

ATNP/WG3/W
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AERONAUTICAL TELECOMMUNICATION NETWORK PANEL
Working Group 3

South Brisbane, 5-14 February 1996

ATNP/WG3/SG3 Chairman's Report

(Presented by Steve Van Trees)

Summary

ATNP/WG3/SG3 presents accomplishments and prospects for approval by WG3.
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1. Introduction

The paper reviews progress and deliverables produced by ATNP/WG3/SG3 in the period between the Banff and South Brisbane meetings of WG3. The paper then presents activities scheduled through the Munich WG3 meeting in June 1996.

2. Membership

Mr. Steve Van Trees (USA) has chaired the group since the Banff meeting. Dr. Tony Kerr (Eurocontrol), Mr. Frederic Picard (France), Mr. Stephen Pearce (Australia), and Messrs. John Day and Jim Moulton (USA) have contributed great time and effort to the group.

3. Subgroup 3 Meetings

ATNP/WG3/SG3 has held three meetings roughly on a monthly basis since the Banff WG3 meeting.

3.a. Bracknell

An editing meeting was held in November 1995 to complete actions on the Upper Layer (UL) Standards and Recommended Practices (SARPs) taken in Banff. The UL Control Function (CF) was reviewed in detail, and a section on Naming and Addressing was produced.

3.b. Boston

The SG3 meeting in December 1995 reviewed and approved the Bracknell work on the CF. The section on Naming and Addressing was reviewed for correctness, extensibility, and consistency with ground requirements. This completed work on the UL SARPs. They are under configuration control, with Dr. Kerr as the sole editor.

3.c. Toulouse

The SG3 meeting in January 1996 completed work on a preliminary validation approach for UL. Work was also undertaken on CNS/ATM-1 guidance material.

4. Deliverables

As detailed below, SG3 maintains the schedule agreed in San Diego in October 1994. No schedule problems are foreseen for Munich delivery in June 1996.

4.a. CNS/ATM-1 Upper Layer SARPs

The draft SARPs are completed. They are under configuration control. Comments received have been minor editorial in nature.

4.b. CNS/ATM-1 Upper Layer Guidance Material

The draft GM is available at this meeting. It will be reviewed further by SG3 based on WG3 guidance.

4.c. CNS/ATM-1 Upper Layer Validation

The validation plan is available at this meeting. As detailed in the paper, multiple validation implementations are under way.

4.d. CNS/ATM-2 Upper Layer SARPs

A CNS/ATM-2 UL paper is available at this meeting. The next SG3 meeting will be largely devoted to CNS/ATM-2 UL SARPs.

5.0 External Dependencies

5.a. International Organization for Standardization (ISO)

SG3 is actively involved in work incorporating ATN requirements into ISO standards. All CNS/ATM-1 base standards are at international standard status. CNS/ATM-2 requires further ISO work on efficiency enhancements and the next edition of the association control service element (ACSE). These standards are the subject of an ISO meeting to be held in Paris in February 1996.

Mr. Van Trees is the ISO editor of the six efficiency enhancement standards. Mr. Day is the ISO editor of the three ACSE standards.

5.b. International Telecommunication Union (ITU-T)

The ATN community has also been active in support of ITU-T. The ITU-T upper layer efficiency enhancement ('fast-byte') standards were approved in April 1995. ITU-T is involved in maintenance of these standards, and will converge with the ISO efficiency standards in Geneva in April 1996. The ATN community also supports the OSIEFF technical report on efficiency.

6. Conclusion

WG3 is invited to note the schedule and deliverables accomplished and forecast by SG3.