

15 May 1995

SOURCE: Stuart Dunstan, Siemens Ltd  
TITLE: List of open issues in H.222.1  
PURPOSE: Discussion and Proposal

No.	item	AVC reference	note
1	stream_id extension field	719, 740	Two proposals from Kamifukuoka: - map ITU-T stream_ids to media type and segment extension field into coding algorithm+ stream number (AVC-719) - one ITU-T stream_id and map 8 bit extension field to stream type during signalling (AVC-740)
	ITU-T stream type and media synchronisation		Is there a system clock associated with H.261 and audio?
2	frame synchronous signalling		Does the H.245 control channel (flow control + retransmission) provide suitably accurate synchronisation?
3	mode switching		H.222.1 says that mode switching is provided by multiplexing. Is additional signalling required?
4	ITU-T descriptors	788	Are ITU-T descriptors required in H.222.1 or does H.245 contain enough information?
5	Bit error correction + CDV compensation	743R Annex 7	H.222.1 SSCS
6	Relationship to RTI		
7	Additional mechanisms for deal with jitter reduction	735	
8	support of hierarchical coding in multiple channels	664	H.310 supports only MP. Presumably H.222.1 must be more generic. If hierarchical video is on separate VCs, must enhancement layers have SCRs/PCRs?
9	Support for H.245/T.120 in single VC case	TD19 (Kamifukuoka), H.222.1 Appendix II	What rules are required for carrying SSCOP/LAP protocols?
10	H.222.1 acknowledged signalling and repeated signalling		Can these procedures be mixed? Is this an option in H.245?
	Terminal types and acknowledged signalling procedures		When does a return signalling channel exist for terminal types A1 and B1?
	Additions to acknowledged signalling procedures	789	<ul style="list-style-type: none"> <li>- BGREJ and CAUSE values</li> <li>- ERROR signal and error codes</li> <li>- keep-alive function</li> </ul>
11	PDU coding and rules for acknowledged signalling procedures		<ul style="list-style-type: none"> <li>- exact method of coding requires review</li> <li>- require rules regarding CRC32 errors at decoder</li> </ul>

12	H.222.1 signalling and H.245		How do these recommendations relate?
13	encryption		Is H.233 relevant? Is the Conditional Access Table mechanism to be used in H.222.1?
14	Interaction with the different AALs.		How is each AAL used? Is text for AAL type 5 available from the ATM Forum?
15	Default logical channels		We have default audio/video coding modes. Is there any value in having default logical channels to match these coding modes?
16	Mandatory/optional functions		Are all functions in H.222.0 mandatory in H.222.1 and ATM?
17	Descriptor priority rules		May require review

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