Report of CCB1

January 16-20, 1995

Melbourne, FL, USA

1. Introduction

The first Configuration Control Board (CCB) meeting was hosted by the MITRE Corporation 16-20 January, 1995, in Melbourne, Florida, USA. This meeting was convened to review/revise CCB procedures, review and act on Validation Report Configuration Items (VRCIs) and resolve issues involved in continued remote CCB operation.

2. Attendance

The following ATNP participants and advisors attended the meeting.

Name	Representing	Organization
Jean-Pierre Briand	Eurocontrol	Eurocontrol
Jean Michel Crenais	France	CENA
Klaus-Peter Graf	Germany	ESG
Guenter Gutzmerow	Germany	DFS
Andreas Herber	Germany	DFS
Dave Sanford	USA	MITRE
Akhil Sharma	UK	CAA
Hélène Thulin	SITA	SITA

3. Meeting Objectives

The purpose of the meeting was to review and refine CCB organization and procedures, validation tools and forms and review, agree on and document the status of available VRCIs.

The meeting agreed to produce this report to document conclusions and recommendations, for consideration during the subsequent ad-hoc ATNP/WG2 meeting.

4. Summary of Meeting Proceedings

4.1 Agenda

The proposed agenda for the meeting was as follows:

1. Meeting Organizational Issues and Schedule

2. Approval of Objectives and Agenda

3. Review WG2 Report Components Relevant to CCB particularly Terms of Reference

4. Discuss CCB organization and process

5. Discuss CCB management tools status and use

6. Discuss validation database changes

7. Discuss draft ATN SARPs status

8. Review, agree and document the status of available VRCIs

9. Address any CCB process issues raised by the VRCI review.

10. Draft CCB meeting report for WG2 approval

11. Review action item list

During the discussion of agenda item 8, it was agreed that VRCIs received via email would be reviewed prior to the review of WG2/1 papers with draft VRCIs, and that DRs would be reviewed in numerical order with corresponding CPs and WG2/1 papers looked at in conjunction with DRs as available. Finally draft VRCIs in San Diego papers not covered were agreed to be reviewed. As amended the agenda was approved.

4.2   Working Papers

Eight working papers were designated for the meeting:

CCB/WP1 - Email VRCIs - VRCI authors
CCB/WP2 - ATN CCB Configuration Management Procedures - F. Colliver
CCB/WP3 - Comments on ATN CCB Configuration Management Procedures - F. Colliver & J. F. Lenotre
CCB/WP4 - Report on ATN Database Modifications - Jean-Pierre Briand
CCB/WP5 - CCB Terms of Reference (WG2 Mtg. Report/Appendix I)
CCB/WP6 - Defect Reports Relating to the ATN Manual - H. Thulin
CCB/WP7 - Report of CCB1 - CCB
CCB/WP8 - ATNP Configuration Control Board (CCB) Configuration Management (CM) Procedures - CCB

4.3   CCB Process/ Validation Tools Use

Based on discussion of the CCB Terms of Reference (CCB/WP5), it was agreed that to resolve issues User Requirement Change Requests (URCRs) would be termed Change Requests (CRs). CRs are submitted to change high level requirements which can either be the requirements of the system users as understood by direct interaction (User Requirements) or requirements on the system infrastructure which may not be perceived by direct interaction of the system user, but are necessary for correct operation of the system (Operational Requirements).

It was noted that no short descriptor phrase identifying the topic is available as part of the email total or elsewhere in the VRCI text. It was agreed that a short title would be sent by the VRCI author which will be inserted in the VRCI body and appended to distributed email subject field. It was noted that this might be cut-off if too long, so should written with distinguishing semantics in the front.

During review of CCB/WP2 and CCB/WP5, it was agreed that following the two week response required for DRs and CPs by CCB members and CRs by WG2 members, the CCB Chair has one week to compile responses, generate status and reason and send out the CCB Decision Message. This notice will be sent via email to the atn-internet-technical list and atn-cm address and will be used by the CM to update the validation archive. This process will start immediately, and the status change notice form will go through necessary automation to be done by the validation archive, but this automation will be done concurrently, so as not to impact CCB process.

