

#4 Type: TR TF: TF4 Clause: 5.3.3.1 Page: 51 Line: 1 Commenter: Glen Kramer / Broadcom

Comment Status: Resolved Response Status: AIP Commenter Satisfaction: Satisfied Category: -

Figure 5-3 is not representative of 802.3ca-compliant ONU. There are no ONU architectures that include multiple L-ONUs. Instead, multiple LLIDs exist per each L-ONU. Also, the figure should show the internal service ports that can be connected to either eSAFE devices or UNI ports

Use ONU Architecture figure 5-3 as shown on slide 8 of tf4_2106_kramer_5.pdf. Figure 5-4 is not needed anymore and should be deleted from the draft.

Use ONU Architecture figure 5-3 as shown on slide 8 of tf4_2106_kramer_5.pdf. Remove Figure 5-4. Change "The location of the L-ONU in the ONU architecture is presented in Figure 5-3 and Figure 5-4." to "The location of the L-ONU in the ONU architecture is presented in Figure 5-3." Change "Two example configurations are presented in Figure 5-3 and Figure 5-4." to "An example configuration is shown in Figure 5-3." in 5.3.3.2 Strike "A single C-ONU instantiating a single L-ONU is shown in Figure 5-3. A single C-ONU instantiating multiple L-ONUs is shown in Figure 5-4. In this case, three L-ONUs are shown." in 5.3.3.2 In 6.1, change "The location of the model within the ONU is illustrated in Figure 5-4." to "The location of the model within the ONU is illustrated in Figure 5-3." Remove "sL-ONU" and "mL-ONU" from list of acronyms. Revise title of Figure 5-3 to read "ONU architecture" Insert editorial note in 9.3.4.3 in front of "In the case of an mL-ONU device ..." text to modify this text and remove mL-ONU when text of protection is being revised.

#6 Type: TR TF: TF4 Clause: 14.1 Page: 265 Line: 3 Commenter: Glen Kramer / Broadcom

Comment Status: Resolved Response Status: Accept Commenter Satisfaction: Satisfied Category: -

The 1904.4 scope does not include multiple profiles anymore. The structure of clause 14 needs to change to address this.

1) Replace the sentence "Clause 14 defines sets of extended management attributes and actions for each profile specified in this standard." with the following: "Clause 14 defines sets of basic and extended management attributes and actions for the OLT and ONU devices specified in this standard." 2) Delete header "14.4 Management entities for DPoE eOAM profile" 3) Advance all 3rd level sub-headers 14.4.1 through 14.4.6 to the 2nd level 14.2 through 14.7 (all headers level 4 and below should be advanced as well)

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#1 Type: TR TF: TF4 Clause: 14.4.1.1 Page: 266 Line: 1 Commenter: Glen Kramer / Broadcom

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In Table 14-1, the description of the Length field is wrong. There is no field called "Value" and the numeric value of the Length is not correct for the object type LLID (0x00-02)

Use the following text for the Notes cell: Represents the size of the ObjectInstance field: 0x01 for ObjectType values 0x00-00, 0x00-01, and 0x00-03 0x02 for ObjectType value 0x00-02 0x04 for ObjectType value of 0x00-04 Other values are reserved and ignored on reception.

Use the following text for the Notes cell: Represents the size of the ObjectInstance field: 0x01 for ObjectType values 0x00-00, 0x00-01, and 0x00-03 0x02 for ObjectType value 0x00-02 0x04 for ObjectType value 0x00-04 Other values are reserved and ignored on reception.

#2 Type: TR TF: TF4 Clause: 14.4.1.1.2.5 Page: 268 Line: 1 Commenter: Glen Kramer / Broadcom

Comment Status: Resolved Response Status: Accept Commenter Satisfaction: Satisfied Category: -

Description of ObjectInstance structure for Queues is not correct. For an upstream queue (i.e., when the associated port is LLID), there is no port instance and queue instance values. LLID is identified by a full 16-bit tag and there is only a single queue per LLID, so QueueInstance field is meaningless.

Make the format of ObjectInstance structure dependent of the associated port type. For UNI, the structure shall remain as is. For LLID, fields PortInstance and ObjectInstance are replaced by a single field LlidInstance. The exact changes are shown in tf4_2106_kramer_3.pdf

Changes per comment + update PICS.

#3 Type: TR TF: TF4 Clause: 14.4.3.1.9 Page: 300 Line: 1 Commenter: Glen Kramer / Broadcom

Comment Status: Resolved Response Status: AIP Commenter Satisfaction: Satisfied Category: -

The draft has a conflict in the definition and use of term "UNI Port". On one hand, the "UNI port" is shown to be the external interface to a CPE device. On the other hand, in many attributes, "UNI port" represents an internal port that can be connected either to an embedded device or to an actual UNI port. Presentation tf4_2106_kramer_5.pdf explains the problem and proposes a solution.

Where the term "UNI port" refers to either internal (logical) port or an external (physical) port, use term "Service Port". Update the attributes aOnuUniPortCount and aOnuUniPortType as shown in tf4_2106_kramer_6.pdf.

Where the term "UNI port" refers to either internal (logical) port or an external (physical) port, use term "Service Port", as shown in tf4_2106_kramer_6.pdf, with the following updates: - spell check - change "ONU UNI Port Type TLV" to "ONU Service Port Type TLV" Use the definition for ONU_CI interface from #1 on slide 7 in tf4_2106_kramer_5.pdf, replacing "DPoE2.0" with "DPoE-SP-ARCH" and add it to the list of normative references.

#5 Type: TR TF: TF4 Clause: 14.4.3.2.14 Page: 318 Line: 7 Commenter: Glen Kramer / Broadcom

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A proposal to resolve action items #3 and #5 is detailed in tf4_2106_kramer_2.pdf (Note that this proposal did not address the misuse of term "UNI port". This issue is addressed in another comment.)

Add new attributes and actions is shown in tf4_2106_kramer_4.pdf (This file uses the "Service Port" instead of "UNI port", consistent with the proposal in tf4_2106_kramer_5.pdf)

Apply changes per tf4_2106_kramer_4.pdf and update names per slide 21 in tf4_2106_kramer_2a.pdf