

**Aeronautical Telecommunication Network Panel  
Working Group 2  
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Proposed Resolution of Open CCB  
Validation Report Configuration Items (VRCIs)

Presented By: Ron Cossa (FAA / CAASD)

.During the ATN Panel Working Group 2 Rome Meeting, a decision was made to reactivate the CCB process to process and resolve outstanding VRCIs. Based upon this decision, a review and compilation of VRCI status has been performed which recommends closing of all but a few of the currently open VRCIs. Results of this compilation and review are presented in this paper.

References:

- 1) CCB Procedures and Requirements for Defect Reports, Change Requests, Change Proposals, August 1995.
- 2) VRCI Status and Relationship Report - 01 October 1995

## Outstanding CCB VRCIs

### 1.0 Background

During the ATN Panel Working Group 2 Rome Meeting, deliberations concerning the resolution of open VRCIs led to the decision to reactivate the CCB process. The CCB was tasked to review and propose closure for all VRCIs that were superseded by changes to Version 3.0 of the SARPS or which could be otherwise resolved, implemented or withdrawn or rejected.

Based upon a manual compilation and review of VRCI status, there are a total of 19 DRs still open, some of which may have already been resolved by version 3.0 of the SARPs.

After review of the presented listing, it is proposed that 9 of the 19 DRs have in fact been resolved by production of Ver 3.0 SARPS, with only 9 remaining to be decided on by the CCB. In addition, of those remaining open DRs, an additional 7 appear to need only minimal CCB input for resolution. Such resolution for each of these DRs is proposed in this document.

### 2.0 Discussion

The listing of currently open DR's which were judged to be resolved due to version 3.0 implementation:

- |    |             |           |                                     |
|----|-------------|-----------|-------------------------------------|
| 1. | 95010003.DR | 09-Jan-95 | A06 - ISH PDUs                      |
| 2. | 95010006.DR | 28-Dec-94 | A11 - BISPDUs, text replacement     |
| 3. | 95010008.DR | “         | A09 - Network Congestion mechanisms |
| 4. | 95010038.DR | “         | A11 - Security information          |
| 5. | 95010039.DR | “         | A11 - ISO/ATN support               |
| 6. | 95010047.DR | “         | A06 - ISO 10747 support             |
| 7. | 95010049.DR | “         | A10 - Clearing cause diagnostics    |
| 8. | 95010051.DR | “         | A06 - Route advertisement           |
| 9. | 95010052.DR | 09-Mar-95 | Pkg 1 - SARPs production initiation |

The listing of currently open DR's in need of minor resolution include:

- |    |             |           |
|----|-------------|-----------|
| 1. | 95010014.DR | 28-Dec-94 |
| 2. | 95010017.DR | 22-Nov-94 |
| 3. | 95010018.DR | “         |
| 4. | 95010019.DR | 11-Jan-95 |
| 5. | 95010028.DR | “         |
| 6. | 95010029.DR | “         |
| 7. | 95010048.DR | “         |

### 3. Conclusions

This section presents conclusions regarding the continued status of the above indicated DR's:

1. 95010014.DR and 95010017.DR both deal with re-phrasing Item T4F30 in Section 5.2.4.1.3.1.3, ISO 8473 Optional Functions, of the SARPS.

**Present Wording:** "The transport layer shall not concatenate TPDU's from TCs with different transport priorities."

**Proposed wording:** "The transport layer shall not concatenate TPDU's from TCs with different transport priorities or different security types."

2. 95010018.DR refers to Chapter 2.2.2.3 and is not directly related to current SARPS finalization efforts. A minor wording change is requested and is proposed here simply to close the DR.

**Present Wording:** "Because of the differences in the level of air traffic management in the various parts of the world, and the variety of factors that influence transition to the future CNS system, an evolutionary development of air navigation for international civil aviation over a period of 25 years."

**Proposed Wording:** "Because of the differences in the level of air traffic management in the various parts of the world, and the variety of factors that influence transition to the future CNS system, an evolutionary development of air navigation for international civil aviation **is required.**"

3. 0950100019.DR refers to suggested wording changes in Chapter 3.17.2 and it is recommended to approve the requested wording changes to close the DR.

1st sentence: replace "provided with" with "provided by"

3rd sentence: delete and replace by "ATN uses class 4 operation over CLNS."

5th sentence: replace the word "protocol" with "service"

6th sentence: replace "3.18.1 to 3.18.3" with "3.14.1 to 3.14.3"

4. 95010028.DR and 95010029.DR both refer to APRLs in AP 6. In A6.4.1.3, replace "idSecu", "ieSecu" and "iqSecu" with "iSecu".

5. 95010029.DR refers to the fact that ATN requires not to implement the source routing and route recording functions and therefore all items derived from these functions should be notated "OX" in the APRLs.

Change all instances of "iCRR:M" to "iCRR:OX"

Change all instances of "iPSR:M" to "iPSR:OX"

6. 95010048.DR refers to the APRL in section 6.4.22 of the SARPS specifying that the X25 VC Idle Timer is mandatory. It is indicated in the DR that this could be a problem for some air/ground networks and the requirement should be optional "O".

It is recommended to change the section to read:

XIDL - X25 VC Idle- O

The following DR's need to be discussed in more detail with CCB members to come to some resolution:

1. 95010027.DR      22- Dec-94      Sec 6 - APRL change to "OX" *when the link is followed*. Unclear wording as to intent.
2. 95010032.DR      22- Dec- 94      Sec 7 - Ref. to ISO 8473 1994 std. Unclear proposed format.
3. 95010044.DR      22-Dec-94      Sec 7 - Delete (f) & (g) in Sec. 7.6.4.8. Reason unclear.

#### 4. Proposal

It is proposed that:

WG2 accept the above discussions, conclusions and proposed resolutions to provide resolution of outstanding VRCIs. It is recommended that WG2 discuss and resolve those VRCIs indicated above not which do not have a suggested resolution.. WG2 should direct the CCB to move to close these open VRCIs with proposed resolutions.