With respect to CRs it was agreed that lack of response by WG2 members will indicate "don't care" as opposed to the "responsibility to respond" requirement on CCB members for DRs and CPs.

In cases where DRs are outstanding without CPs, these cases will be reviewed regularly to see if the CCB or WG2 can initiate action to promote closure of these defects. Agreed CPs will be submitted to the ATNP Secretary for change to the ICAO ATN Manual. It was agreed that the submission date used for VRCIs would be the date it is sent out as SUBMITTED from the archive. Discussion of how to view VRCIs on the archive is documented in CCB1/WP3. It was agreed that CCB1/WP2 would be used as the basis for a CCB standing Procedures document. Two status values were added, DRs are RESOLVED when the corresponding CP(s) is implemented in SARPs and CPs and CRs are IMPLEMENTED when implemented in SARPs. If a change proposal without a defect report or change request is submitted it will be rejected by CM with the author notified. Sequential letters were agreed to be added on to file name archived VRCIs to differentiate VRCI versions for FTP access. It was noted that files attached to VRCIs should be sent with readme.txt and will be stored in the /vrci/doc archive directory.

Additional discussion in the meeting produced the diagram below which delineates the submissions, responses and decision points in the process. The CCB members make the CCB decision described in the diagram, which is collated by the CCB Chair. CCB members must be subscribed to the two mailing lists described in the figure (i.e. atn-internet-technical, atn-internet-vrci).
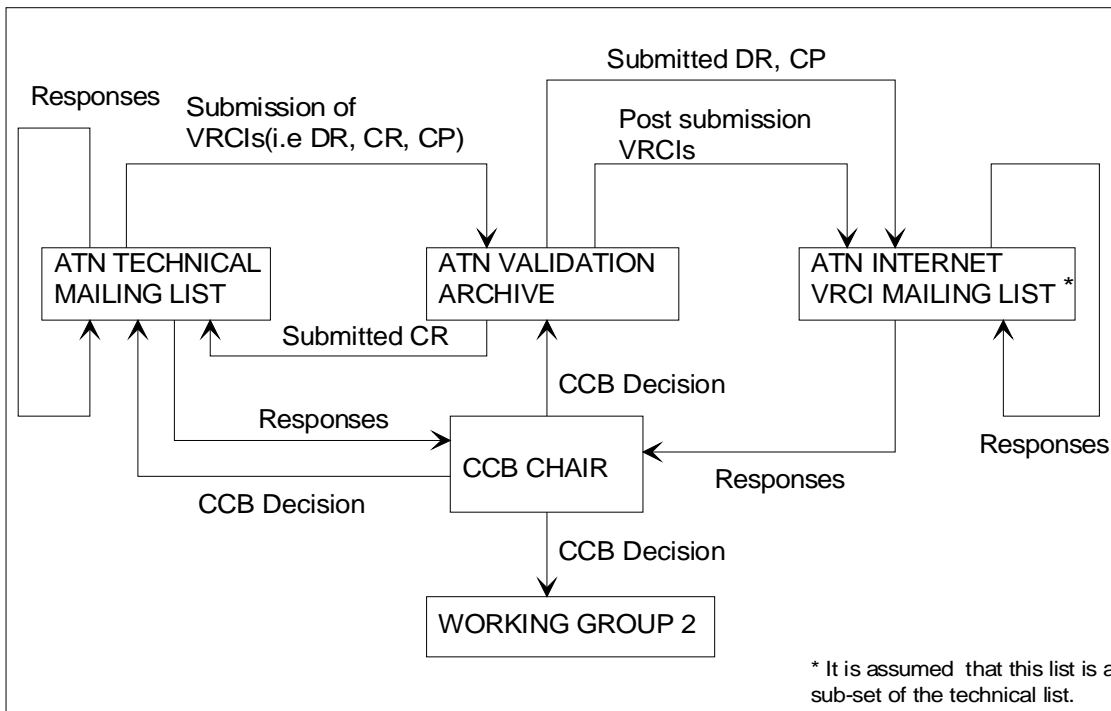
4.4   SARPs Status

It was agreed that Version 1.0 of the draft ATN SARPs will only be available in machine readable form (on the archive) reflecting only the material in DR 95010001 and that no change paper defining the changes from Version 0.0 to Version 1.0 is required as DR95010001 fulfills that function. Version 1.1 is expected by agreement of subsequent VRCIs agreed to based on cut-off dates for WG2 (March). The 1.1 change document is expected to be available 2 weeks before the meeting (Feb. 27). No VRCIs submitted after Feb. 7 will impact the 1.1 change paper. Version 1.0 is expected by Feb. 10 (Feb. 7 preferred to allow the same cutoff date allowing all post 1.1 VRCIs to be based on version 1.0 and later).

