Dennis M. Dorman
AOTC
11/172 William Street
Melbourne, 3000 AUSTRALIA
FAX:+61 3 634 6566

The IVS Baseline Document, June 1992 updated version, is attached which incorporates the latest results of SG XVIII studies of relevance to IVS and comments made by IVS groups. SG XVIII will submit the 1992 version of B-ISDN Recommendations to CCITT Plenary Assembly for approval. I.211 section 3 "video services and coding aspects" is advanced according to the results of studies based on the 1990 Recommendation and agreements reached so far between SG XVIII and coding groups involved in IVS studies. New text introduced comes mainly from the IVS Baseline Document Annexes 4 and 5 with a little modification for consistency and better readability.

Information exchanged between us has provided a firm basis for making progress in standardization activities of each group. Therefore, we believe that the IVS Technical Session, which was originally proposed at the Tokyo IVS ITU Coordination Meeting and was confirmed at the SG XVIII Melbourne meeting, will be significantly useful for promoting further mutual understanding and for achieving an optimized association between network and coding techniques. We propose two days meeting on 26 (Mon.) - 27 (Tue.) October to take place (possibly in London) taking account of schedule of coding groups (SG XV, CMTT, CCIR and MPEG) meetings.

The focus of the IVS Technical Session should be on coding and network issues. Participation should be limited to around 40 people to facilitate fruitful technical discussions. The chairman of the IVS ITU Coordination Meeting (Mr. Andrew M. Day) will arrange invitations to chairmen of the appropriate groups.

ANNEX : IVS Baseline Document [to be attached]

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AVC-311

Integrated Video Services (IVS) Technical Session

(26 - 27 October 1992)

Draft Agenda

Day 1 : 26 (Mon.) October

- | | | |
|-----------------|--|---|
| 09:00 | 1. Introduction | Mr. A.M. Day |
| 09:30 | 2. Objectives and Progress on IVS | Mr. A.M. Day |
| 10:00 | Coffee break | |
| 10:30 | 3. Progress and timetable of studies
(including scope and objectives of each group for introduction)

(presentation by each group) | CCITT SG XVIII
CCITT SG XV
CMTT/2&3
CCIR SG 11B
CCIR IWP 11/9
ISO/IEC MPEG |
| 12:30 | Lunch break | |
| 13:30 | 4. Network capabilities to support IVS
(seeking items of urgent study for IVS)

4.1 Overview
4.2 ATM layer and VP/VC networking
4.3 AAL type 1/2
4.4 Timing issues (incl. SRTS & access network aspects)
4.5 Resource management (incl. CLP)
4.6 Performance issues
4.7 Multimedia support (incl. signalling aspects) | CCITT SG XVIII |
| 15:00 | Coffee break | |
| 15:30 | Network capabilities to support IVS
(Continued) | |
| 17:30 | Close of day 1 | |
| Evening session | 5. Discussions on specific network issues when required (may be informal) | |

Day 2 : 27 (Tue.) October

09:00	6. Coding for ATM based networks	CCITT SG XV ISO/IEC MPEG CMTT/2&3 CCIR SG 11B
	6.1 CCITT SG XV	
	6.2 ISO/IEC MPEG	
	6.3 CMTT/2&3	
	6.4 CCIR SG 11B	
11:00	Coffee break	
11:30	7. Services and applications (particularly addressing service interworking/ integration and terminal compatibility)	CCITT SG XVIII CCITT SG XV CMTT/2&3 CCIR SG 11B CCIR IWP 11/9 ISO/IEC MPEG
	7.1 Network viewpoints (CCITT SG XVIII)	
	7.2 Interactive (CCITT SG XV)	
	7.3 Distribution (CMTT/2&3, CCIR 11B)	
	7.4 HDTV (broadcasting and non-broadcasting) (CCIR IWP 11/9)	
	7.5 Retrieval and storage (CCITT SG XV, MPEG)	
	7.6 Audio-visual, multimedia or hypermedia (What is that ?)	
12:30	Lunch Break	
13:30	Services and applications (continued)	
15:00	Coffee break	
15:30	8. Future activities and action plan	Mr. A.M. Day
15:45	9. Summary and conclusions	Mr. A.M. Day
16:00	Closing	

Notes:

- The focus of workshop should be on coding and network issues.
- Participation to be limited to 40 people.
- Groups to be invited to send representatives: (Provisionally expected number of participants)

- CCITT SG XVIII	(8 - 10)*
- CCITT SG XV ATM Video Coding Experts Group	(10 - 11)
- CMTT/2&3	(7 - 8)
- CCIR SG 11B	(5 - 6)
- CCIR IWP 11/9	(3 - 4)
- ISO/IEC MPEG	(4 - 5)
- CCITT SG VIII ? (as observers from still image area)	(1 - 2)

Total (38 - 46)

* including A.M. Day, H. Seguin, D.M. Dorman, K. Yamazaki

- Work as one group, no breaking off into small groups
- Speakers are requested to use viewgraphs whose copies are distributed to participants. Written documents are also used as supplements.
- Particular speakers may be suggested to the various group chairmen, but it will be essentially up to them who they nominate.
- Relevant materials from SG XVIII viewpoints:
 - The report of the IVS ITU Coordination Meeting at Tokyo on September 1991
 - The IVS baseline Document of Geneva June 1992 version
 - Report of SG XVIII Geneva June 1992; particularly,
 - SWP XVIII/8-3 (Services, IVS and AAL type 1/2)
 - SWP XVIII/8-7 (ATM network resource management)
 - SWP Q.5/WP XVIII/6 (ATM network performance)