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**Editorial Defects in the ATN Network Addressing
Specification and Proposed Resolution**

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SUMMARY

Editorial Defects in ATN Network Addressing Specification

This paper compiles a number of editorial defects which have been identified when reviewing Chapter 5.4 of Version 6.0 of the Draft Internet Communications Service SARPs. A change proposal and replacement text is offered for each identified editorial problem.

1. Introduction

Chapter 5.4 ("Network and Transport Addressing Specification") of the Draft Internet Communications Service SARPs has undergone considerable restructuring and modifications recently. Consequently, this chapter has not been subject to the same level of editorial review as the remaining material (which has been extensively reviewed by the WG2 Editorial Committee in June 1996 in Toulouse) and thus is more prone to editorial problems.

This paper compiles a number of editorial defects which have been identified when reviewing Chapter 5.4 of Version 6.0 of the Draft Internet Communications Service SARPs. A change proposal and replacement text is offered for each identified editorial problem.

Although being only minor defects, the identified editorial problems and the proposed text changes have been submitted to the WG2 Change Control Board (CCB) in the form of a Defect Report and associated Change Proposal in order to comply with the procedures agreed for SARPs update.

2. Editorial Problems and Proposed Resolution

The following editorial problems have been identified when reviewing the network and transport addressing specification (Chapter 5.4) of the Draft Internet Communications Service SARPs (Version 6.0):

2.1. Section 5.4.1.3.1

It is not clear to which specification the text refers when talking about "... future versions of the specification."

Proposed Change:

Replace "... of the specification" by "... of this specification"

2.2 Figure 5.4-1

The figure uses the term "Global OSI Addressing Domain" to illustrate the whole addressing space, whereas the figure title is "The OSI Global Network Addressing Domain". The used figure label and the figure title should be made consistent.

Proposed Change:

Swap the second and third word in the title of Figure 5.4-1 to read "The Global OSI Network Addressing Domain".

2.3. Section 5.4.3.5.2

Although it is believed that the whole section should be deleted, as the specified requirement seems more to be a text filler to be in line with numbering conventions than a meaningful

requirement, from an editorial viewpoint there seems to be a superfluous "then" in the second line of this paragraph.

Proposed Change:

Delete "then" in the second line of section 5.4.3.5.2.

2.4. Figure 5.4-3

The upper left address structure is labeled "ISO 8348 NSAP Address Format". In order to be consistent with the associated SARPs text, the correct label is "ISO/IEC 8348 NSAP Address Format".

Proposed Change:

Add "/IEC" in the label of the upper left address structure in Figure 5.4-3 to read "ISO/IEC 8348 NSAP Address Format".

2.5. Section 5.4.3.8

Missing full stop at the end of the section.

Proposed Change:

Add full stop at the end of the section.

2.6. Section 5.4.3.8.2.3.4

The text of this section is a complete duplication of section 5.4.3.8.2.3.2 and consequently should be deleted.

Proposed Change:

Delete section 5.4.3.8.2.3.4.

2.7. Section 5.4.3.8.2.4.4

There are two consecutive notes in this section which are both labeled by "Note." without appropriate numbering.

Proposed Change:

Change the label of the first note in Section 5.4.3.8.2.4.4 to read "Note 1." and the label of the second note to read "Note 2.".

2.8. Section 5.4.3.8.2.4.4

There is a typo in the last but second line of the second note in this section: "Rds" should read RDs".

Proposed Change:

Replace "Rds" by "RDs" in the last but second line of the second note in Section 5.4.3.8.2.4.4.

2.9. Section 5.4.3.8.2.5.2

There is a typo in the last but one line of this section: "state" should be capitalized.

Proposed Change:

Replace "state" by "State" in the last but one line of Section 5.4.3.8.2.5.2

2.10. Section 5.4.3.8.3.1.1

There is a typo in the first line of this section: "is" should be "in".

Proposed Change:

Replace "is" by "in" in the first line of Section 5.4.3.8.3.1.1.

2.11. Section 5.4.3.8.4, Note 1

Note 1 ends with double full stop.

Proposed Change:

Delete one full stop at the end of Note 1 in Section 5.4.3.8.4.

2.12. Section 5.4.3.8.4, Note 2

Missing space character in last but one line of Note 2.

Proposed Change:

Replace "thenpart" by "then part" in the last but one line of Note 2.

2.13. Section 5.4.3.8.4.1

There is a typo in the last but second line of this section: "NSAPs" should read "NSAP".

Proposed Change:

Replace "NSAPs" by "NSAP" in the last but second line of Section 5.4.3.8.4.1.

2.14. Section 5.4.3.8.4.2

The text in the first line is incomplete.

Proposed Change:

Add "Network Addressing Domains" after "In the Fixed AINSC and ATSC" in the first line of Section 5.4.3.8.4.2.

2.15. Section 5.4.3.8.5, Note 4

The text "The combination of AFI" is followed by a full stop instead of a comma.

Proposed Change:

Replace full stop by comma in the first line of Note 4 in section 5.4.3.8.5.

2.16. Section 5.4.3.8.4

Unlike the sections related to the other DSP fields, section 5.4.3.8.4 misses to specify the length of the ARS field.

Proposed Change:

Add a new section 5.4.3.8.4.1 with the following text: "5.4.3.8.4.1 The ARS field shall be three octets in length." and renumber all existing paragraphs in section 5.4.3.8.4.

2.17. Section 5.4.3.8.7

Unlike the sections related to the other DSP fields, section 5.4.3.8.7 misses to specify the length of the SEL field.

Proposed Change:

Add a new section 5.4.3.8.7.1 with the following text: "5.4.3.8.7.1 The SEL field shall be one octet in length." and renumber all existing paragraphs in section 5.4.3.8.7.

2.18. Section 5.4.3.8.7

Unlike the sections related to the other DSP fields, section 5.4.3.8.7 misses to specify the addressing authority for the SEL field value.

Proposed Change:

Add a new section 5.4.3.8.7.4 after Note 2 with the following text: "5.4.3.8.7.4 SEL field values other than those defined for Intermediate System Network Entities in 5.4.3.8.7.1 and 5.4.3.8.7.2 above or being reserved, shall be assigned by the addressing authority responsible for the identified End or Intermediate System."

3. Recommendation

Editorial Defects in ATN Network Addressing Specification

WG 2 is invited to review the proposed changes and to approve the changes along the recommendation of the WG2 Change Control Board (CCB). Furthermore, WG2 is requested to ensure the corresponding update of the Draft Internet Communications Service SARPs prior to ATNP/2 through appropriate liaison with the ICAO Secretariat.