4.5   VRCI Review

This agenda item involved detailed review of VRCIs submitted on the atn-internet-technical email list (DRs 95010001-95010050, CP 95010001-95010014) and San Diego Working Group 2 papers containing VRCIs

(WP7,WP22,WP27,WP30,WP34,WP41,WP46,WP50).   All VRCIs were evaluated to determine status taking into account:

a)related agreements in San Diego as documented in the minutes,

b) if they are in the correct form (including whether they should be alternate VRCI types),

c) reason for status, and

d) if rejected what would be required by the author to gain acceptance.

Some of these VRCI items are duplication of material that was brought to San Diego in papers above, and were evaluated in conjunction with the corresponding VRCIs in papers. Below the enumerated discussion on CCB decisions and recommendations is a Summary Table iterating decisions on Defect Reports and Change Proposals.

4.5.1   Recommendations for VRCI authors

For all DRs ACCEPTED without CPs, the CCB recommendations may include guidance for writing the CPs, and these "corresponding CPs" are expected from the DR author or someone else. If CP material already exists in the DR it can be referred to without duplication in the corresponding CP. In all cases a clear defect must be described and justified as such in the DR. Similarly the CP must explicitly call out proposed changes which are free of possible ambiguous interpretation for the SARPs editing process. VRCIs submitted with multiple items were sometimes rejected due to rejection of a single item, when other items in the VRCI would have been accepted. VRCI authors are encouraged to note these recommendations when writing VRCIs to minimize the chance of rejection for other than technical reasons.

4.5.2   CCB Recommendations

DR95010001 - ACCEPTED, the CCB noted that the impact of redline and strikeout in WG2/WP41 which was lost in translation to the plain text needed for the defect report form, and this should be noted in the corresponding CP, by reference to an available archive document.

DR95010003 - The CCB noted that the reference to the first paragraph is actually to the first bullet. The DR was classed as PENDING until the reason for action is better defined and clarification of whether the sentence referred to has been deleted or not from the ICAO Manual.

DR95010004 - Contains 5 items from WG2/WP41 (88,112,151,154,156,181,207) Item 88 does not define the defect, simply asks a question. Although this is a believed defect area no one reading the defect report without prior knowledge would be able to identify the problem. Because this item is REJECTED, the defect report as a whole is rejected. Problem is believed to a mis-match between guidance and draft SARPs in the optionality of SNPA in the join event. Item 112 is also rejected, this item does not identify why or how numbers are inconsistent. Items 151, 154, 156 would be accepted if sent alone, corresponding CP would be needed. Item 181 is believed to be referring to 11.2.2.2, if so CP should contain the correction text proposed. Item 207 would be accepted, CP should contain change text for this and the fourth paragraph. This change would only be accepted with a corresponding change to the reference list.

DR95010002/CP95010001 - This defect report was agreed at WG2/1, so it is ACCEPTED. The CP was also ACCEPTED with the note that future CPs should contain proposed text in quotes.

DR95010005/CP95010002 - Both DR and CP ACCEPTED

DR95010006/CP95010003 - The defect report is ACCEPTED, but the corresponding CP is REJECTED, pending alignment with Version 0.0 or 1.0 draft SARPs text. If the changes described in WG2/WP 30 Item 1 were accurately reflected, it would have been accepted.

DR95010007/CP95010004 - Both ACCEPTED, with the CCB Recommended Action that the words "shall not" appear after "ATN RD" with neither word after "RD_PATH".

DR95010008/CP95010005 - DR ACCEPTED, CP REJECTED for multiple reasons: a) errors due to strike-outs not reflected in email text, b) security parameter is outside security function scope of section, c) the text modified by the CP is not version 0.0, so there are interpretation issues and the requirement and recommendation may not be consistent with respect to inter/intradomain traffic.

