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STANDARDIZATION SECTOR**

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**SG9-LS152  
STUDY GROUP 9**

**Original: English**

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(Ref.: [SG9-TD1317-R1](#))

**Source:** ITU-T Study Group 9

**Title:** LS/r on the new version of the Access Network Transport (ANT) Standards  
Overview and Work Plan (SG15-LS298)

### LIAISON STATEMENT

**For action to:** ITU-T SG15

**For comment to:** [REDACTED]

**For information to:** TSAG; ITU-T SG12, SG13, SG16, SG17, ITU-R SG1, SG5, SG6  
ETSI TC ATTU, IEEE 802.3, Broadband Forum

**Approval:** ITU-T Study Group 9 meeting (E-meeting, 24 November 2021)

**Deadline:** N/A

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**Keywords:** ANT Standards; Overview; Work Plan; Updates

**Abstract:** This liaison statement proposes revision of Access Network Transport (ANT) Standards activities in ITU-T SG9.

ITU-T SG9 would like to thank SG15 for informing us about the new version of the Access Network Transport (ANT) Standards Overview and Work Plan (Ref: [SG15-LS298](#)).

We have reviewed the liaison statement and would like to propose updates of the table on “Organization of ANT Relevant Standards by Transmission Medium and Technology”, and “5.2 List of ongoing standardization activities in the area of Access Network Transport in other groups within ITU and other Standard Developing Organizations”, which can be found in Table 1 and Table 2 highlighted in yellow.

SG9 invites SG15 to review the updates of the following three Tables.

Enclosed are the following tables for your consideration:

- Table 1 – Organization of ANT Relevant Standards by Transmission Medium and Technology
- Table 2 – 5.2 List of ongoing standardization activities in the area of Access Network Transport in other groups within ITU and other Standard Developing Organizations
- Table 3 – “Contacts” of the ANT Standards Work Plan

SG9 looks forward to keeping continued collaboration with SG15.

**Table 1 –Organization of ANT Relevant Standards by Transmission Medium and Technology**

**General Aspects (Gen. Asp.)** = General requirements, architecture and functions

**Medium:** F= Fiber; C= Coax; P= Twisted pair; A= Wireless

**Technology:** I= ISDN; D= DSL; G= G.fast; E= PtP; P= PON; H= HFC; W= Fixed Wireless Access and Satellite, incl HAPS ; L= PLC

Stds Body	Number	Title	Gen. Asp.	Medium				Technology							Public. Date	
				F	C	P	A	I	D	G	E	P	H	W		L
ANSI/ SCTE	ANSI/SCTE 23-1 2017	DOCSIS 1.1 Part 1: Radio Frequency Interface			X								X			2017
ANSI/ SCTE	ANSI/SCTE 23-2 2017	DOCSIS 1.1 Part 2: Baseline Privacy Plus Interface			X								X			2017
ANSI/ SCTE	ANSI/SCTE 23-3 2017	DOCSIS 1.1 Part 3: Operations Support System Interface			X								X			2017
ITU-T	J.198.1(J.HiNoC3- REQ)	Functional requirements for third-generation HiNoC			X								X			Consented 11/2021
ITU-T	J.382 (03/2018)	Advanced digital downstream transmission systems for television, sound and data services for cable distribution			X								X			03/2018
ITU-T	J.481 (ex J.cable-rf- ip)	Requirements of cable network for RF and IP secondary distribution of television programmes			X								X			Approval 04/2021
ITU-T	J.1106 (07/2017)	Requirement for radio over IP transmission system			X								X			07/2017
ITU-T	J.1107 (03/2018)	Architecture and specification for radio over IP transmission systems			X								X			03/2018
ITU-T	J.1108 (01/2019)	Transmission specification for radio over IP transmission systems			X								X			01/2019
ITU-T	J.1109 (01/2019)	Requirement for in-band full-duplex in a HFC based network			X								X			01/2019
ITU-T	J.1110 (J.fdx-fspec)	Requirements of cable network for RF and IP secondary distribution of television programmes			X								X			Consented 04/2021
ITU-T	J Suppl. 1 (11/1998)	Example of linking options between annexes of ITU-T Recommendation J.112 and annexes of ITU-T Recommendation J.83			X								X			11/1998
ITU-T	J Suppl. 2 (11/1998)	Guidelines for the implementation of annex A of Recommendation J.112, "Transmission systems for interactive cable television services" – Example of digital video broadcasting (DVB) interaction channel for cable television distribution			X								X			11/1998

Stds Body	Number	Title	Gen. Asp.	Medium				Technology							Public. Date	
				F	C	P	A	I	D	G	E	P	H	W		L
ITU-T	J Suppl. 3 (11/1998)	Guidelines for the implementation of Recommendation J.111 "Network independent protocols" – Example of digital video broadcasting (DVB) systems for interactive services	X		X								X			11/1998
ITU-T	J Suppl. 5 (09/1999)	Guidelines on the use of some ITU-T Recommendations in the J series	X		X								X			09/1999
ITU-T	J Suppl. 10 (04/2020)	Correspondence Between CableLabs DOCSIS Specifications and ITU-T J-series Recommendations	X		X								X			04/2020

**Table 2 – 5.2 List of ongoing standardization activities in the area of Access Network Transport in other groups within ITU and other Standard Developing Organizations**

Item No.	Source	Subject / Title	Comment
15.	<b>ITU-T SG9</b> <i>TD 487 WP1</i> <i>September 2020</i>	<b>ITU-T SG9: Broadband cable and TV</b> ITU-T Study Group 9 proposes two updates of the table on Organization of ANT Relevant Standards by Transmission Medium and Technology – Annex 2.1 of the ANT Standards Overview document : - ITU-T J.1110 (J.fdx-fspec) (04/2021): Functional specification for in-band full-duplex in HFC based network - ITU-T J.481 (ex J.cable-rf-ip) (04/2021): Requirements of cable network for RF and IP secondary distribution of television programmes - ITU-T J.198.1(J.HiNoC3-REQ) : Functional requirements for third-generation HiNoC Work Programme of ITU-T SG9 can be found at following URL: <a href="https://www.itu.int/ITU-T/workprog/wp_search.aspx?isn_sp=3925&amp;isn_sg=3929&amp;isn_status=-1,1,3,7&amp;details=0&amp;field=acdefghijo">https://www.itu.int/ITU-T/workprog/wp_search.aspx?isn_sp=3925&amp;isn_sg=3929&amp;isn_status=-1,1,3,7&amp;details=0&amp;field=acdefghijo</a>	More information about ITU-T SG9 can be found at following URL: <a href="https://www.itu.int/en/ITU-T/studygroups/2017-2020/09/Pages/default.aspx">https://www.itu.int/en/ITU-T/studygroups/2017-2020/09/Pages/default.aspx</a>

