

Accredited Standards Committee  
X3, Information Processing Systems

Doc: X3T10.1/97a101r0  
Date: January 15, 1997  
Project: X3T10.1/1147D  
Ref Doc.: SSA-TL2 rev 4  
Reply to: John Scheible

To: X3T10.1 Membership  
From: John Scheible

Subject: Comments on SSA-TL2 rev 4

## **BACKGROUND**

The following comments are based on SSA-TL2 rev 4 which was letter balloted to X3T10. The comments are broken up into editorial/style and technical comments.

## **EDITORIAL/STYLE COMMENTS**

- 1) Global: Change "(( " to "[(" and ")]" to" ))". Also "(s.)" to "(s)]."
- 2) Change "<any letter>( "to "<any letter> (" to add a space.
- 3) Table of tables: Change heading from "Table" to "Tables" (plural).
- 4) Introduction: Change "Clause 4 contains" to "Clause 4 defines" for consistency.
- 5) 3.2: Add abbreviation OUI (Organizationally Unique Identifier).
- 6) 4, last paragraph: Change "Figures and tables (highest) take precedence over text (lowest)." to "In case of conflict, figures take precedence over tables and both figures and tables take precedence over text."
- 7) end of 6.2: Change "(see 0)" to "(see 9.5)". Also applies to end of 7.2.7 and 7.2.8.
- 8) 9.3, paragraph after psuedocode: Change "Channels 129- 16 383 ..." to "Channels 128 - 16 383...".
- 9) 10.2.3, fifth para, end first sentence: change ".)." to ")."
- 10) Table 20, first column: Change small caps to all caps (values, not field names).
- 11) 10.3, add semicolon to d) first list, add period to e) of second list.
- 12) 10.4.1, c): Change "Ready State" to "Ready state" (lower case "S").
- 13) 10.6: Change TL2 to SSA-TL2 (global).
- 14) 11.1.3, element h): Change "mod" to "modulo" (two places) to match I).
- 15) 12.2.7, LONG bit paragraph: Remove the extraneous " (".
- 16) Table 29, sixth row from end: Should not be bold.
- 17) Table 32, bottom of byte 12: should be solid line, not dotted.
- 18) Table 53, blank rows between byte 3 and 4 should be removed.

## **TECHNICAL COMMENTS**

- 1) 9.3, paragraph after psuedocode: Change "Channels 0- 127 are addressed one byte. Channels 129- 16 383 ..." to "Channels 0 - 127 are addressed one byte. Channels 128 - 16 383..." (128 was left out).
- 2) Table 37, version 00h: Change "SSA-TL1 implementations before standardization" to "Implementations prior to standardization." Since version 00h is not SSA-TL1.
- 3) Table 37, version 04h: Change "SSA-IA/96PH" to either "reserved" or "SSA-IA/97PH" depending on whether the SSA-IA plans to document this version. Confusion will occur since someone may try to obtain the non-existent document.

- 4) 12.2.7, SSA-TL paragraph: Correct name, add "if possible" and add examples, by changing:  
"The SSA-TL field defined in Table 37 identifies the version of SSA-TL being used by the sender. If multiple levels of SSA-TL are supported, then highest value shall be reported that is equal to or less than the SSA-TL field in the associated QUERY NODE SMS."  
to:  
"The SSA-TL VERSION field defined in Table 37 identifies the version of SSA-TL being used by the sender. If multiple levels of SSA-TL are supported and any are numerically less than the SSA-TL VERSION field of the QUERY NODE SMS, then highest value shall be reported in the QUERY NODE REPLY SMS that is equal to or less than the SSA-TL VERSION field in the associated QUERY NODE SMS. The following are examples:
- a) An SSA-TL1/SSA-TL2 Configurator sends a QUERY NODE SMS indicating an SSA-TL version of SSA-TL2. An SSA-TL1 only node responds with a QUERY NODE REPLY SMS indicating SSA-TL1. The Configurator now knows to use SSA-TL1 to communicate with the node.
  - b) An SSA-TL1/SSA-TL2 Configurator sends a QUERY NODE SMS indicating an SSA-TL version of SSA-TL2. An SSA-TL1/SSA-TL2 or SSA-TL2 only node responds with a QUERY NODE REPLY SMS indicating SSA-TL2. The Configurator now knows to use SSA-TL2 to communicate with the node.
  - c) An SSA-TL1 only Configurator sends a QUERY NODE SMS indicating an SSA-TL version of SSA-TL1. An SSA-TL1/SSA-TL2 node responds with a QUERY NODE REPLY SMS indicating SSA-TL1. The Configurator now knows to use SSA-TL1 to communicate with the node.
  - d) An SSA-TL1 only Configurator sends a QUERY NODE SMS indicating an SSA-TL version of SSA-TL1. An SSA-TL2 only node responds with a QUERY NODE REPLY SMS indicating SSA-TL2. The Configurator now knows it cannot communicate with the node, and does not register with it.

Sincerely,

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