DR95010009/CP95010006 - Both DR and CP ACCEPTED

DR95010010/CP95010007 - Both PENDING, because this seems to put requirements on the ES to be able to transfer information to the network layer in a specific manner when: a) other methods are possible, b) it may not be necessary (information may exist statically at the network layer). This may also imply receipt requirement for TS-User of security information, or negotiation between TS-Users which is not necessarily easy or desirable. Further discussion at WG2 meeting and on atn-internet-technical list recommended.

DR95010011/CP95010008 - DR ACCEPTED, CP REJECTED with the note that deleting subnetwork would resolve the defect, but additional work is needed to study congestion avoidance algorithms/impacts (implementation or simulation work is needed in this area).

DR95010012/CP95010009 - DR ACCEPTED, CP REJECTED pending resolution of requirements in APRLs. The resolution of DRs 95010033, 36 and 37 should be looked at in this area.

DR95010013/CP95010010 - DR ACCEPTED, CP REJECTED pending resolution of requirements in APRLs. The resolution of DR 95010033, 36 and 37 should be looked at in this area.

DR95010014/CP95010011 - DR ACCEPTED, CP REJECTED because it contains text problems, still reads as guidance and inserts new sections 1) and 2) between existing 5) and 6).

DR95010015/CP95010012 - Both DR and CP ACCEPTED with the CCB Recommended Action to strike the word "recognizable" and change "a" to "an".

DR95010016/CP95010013 - ACCEPTED both with the note that the comment may equally apply to "proposed" for priority in section A8.2.2.1. CCB welcomes a DR in that area.

DR95010017/CP95010014 - also PENDING for both, discussion at WG2/atn-internet-technical list for DR95010010/CP95010007.

DR95010018 - ACCEPTED, alternate wording such as "is expected" would be expected in the corresponding CP.

DR95010019 - ACCEPTED, explicit justification material is expected in the CP. CP should also include the semantic context and a better change description (This DR was actually a CP masquerading as a DR and in the future will not be accepted in this form, but since all CCB members understood the defect even though it was not sufficiently explained, this was accepted with the proviso that it be explained in the CP).

 DR95010020 - ACCEPTED, this is recognized as something that would require much work to close this, this issue should be discussed at WG2/atn-internet-technical list.

DR95010021 - ACCEPTED Contains 4 items: 1) covered by DR95010001 item 120, 2) Accepted, CP needs to propose explicit changes. ISO Status material is expected in ATN Support, 3) Accepted, in the CP the terminology should be harmonized with TP4 and TP4 terms should not be renamed, but if a term not in TP-4 is needed it can be defined, 4) Accepted, CP should specify plural.

DR95010022 - REJECTED, the table in A8.2.4.1.2.2 means ATN1 or ATN2 must occur. Clarification may be needed in Chapter 4 to say that "X:M" in ATN Support column implies "X:" ISO Status column value.

DR95010023 - ACCEPTED, significant technical discussion is needed previous to accepting a CP in this area. It may be only terminology problems, not new requirements that are needed.

DR95010024 - ACCEPTED, significant technical discussion is needed previous to accepting a CP in this area. Questions include is Congestion Avoidance mandatory in Package 1 or ever. Text should better ensure that if one rule is implemented all are. Guidance in 8.2.6 provides some insight which should be looked at, it may be appropriate to separate sending/receiving algorithm in SARPs.

DR95010025 - ACCEPTED

DR95010026 - REJECTED, O.1, O.2 do not appear to have correct footnote material corresponding to the Protocol Implementation Conformance Statements (PICS) and may need to be changed and/or note material added (A9.6.2). Also DR refers to ATN Requirements column which is not clear. Although the DR identifies a problem, further clarification of the problem is needed before a DR can be accepted.

DR95010027 ACCEPTED with CCB Recommended Action that the CP recommend the use of the ATN Profile Requirements List (APRL) notation "-" (not applicable) vs. OX in this case.

DR95010028 - ACCEPTED, No "iSecu-s" or "iSecu-r" parameter exists in APRLs. CP should confirm that no distinction is needed between receiver and sender for the ATN Requirements involved.

