

AERONAUTICAL TELECOMMUNICATION NETWORK PANEL

Working Group 2

Toulouse, France 13-17 March 1995

**ATN SARPs & Guidance Material Document
- Draft Version 1.1 -**

(Change pages from Version 1.0)

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SUMMARY

This paper presents the changes made to Version 1.0 of the Draft ATN SARPs & Guidance Material document in order to produce Version 1.1. Version 1.0 was distributed on the CENA ATN Validation Archive on February 3rd, 1995.

The first section of this paper lists a set of corrections to minor editorial mistakes which were generated during the production of Version 1.0; i.e., in some cases the recommendation made in Defect Report 95010001.DR (and in the associated Change Proposal 95010015.CP) for the production of Version 1.0 were wrongly implemented. Most of these corrections have been implemented in Version 1.1.

The second section of this paper lists the changes made to Version 1.0 from the Change Proposal forms which were accepted by the WG2/CCB during its meeting in Melbourne (USA) in January 1995. Annex A to the paper includes the pages from Version 1.1 which contain these changes. Revision marks have been used to identify clearly the changes.

1. Introduction

This paper describes the work performed by the editor of the Draft ATN SARPs & Guidance Material document in producing Version 1.1 from Version 1.0.

Version 1.0 of the Draft ATN SARPs was distributed on February 3rd, 1995 via the electronic ATN Validation Archive maintained at CENA. This version was produced by implementing the changes described in Defect Report 95010001.DR (and the associated Change Proposal 95010015.CP) to Version 0.0 of the document. The objective of this new version was to align the Working Group 2 Validation Copy, dated 19/11/93 and identical to Draft ATN SARPs Version 0.0, with the ATN Manual 2nd edition to be published by ICAO.

Version 1.1 of the Draft ATN SARPs was decided to be produced by the WG2 Configuration Control Board (CCB) during its first meeting in Melbourne (USA) in January 1995. Version 1.1 contains all the changes described in the Change Proposal forms which were accepted by the CCB during its January meeting.

Version 1.1 was created but not distributed. Annex A to the present paper includes all pages from Version 1.1 which contain the changes to Version 1.0 described in the Change Proposal forms which were accepted by the WG2/CCB in Melbourne (USA). Revision marks have been used to identify clearly these changes.

Note. — During the production of Version 1.0, some minor editorial mistakes were generated (due to a wrong implementation of some recommendations listed in 95010001.DR). Most of these mistakes have been corrected in Version 1.1 (without revision marks). They are listed in the following section.

2. Changes related to correction of Version 1.0

During the creation of Version 1.0 (by applying the changes described in 95010001.DR), some minor editorial mistakes were introduced. Consequently, the Draft Version 1.0 of the ATN SARPs document which was distributed on the CENA Server on February 3rd, 1995 was slightly different from what was expected from Defect Report 95010001.DR (and its associated Change Proposal 95010015.CP).

These mistakes are listed below. They are indexed with the reference number of the change they were referring to in 95010001.DR.

All of these mistakes have been corrected in Version 1.1 except #057 and #205 which require the use of Micrografx Designer v3.1 which was not available at the time the edition work was performed. Designer v4.1 was used, but a bug in this software tool precluded the correct implementation of the requested changes. These changes will be implemented in a next version of the Draft SARPs as soon as this software problem is solved.

Reference Number	Change described in 95010001.DR	Status in Version 1.0
#057	Figure 5.8, Page 5-19: change Upper Layer Architecture.	change not implemented due to a problem with the use of Designer, v4.1 (i.e. it was impossible to save the updated drawing back in the Winword 6.0 file).
#074	Section A5.6, Page A5-3: missing references to Table A5-1.	"Table A.51" was referred once instead of "Table A5-1".
#087	Section 6.6.5.1.4, Page 6-18: replace "IS_SME" with "IS-SME" and "SN_SME" with "SN-SME".	2 occurrences were forgotten.
#093	Section 6.8.2, Page 6-30: delete struck text	change not performed.

#094	Section A6.1.1.1.1, Page A6-1: replace "current" with "currently"	change was performed, but some text disappeared in the paragraph.
#124	Section A8.2.4.1.11, Page A8-21: a "." was missing	an extra "." was inserted.
#158	Section A10.6.4.3.2, Page A10-10, 8th paragraph: replace "one octet" with "one-octet" and delete the extra space at the end of the sentence.	the extra space was not deleted.
#158	Section A10.6.4.3.2, Page A10-10, Note 8: change "Use Datafield" into "User Data field" and "may be to convey" into "may convey".	"may be to convey" was changed into "may to convey".
#196	Section A11.2.1.4, Pages A11-9 and A11-10: change "QoS" into "QOS".	1 occurrence was forgotten.
#205	Figure 12.1, Page 12-2: change "ISO 8498-4" into "ISO 7498-4".	change not implemented due to a problem with the use of Designer, v4.1.
#219	Template TE-10, Page A12-45: change "T_Disconnects" into "T-DISCONNECTs".	"T_DISCONNECTs" was inserted instead of "T-DISCONNECTs".
#221	Throughout Manual: change "i.e.," into "i.e." and "e.g.," into "e.g."	change was not performed.

