Project: P802.15 Working Group for Wireless Specialty Networks

Submission Title: Disposition of comments to IEEE P802.1ACea - Amendment - Support for IEEE Std 802.15.6

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Source: Marco Hernandez, Ryuji Kohno,

Company: YRP-AIA, Japan; CWC, Oulu Univ. Finland;

Address: 3-4 Hikarino-oka, Yokosuka, 239-0847, Japan

Voice: +81 46-847-5439 **Fax:** +81 46-847-5431 **E-Mail:**

Re: In response to the call for technical contributions

Abstract:

Purpose: In response to the call for technical contributions

IEEE 802.3 comments on IEEE 802 PARs under consideration

- CSD item 1.1.2 b): The project isn't adding "wireless specifications" as many would interpret that term. It is adding a wireless network type to the set of IEEE 802 networks supported by the specified service interface.

- Suggested remedy: Replace with "The project will add IEEE Std 802.15.6 to the set of IEEE 802 networks supported by the service interface. The project will not involve coexistence issues related to the use of wireless spectrum.".

- **Accepted.**

IEEE 802.3 comments on IEEE 802 PARs under consideration

- CSD item 1.2.1 a): This doesn't really answer broad sets of applicability and is difficult to parse.

- **Suggested remedy:** There is a need for interconnecting wireless personal networks to infrastructure in multiple applications where MAC bridges can simplify access for IEEE 802.15.6 network connection to a data center. One target application for example is for hospitals and healthcare providers, to support a wide range of personal wireless devices. Both healthcare providers and patients will benefit from simplified networks that aggregate data streams while providing guaranteed delivery to remote data centers supporting both healthcare monitoring and emergency events. Other applications will similarly benefit from the use of IEEE 802.1 bridged network topologies.

- **Accepted**

PAR and CSD Review by 802.15 SCM

- 802.1ACea - Amendment - Support for IEEE Std 802.15.6 , <u>PAR</u> and <u>CSD</u> 1 comment: In the CSD, we agree that a CA document is not required, but suggest rewording the reason why the CA document is not applicable to: "This project does not change the use of wireless spectrum already defined in IEEE Std 802.15.6-2012"

- Accepted in the suggested remedy from 802.3 comment on CSD item 1.1.2 b)

IEEE 802.11
802.1ACea - Amendment - Support for IEEE Std 802.15.6, PAR and CSD

5.2.b Scope of the project: Suggested change: "This project adds support <mark>of</mark> the Internal Sublayer Service <mark>by</mark> the IEEE Std 802.15.6 MAC entity. To "5.2.b Scope of the project: This project adds support to the Internal Sublayer Service for the IEEE Std 802.15.6 MAC entity."

Reject: the existing scope text is consistent with clauses 5.2 and 13 of 802.1AC.

5.5 Need: Suggest change "Support of 48-bit MAC addressing in IEEE Std 802.15.6-2012 allows the use of MAC bridging in 802.15.6 networks." to "To enable the use of MAC bridging in IEEE Std 802.15.6 networks which ~~now~~ support 48-bit MAC addressing."

Accept in principle: To enable IEEE 802.15.6 networks to bridge to other IEEE 802 networks

CSD 1.2.4 a) – Change "IEEE 802.11 Std and 802.15.3 Std" to "IEEE Std 802.11 and IEEE Std 802.15.3"

Accept