DR95010029 - ACCEPTED, this has the same resolution as 95010027.

DR95010030 - ACCEPTED, CCB Recommendation of the text "When an SNDCF rejects an incoming Call Request, one of the following diagnostic codes shall be used"

DR95010031 - ACCEPTED

DR95010032 - ACCEPTED, CP should include specific text or reference to 8473 for better clarification.

DR95010033 - PENDING resolution of DR 12, 13 (see also CP 9, 10). Note also that the reference is wrong (A11.1.4.2 instead).

DR95010034 - ACCEPTED. Clarification of whether the statement "delete if applicable" should be maintained and in what context is expected in the CP.

DR95010035 - ACCEPTED, CCB recommends that the entire paragraph be considered for re-phrasing in the CP. The requirements reference should be to the appendix material.

DR95010036 - REJECTED, two items. Item 1 would be accepted, but CP author should consult possible changes with respect to DRs 12, 13. Item 2 is rejected multiple comments include 1) Incorrect reference should be in A11.1.2.1, 2) There is no ESISM which should be in A.11.1.4.3, 3) (ESISM):X should remain in the RI column of A11.1.4.3, since no RI information should go over mobile subnetworks.

DR95010037 - ACCEPTED, CP should take into account possible changes to RI with respect to DRs 12, 13. This may negate the need for ESISM referred to in DR 36.

DR95010038 - ACCEPTED

DR95010039 - ACCEPTED, CCB notes that the CP should also address the ATN Requirement column for LQOSR in A11.3.3.12 (M is recommended).

DR95010040 - ACCEPTED, Incorrect reference is noted which should be A5.6. Further analysis may show other defects which could change the resulting CP. Section A5.6 and Table A5-1 should be looked at to confirm that the function specified is appropriate.

DR95010041 - ACCEPTED, CP should also cover a similar problems in section A12.6.1.2.6 referring to C6 used in Template NE-22.

DR95010042 - ACCEPTED, noted that the problem is larger that identified in DR, any solution should probably address other inconsistencies between 10737 and the new edition of 8073, not simply congestion aspects.

DR95010043 - ACCEPTED, Recommended that CP delete the note as well.

DR95010044 - PENDING - CCB agrees that f) should be deleted. Based on CCB analysis, g) may not need to be deleted, but the CCB awaits additional justification from the DR author.

DR95010045 - ACCEPTED

DR95010046 - 8 items. All ACCEPTED. Item 2 is in DR 1 and the CP for item 6 should add the WG2/WP46 editorial item on A8.1.2 as well as another occurrence in A8.3.5.1.

DR95010047 - ACCEPTED, needs additional technical discussion on the WG2/atn-internet-technical list before CP.

DR95010048 - PENDING, needs evaluation of impact on current air/ground subnetwork implementations.

DR95010049 - ACCEPTED, note that it should be looked at in conjunction with the CP for DR 30.

DR95010050 - ACCEPTED, await CP, this should be looked at in conjunction with DRs 11,21 and 24.