After correction of these mistakes, all changes listed in 95010001.DR and 95010015.CP were implemented in Version 1.1 of the Draft ATN SARPs document except #057 and #205.

3. Changes related to the implementation of ACCEPTED Change Proposals

During its first meeting in January 1995 in Melbourne (USA), the WG2/CCB formally accepted 6 out of 14 SUBMITTED Change Proposals and tasked the SARPs editor to implement the related changes in Version 1.1 of the Draft ATN SARPs & Guidance Material document.

The 6 ACCEPTED Change Proposals are listed below, and the pages from the resulting Version 1.1 of the Draft ATN SARPs which contain these changes are given in Annex A. In order to identify clearly the changes, revision marks have been used.

ACCEPTED CP Number	Change Description
95010001.CP	Remove the requirements for the allocation of fixed NSAP Selector values to identify Transport entities. <i>Section A7.5.9.3:</i> remove the following text: "[01] ISO 8073 Class 4 Connection Mode Transport Entity" "[02] ISO 8602 Connectionless Mode Transport Entity" replace "[03]-[ff] Spare Codes" with "[01]-[ff] Spare Codes"

95010002.CP	<p>Clarify text about security policies.</p> <p><u>Section 5.9.1:</u> <i>replace the following text:</i> " Data may only pass over a route associated with the same security policy. Data associated with the Security policy identifying Systems Management Communications may pass over any route." <i>with:</i> " Data associated with the Security policy identifying Systems Management Communications may pass over any route. All other data may only pass over a route associated with the same security policy."</p>
95010004.CP	<p>Clarify text about Route Selection (CP modified after CCB discussion).</p> <p><u>Section A6.4.6:</u> <i>replace the following text:</i> " If required by its own Routing Policy, an ATN RD shall, as part of its routing decision process and with reference to the route's RD_PATH, not select ..." <i>with:</i> " If required by its own Routing Policy, an ATN RD shall not, as part of its routing decision process and with reference to the route's RD_PATH, select ..."</p>
95010006.CP	<p>Clarify BIS's Procedures of Operation.</p> <p><u>Section A11.3.1.4:</u> <i>replace the following text:</i> " The IDRP shall access the service provided by ISO 8473 as defined in ISO/IEC 10747." <i>with:</i> " Following ISO/IEC 10747, BISPDU's shall be conveyed using the connectionless network service provided by the connectionless network protocol specified in ISO 8473."</p>
95010012.CP	<p>Clarify text referring to ISO 9577 (CP modified after CCB discussion)..</p> <p><u>Section A10.6.4.3.2, Item 7 and paragraph preceding Note 8:</u> <i>replace the following text:</i> " shall only contain a PDU defined by an ISO 9577 SPI." <i>with:</i> " shall only contain an NPDU starting with an SPI listed in ISO 9577."</p>
95010013.CP	<p>Incorrect use of the word "proposed" concerning the security type (which is non-negotiable)</p> <p><u>Section A8.2.2.2:</u> <i>delete the word "proposed" in the following text:</i> " 2. The transport layer shall not alter the proposed TC security specified by the TS-user."</p>

4. Conclusion

A complete copy of Version 1.1 of the Draft ATN SARPs & Guidance Material document has been produced at CENA, but this version has not been distributed, as agreed by WG2 in Melbourne.

The present paper shows all pages from Version 1.1 which contain the agreed changes. These pages can be inserted in the distributed Version 1.0 as change pages, but for most of them they do not exactly map the Version 1.0 page set-up (i.e. some text may either be lost or duplicated if the v1.1 page is directly exchanged with the v1.0 page in a printed copy).

If WG2 approves Version 1.1 as it is presented in this paper, it is proposed to create Version 2.0 which would be identical to Version 1.1 plus the 2 corrected figures (i.e. changes #057 and #205 from 95010001.DR) and possibly some other modifications which could be accepted by the WG2/CCB during the meeting in Toulouse. Version 2.0 could then be distributed via the electronic ATN Validation Archive as it was done with Version 0.0 and Version 1.0.

ANNEX A

Change Pages from Version 1.0 to Version 1.1