INTERNATIONAL TELECOMMUNICATION UNION

TELECOMMUNICATION STANDARDIZATION SECTOR

STUDY PERIOD 2017-2020

SG9-LS154

STUDY GROUP 9

Original: English

Question(s): 10/9 E-meeting, 15-24 November 2021

(Ref.: SG9-TD1319-R1)

Source: ITU-T Study Group 9

Title: LS/r on the new version of the Home Network Transport (HNT) Standards Overview and Work Plan (SG15-LS299)

LIAISON STATEMENT

For action to: ITU-T SG15

For comment to: -

For information to: BROADBAND FORUM, ITU-R SG 1, ITU-R SG 5, ITU-R SG 6, ISO/IEC JTC1/SC25, IEEE 802.3 Working Group, ETSI TC ATTM, MoCA, SG5, SG13, SG16, SG17, TSAG

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

Deadline: N/A

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Keywords: HNT Standards; Overview; Work Plan; Updates

Abstract: This liaison statement proposes revision of Home Network activities in ITU-T SG9.

ITU-T SG9 would like to thank SG15 for informing us about the new version of the Home Network Transport (HNT) Standards Overview and Work Plan (Ref: SG15-LS299).

We have reviewed the liaison statement and would like to propose modifications of the table on Home Network related topics, which can be found in the attachment highlighted in yellow. SG9 invites SG15 to review the modifications and update "Home Network Transport (HNT) Standards Overview and Work Plan".

Enclosed are the following table for your consideration:

- Table 1 – ITU-T study groups working on Home Network related topics

SG9 looks forward to keeping continued collaboration with SG15.

Table 1 – ITU-T study groups working on Home Network related topics

Items	SGs and aspects	
Broadband cable and TV	**SG9**	**WP1/9 "Video transport"** Q1/9 "Transmission of television and sound programme signal for contribution, primary distribution and secondary distribution" -ITU-T J.195.1: Functional requirements for high speed transmission over coaxial networks connected with fibre to the building (joint work between Q1/9 and Q7/9). -ITU-T J.195.2: Physical layer specification for high speed transmission over coaxial networks. - ITU-T J.196.1 (J.HiNoC2-req): Functional Requirements for Second-generation HiNoC (03/2016) (joint work between Q1/9 and Q7/9). - ITU-T J.196.2 (J.HiNoC2-phy): Physical layer specification of second generation HiNoC (10/2016). -ITU-T J.1611: Functional requirements for Smart Home Gateway (11/2020). -ITU-T J.1612 : The Architecture for Smart Home Gateway (11/2021). -ITU-T J.298: Requirements and technical specifications of cable TV hybrid set-top box that has the compatibility with terrestrial and satellite TV transport (3/2019). **WP2/9 "Cable-related terminals and applications"** Q6/9 "Functional requirements for residential gateway and set-top box for the reception of advanced content distribution services" - ITU-T J.122: Second Generation Transmission Systems for Interactive Cable Television Services – IP Cable Modems (12/2007). - ITU-T J.126: Embedded Cable Modem device specification (12/2007). - ITU-T J.128: Set-top Gateway specification for transmission systems for interactive cable television services (10/2008) - ITU-T J.290: Next generation set-top-box core architecture (11/2006). - ITU-T J.291: Next generation set-top-box cable architecture (11/2006). - ITU-T J.292: Next generation set-top-box media independent architecture (11/2006). - ITU-T J.293: Component definition and interface specification for the next generation set-top box (6/2008). - ITU-T J.294: Residential gateway requirements for the support of broadcast and IP-based interactive services over

Items	SGs and aspects	
		cable television networks (9/2010). - ITU-T J.295: Functional requirements for a hybrid cable set-top box (01/2012). - ITU-T J.296: Specification for hybrid cable set-top box (06/2012). - ITU-T J.297: Requirements and functional specification of cable set-top box for 4K ultra high definition television (03/2018): *Revision of J.297 communicated by SG9 via SG9-LS40 in SG15 TD 214 WP1 October 2018* Q7/9 "Cable television delivery of digital services and applications that use Internet protocol (IP) and/or packet-based data" -ITU-T J.195.1: Functional requirements for high speed transmission over coaxial networks connected with fibre to the building (joint work between Q1/9 and Q7/9). -ITU-T J.195.3: Medium Access Control layer specification for high speed transmission over coaxial networks. - ITU-T J.196.1 (J.HiNoC2-req): Functional Requirements for Second-generation HiNoC (03/2016) (joint work between Q1/9 and Q7/9). - ITU-T J.196.3 (J.HiNoC2-mac): Media Access Control (MAC) layer specification of second generation HiNoC (10/2016). -ITU-T J.198.1 (J.HiNoC3-REQ): Functional requirements for third-generation HiNoC.
		Status of work under above Questions of SG9 is contained in the ITU-T SG9 work programme at following URL: https://www.itu.int/ITU-T/workprog/wp_search.aspx?sg=9 More information about ITU-T SG9 can be found at following URL: https://www.itu.int/en/ITU-T/studygroups/2017-2020/09/Pages/default.aspx *TD 117 WP1 June 2017* Ex-question Q5/9 has been re-numbered as Q6/9 with same title: Q6/9 "Functional requirements for residential gateway and set-top box for the reception of advanced content distribution services" Q9/9 "Requirements for advanced service capabilities for broadband cable home networks" has been moved to SG15 and is removed from the list of Questions of SG9.

Items	SGs and aspects	
		TD 397 WP1 Nov.-Dec. 2014 SG9 just started the study of HNT area taking into consideration wireless technologies, such as IEEE 802.11ac, ZigBee, Bluetooth and other low power radio communication technologies which are workable on 6LowPan protocol

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