DR No.	WP reference	CP reference	Author	CCB decision
DR95010001	WG2-WP41	-	Steve v. Trees	ACCEPTED
DR95010002	WG2-WP34	CP95010001	J.M. Crenais	both, DR and CP ACCEPTED
DR95010003	WG2-WP41	-	Steve v. Trees	PENDING
DR95010004	WG2-WP41	-	Steve v. Trees	REJECTED
DR95010005	WG2-WP30	CP95010002	Tony Whyman	both, DR and CP ACCEPTED
DR95010006	WG2-WP30	CP95010003	Tony Whyman	DR ACCEPTED, CP REJECTED
DR95010007	WG2-WP30	CP95010004	Tony Whyman	both, DR and CP ACCEPTED
DR95010008	WG2-WP30	CP95010005	Tony Whyman	DR ACCEPTED, CP REJECTED
DR95010009	WG2-WP30	CP95010006	Tony Whyman	both, DR and CP ACCEPTED
DR95010010	WG2-WP30	CP95010007	Tony Whyman	both, DR and CP PENDING
DR95010011	WG2-WP30	CP95010008	Tony Whyman	DR ACCEPTED, CP REJECTED
DR95010012	WG2-WP30	CP95010009	Tony Whyman	DR ACCEPTED, CP REJECTED
DR95010013	WG2-WP30	CP95010010	Tony Whyman	DR ACCEPTED, CP REJECTED
DR95010014	WG2-WP30	CP95010011	Tony Whyman	DR ACCEPTED, CP REJECTED
DR95010015	WG2-WP30	CP95010012	Tony Whyman	both, DR and CP ACCEPTED
DR95010016	WG2-WP30	CP95010013	Tony Whyman	both, DR and CP ACCEPTED
DR95010017	WG2-WP30	CP95010014	Tony Whyman	both, DR and CP PENDING
DR95010018	WG2-WP22	-	Tony Whyman	ACCEPTED
DR95010019	WG2-WP22	-	Tony Whyman	ACCEPTED
DR95010020	WG2-WP22	-	Tony Whyman	ACCEPTED
DR95010021	WG2-WP22	-	Tony Whyman	ACCEPTED
DR95010022	WG2-WP22	-	Tony Whyman	REJECTED
DR95010023	WG2-WP22	-	Tony Whyman	ACCEPTED
DR95010024	WG2-WP22	-	Tony Whyman	ACCEPTED
DR95010025	WG2-WP22	-	Tony Whyman	ACCEPTED
DR95010026	WG2-WP22	-	Tony Whyman	REJECTED
DR95010027	WG2-WP22	-	Tony Whyman	ACCEPTED

DR95010028	WG2-WP22	-	Tony Whyman	ACCEPTED
DR95010029	WG2-WP22	-	Tony Whyman	ACCEPTED
DR95010030	WG2-WP22	-	Tony Whyman	ACCEPTED
DR95010031	WG2-WP22	-	Tony Whyman	ACCEPTED
DR95010032	WG2-WP22	-	Tony Whyman	ACCEPTED
DR95010033	WG2-WP22	-	Tony Whyman	PENDING
DR95010034	WG2-WP22	-	Tony Whyman	ACCEPTED
DR95010035	WG2-WP22	-	Tony Whyman	ACCEPTED
DR95010036	WG2-WP22	-	Tony Whyman	REJECTED
DR95010037	WG2-WP22	-	Tony Whyman	ACCEPTED
DR95010038	WG2-WP22	-	Tony Whyman	ACCEPTED
DR95010039	WG2-WP22	-	Tony Whyman	ACCEPTED
DR95010040	WG2-WP22	-	Tony Whyman	ACCEPTED
DR95010041	WG2-WP22	-	Tony Whyman	ACCEPTED
DR95010042	WG2-WP22	-	Tony Whyman	ACCEPTED
DR95010043	WG2-WP22	-	Tony Whyman	ACCEPTED
DR95010044	WG2-WP22	-	Tony Whyman	PENDING
DR95010045	WG2-WP22	-	Tony Whyman	ACCEPTED
DR95010046	WG2-WP46	-	K.-P. Graf	ACCEPTED
DR95010047	WG2-WP46	-	K.-P. Graf	ACCEPTED
DR95010048	WG2-WP50	-	H Thulin	PENDING
DR95010049	WG2-WP50	-	H Thulin	ACCEPTED
DR95010050	-	-	R. Rice	ACCEPTED

Analysis of San Diego WPs for further defect reports

Following the review of the VRCIs the following WG2/1 WPs which contained draft VRCIs were examined to identify issues and other possible VRCIs needed for formal submissions. These papers were:

WG2/WP7 - *Initial Mitre ATN Validation and ICAO Report Generation Process* contains 8 draft defect reports

WG2/WP22 - *Initial Defect Reports identified during ATN Database Development* contains 25 draft defect reports

WG2/WP27 - *User Requirements Derived from the ATN Manual* contains 65 draft user requirements

WG2/WP30 - *Unresolved Defects from SICASP/5* does not contain any defined defect reports, but should be evaluated to see what would be required to generate defect reports

WG2/WP34 - *ATN Manual Defect Report: Allocation of Values to NSAP Selector* which contains one defect report

WG2/WP41 - *Defect Report for Alignment with the ICAO ATN Manual* which contains one defect report with 216 detailed divergences between the "validation manual" and the ICAO manual

WG2/WP46 - *ATN Manual Defects* which contains 4 defect reports

WG2/WP50 - *Changes Requests and defect reports relating to the ATN manual 19 Nov 1993 version* contains 3 defect reports

The results of this review are delineated below:

WG2/WP7: For all WG2/WP7 draft DRs, the format was not correct and these items would be rejected for this reason alone
- ❑ DR issue 2: issue pending, not yet mature experience available; should only be issued once defect can be shown.

