INTERNATIONAL TELECOMMUNICATION UNION

TELECOMMUNICATION STANDARDIZATION SECTOR

STUDY PERIOD 2017-2020

SG9-LS136

STUDY GROUP 9

Original: English

Question(s): 7/9 E-meeting, 19-28 April 2021

(Ref.: SG9-TD1115)

Source: ITU-T Study Group 9

Title: LS on new work item for draft new Recommendation ITU-T J.HiNoC3-REQ "Functional requirements for High performance Network over Coax 3.0"

LIAISON STATEMENT

For action to: -

For comment to: [redacted]

For information to: ITU-T Study Group 15, ETSI TC-Cable, IEC TC100, SCTE, RRA, TTC, IEEE 802.3 Ethernet WG, CCSA

Approval: **ITU-T Study Group 9 meeting (E-meeting, 28 April 2021)**

Deadline: N/A

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Keywords: Q7/9, HiNoC, functional requirement, Coaxial cable, network

Abstract: This liaison is about new work item: Functional requirements for High performance Network over Coax 3.0.

ITU-T SG9 would like to inform you that during ITU-T SG9 meeting, 19-28 April 2021, we have initiated a new work item for draft new Recommendation: ITU-T J.HiNoC3-REQ "Functional requirements for High performance Network over Coax 3.0".

The work item relates to the third generation HiNoC (HiNoC 3.0), which aims to provide broadband access technology with 10Gbps capacity over coaxial cables. The new work item will focus on the functional requirements of HiNoC 3.0.

We would appreciate to receive your comments and/or consideration regarding ITU-T J.HiNoC3-REQ and are looking forward to a fruitful cooperation on this matter. We have attached the new work item details in annex to this liaison statement.

Annexes: 1

– **ANNEX 1:** A.1 justification for proposed draft new Recommendation ITU-T J.HiNoC3-REQ.

ANNEX 1
A.1 justification for proposed draft new Recommendation ITU-T J.HiNoC3-REQ

Question:	Q7/9	**Proposed new ITU-T Recommendation**	E-meeting, 19-28 April 2021	
Reference and title:	ITU-T J. HiNoC3-REQ " Functional requirements for High performance Network over Coax 3.0"			
Base text:	SG9-C157		**Timing:**	2022
Editor(s):	Cui Zhao (China), zhaocui@abs.ac.cn Liyue Zhu (China), zhuliyue@abs.ac.cn		**Approval process:**	AAP

Scope

This draft Recommendation specifies the functional requirements for High performance Network over Coax 3.0.

Summary

This recommendation will describe the functional requirements for High performance Network over Coax 3.0(HiNoC 3.0).

The functional requirements will include three aspects: general functional requirements, requirements of PHY layer and requirements of MAC layer. The general functional requirements will refer to spectrum, service support capability, compliance and so on. The requirements of PHY and MAC layer will refer to the key technologies and protocols of HiNoC3.0.

Relations to ITU-T Recommendations or to other standards

ITU-T J.195.1
ITU-T J.195.2
ITU-T J.195.3
ITU-T J.196.1
ITU-T J.196.2
ITU-T J.196.3

Liaisons with other study groups or with other standards bodies:

ITU-T SG15, ETSI TC-Cable, IEC TC100, SCTE, RRA, TTC, IEEE 802.3 Ethernet WG, CCSA

Supporting members that are committing to contributing actively to the work item:

ABS, China; Beijing JiShi HuiTong Technology

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