



Question(s): 2, 8/5

Geneva, 21 June – 1 July 2022

Ref.: SG5-TD154

Source: ITU-T Study Group 5

Title: LS/r Part 1 on IEEE 802.3 Ethernet Working Group (reply to [IEEE 802.3WorkingGroup-LS110](#))

LIAISON STATEMENT

For action to: -

For information to: IEEE 802.3 Working Group

Approval: ITU-T Study Group 5 meeting, (Geneva, 1 July 2022)

Deadline: N/A

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Abstract: Part 1 is a general overview of the IEEE 802.3 Working Group. It would appear IEEE 802.3 was not fully aware of ITU-T SG5 activities and constraints.

This LS is a reply to [IEEE 802.3WorkingGroup-LS110](#).

ITU-T Study Group 5 would like to thank the IEEE 802.3 Ethernet Working Group for its comments on Recommendation ITU-T K.147 “Protection of networked information technology equipment”.

However, the liaison statement received does contain some puzzling comments. For example, some requested changes have already been made some time ago, and implementation constraints are not recognized. This document suggests reasons for this disconnect.

A key factor appears to be the ITU Recommendation ITU-T K.147 Alternative Approval Process (AAP) procedure shown at: <https://www.itu.int/t/aap/recdetails/10025>

At the end of the AAP procedure, Recommendation ITU-T K.147 was approved with substantial changes showing previous IEEE802.3 Working Group comments were a major factor in modifying the Recommendation.

K.147: Protection of networked information technology equipment

Study Group
5

Consent Date
2021-05-20

Provisional Name

Status

AC

Study Period
2017-2020

Approval Date
2022-01-13

Input used for Consent
SG5-TD1864

IPR

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AAP Current Status

Step #	Action	Start / End	Status	Announcement	Related documents	Comments / Resolution logs
Final			AC	AAP-119 [2022-01-16]		
4		2021-12-16 2022-01-12	AR	AAP-118 [2021-12-16]	AR Text AR Summary	
3			LJ	AAP-107 [2021-07-01]		
2		2021-06-01 2021-06-28	LC	AAP-105 [2021-06-01]	LC Text LC Summary	LC C 01: Cisco Systems, Inc. LC Comment Resolution Log
1		2021-05-20	C			

Figure 1– History of ITU-T K.147 Alternative Approval Process (AAP) procedure described in Recommendation ITU-T A.8

The AAP start and finish timings were:

Consent Date 2021-05-20

Approval Date 2022-01-13

The detailed AAP timing and documentation is:

AC AAP-119 [2022-01-16]

(AC = Approved with Substantial Changes: Approved with comments other than those indicating typographical errors.)

AR AAP-118 [2021-12-16]

(AR = Additional Review: Additional Review period (normally three weeks) for comments by Member States or Sector Members regarding issues raised during Last Call. Comments should indicate changes that would facilitate subsequent Approval.)

LJ AAP-107 [2021-07-01]

(LJ = Last Call Judgment (includes Last Call Comment resolution): Last Call Judgment period for the study group experts to resolve Last Call comments, and for the study group Chairman, in consultation with TSB, to judge the next steps.)

LC AAP-105 [2021-06-01]

(LC = Last Call: Last Call period (normally four weeks) for comments by Member States or Sector Members regarding the Approval decision. Comments should indicate changes that would facilitate subsequent Approval.)

LC Comment Resolution Log

LC C 01: Cisco Systems, Inc.

C [2021-05-20] Input used for Consent SG5-TD1864

(C = Consented: A draft Recommendation is consented at a Study Group meeting, meaning it is sufficiently mature to be considered for Approval via AAP.)

IEEE meetings and minutes are a matter of public record and the IEEE 802.3 Power Delivery Coordinating Committee (PDCC). Ad hoc records discuss Recommendation ITU-T K.147

< https://www.ieee802.org/3/ad_hoc/PDCC/public/index.html >

The LC Comment Resolution Log has never been mentioned. Neither have the two other Recommendations concerning PoE advised to the IEEE 802.3 Liaison Officer.

A conclusion is that the IEEE 802.3 Working Group was not aware of the ITU-T SG5 LC Comment Resolution Log made on the LC C 01 from Cisco Systems. This lack of background information could well make IEEE 802.3 feel that its inputs were being neglected, and could be the reason why no input was made during the AAP AR period.

A previous liaison message (SG5-TD2135) described how the IEEE-SA refused to permit the use of IEEE 802.3 definitions, and how these were removed from Recommendation ITU-T K.147. For replacement definitions there were two options: ITU could create its own definitions or use established definitions from international standards development organisations (SDOs). The choice was to use the definitions from ISO/IEC JTC 1/SC 25. *Interconnection of information technology equipment*. Subsequently, this has proved fortuitous as ITU is encouraging harmonization with ISO/IEC activities in order to reduce duplication and confusion.

In summary, it seems that IEEE 802.3 was not aware of the full extent of the ITU-T SG5 activities and constraints concerning Recommendation ITU-T K.147. This has created problems in some of the IEEE 802.3 liaison statement's content.