❏ DR issue 3: format not correct; if format would be correct, still defect not clear (obviously, requests some guidance on timer values. In this case, CCB should recommend further analysis e.g. by states). Will be submitted with improvements made.

❏ DR issue 4: not clear whether this is a defect in IDRP or ATN manual - would be rejected if issued.

❏ DR issue 7: desirable, but not reachable feature. Would be rejected if issued.

❏ DR issue 8 (desired unidirectional generation of Open PDUs): desirable, should be result in a DR to be submitted, would be accepted if in correct format.

❏ DR issue 9 (QOS mapping between layers): should result in a DR to be submitted, but limitation of CLNP should be made known to WG1 and WG3 to avoid complex definition of QOS parameters which do not map on network layer. This item should be addressed as part of a WG2/WG3 coordination issue. WG2 needs to clearly state CLNP limitations to WG3.

❏ DR issue 10 (join-leave event and timers): explicit defect has to be called out; different organizations are invited to look at this issue.

❏ DR issue 11 (echo request/response messages over air/ground link): defect not clearly understood (why are messages not going over air/ground link?); more detailed reference necessary before submitting DR.

WG2/WP22

❏ covered by submitted DRs

WG2/WP27

❏ await CRs to be submitted by WG2 Task Force

WG2/WP30

❏ section 1 covered in submitted DRs (some accepted, some pending or rejected)

❏ section 2 regarded as a single DR, but until now has to be rejected due to form failure.

WG2/WP34

❏ covered in submitted DR

WG2/WP41

❏ 216 detailed divergences between the ICAO manual and the version 0.0 of SARPs. Covered in submitted DR 1, 3 and 4

WG2/WP46

❏ covered in DR95010046 and 47

WG2/WP50

❏ item 1 withdrawn

❏ item 2 & 3 covered by submitted DRs

4.6   Action Items

CCB Chair will send out the CCB Decision Message(s) following the ad-hoc WG2 meeting

CCB Chair and CM will begin coordination to automate VRCI Update Process

Eurocontrol will update the Database to reflect Version 1.0 SARPs alignment.

CENA will produce soft version 1.0 SARPs to reflect DR95010001.

CENA will produce the Change Proposal corresponding to DR95010001

CCB Chair will produce notification on atn-internet-technical explaining VRCI list scope and use including the fact that DRs and CPs will no longer be sent to the atn-internet-technical list

CAASD to evaluate DR 95010048 within the two week period from submission with respect to the pending status.

5.   Conclusions and Recommendations

This report was compiled, using inputs received from meeting participants, to document the conclusions reached and recommendations to be offered to the subsequent meeting of Working Group 2 (WG2/2). It is recommended:

1. that the Working Group endorse the proposed decisions on defect reports and change proposals as iterated in section 4.5.2 of this report

2. that the Working Group endorse the use of and contents of the "CCB Procedures" document as a standing CCB document;

3. that the Working Group is invited to recognize the Recommendations for VRCI authors in section 4.5.1 in order to maximize the acceptance of submitted VRCIs and minimize the possibility for rejection for administrative and process reasons; and,

4. that the Working Group discuss the issues in the following groupings of attached defect reports and initiate appropriate action to facilitate closure in these areas:

   a) Security issue - DR 95010010, 17

   b) Congestion avoidance - DR95010011, 24, 50

   c) ES-IS Redirection - DR95010012, 13

   d) APRL Consistency - DR95010020

   e) TSAP/Interworking with non-ATN environments - DR95010023

   f) Priority issue in ES-IS - DR95010040

   g) IDRP Default Security - DR95010047