AERONAUTICAL TELECOMMUNICATIONS NETWORK PANEL(ATNP)

WORKING GROUP 3 - APPLICATIONS AND UPPER LAYERS

Langen, 23-26 June 1997 (tenth meeting)

Agenda Item 5 : Ground-Ground Applications

WP/10-14 : SG1 Chairman's report

Presented by Jean-Yves Piram (SG1 Chairman)

Summary

This paper summarizes the work performed by SG1 since the ATNP Working Group of the Whole (WGW) meeting in Thailand.

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1. INTRODUCTION

The goal of this working paper is to report to WG3 about the tasks performed and the results achieved by the Ground Applications Subgroup (SG1), since the 9th WG3 and the ATNP/WGW meetings in Phuket.

2. WAY OF WORKING

The subgroup has not held any formal meeting during this time period.

Informal progress has been performed on a basis of direct contacts and electronic co-ordination, on three main topics:

- development of Guidance Material to be associated to the CNS/ATM-1 SARPs, concerning the two ATN Ground-Ground applications, ATSMHS and AIDC;

- proposal for the SG1 Future Work Program; and

- co-ordination with ICAO regional bodies, and guidance to these groups, aiming at the initiation of an implementation planning process concerning ground-ground ATN applications.

3. WORK PROGRESS

3.1 Guidance Material

3.1.1 ATSMHS

A draft version of the Guidance Material for ATSMHS has been finalized and distributed for comments to SG1 members. This issue is the proposed version 0.4, submitted as a separate WG3 Working Paper.

This version incorporates major additions, and some amendments to the previous versions successively discussed in SG1 between its 8th and 10th meetings. The previous submission to WG3 had been version 0.3, presented in the 8th WG3 meeting (Alexandria).

Comments have been received about this version, but they have not been discussed yet by SG1. It is expected to discuss them off the present WG3 meeting, in an ad-hoc SG1 meeting. Such a discussion should allow to take the expressed comments into account.

Upon conclusion of this process, a proposed baseline version could be produced for WG3 endorsement. The goal for this baseline version would be to be presented to the second Working Group of the Whole meeting (WGW/2) in November 1997, as the "CNS/ATM-1 Guidance Material".

3.1.2 AIDC

An initial version of the Guidance Material for AIDC has been drafted. This issue is the proposed version 0.1, submitted as a separate WG3 Working Paper.

Due to time constraints, this version had not been distributed to SG1 members prior to this WG3 meeting, nor commented by them. It is envisaged that comments could be made off the present WG3 meeting, in an ad-hoc SG1 meeting. Such a discussion could allow to take the expressed comments into account.

The next step is expected to be the completion of the document in its next version, which could be discussed by SG1 in September and presented for endorsement by WG3 at its 11th meeting next October.

3.2 Proposal for SG1 Work Program

Concerning the future work program of the subgroup, beyond the task described above, a proposal has been drafted and submitted to SG1 members. A limited number of comments has been received and taken into account, to produce the version submitted to WG3. This document is submitted as a separate working paper.

The starting point for this program has been the ATNP future work programme, as described in the ATNP/2 report (report on Agenda Item 5).

At the highest level of description, the work program comprises the following topics:

1) Extended ATS Message Service, including the CIDIN/ATN Gateway;

2) Inter-Centre Communications;

3) Directory Service; and

4) Guidance Material for ATSMHS Deployment.

Each of these topics is then refined into more detailed work items and deliverables.

3.3 Co-ordination and Guidance with ICAO regional bodies

Several presentations have been made by experts participating in SG1 in ICAO Regional bodies. Although not a direct SG1 task, these actions are reported here since they contribute to ATN planning and implementation initiatives.

The goal of these presentations was to provide an introduction to the ATN SARPs and to the ground-ground ATN applications, to initiate a planning process aiming at the implementation of these applications.

These groups or meetings were:

- for the EUR region, the annual EUR/AFS meeting on ground-ground communications (Paris, April 1997);

- for the CAR/SAM region, the 1st meeting of the ATN Task Force of the GREPECAS Com Sub-Group (Buenos-Aires, April 1997); and

- for the ASIA/PAC region, the 2nd ATN transition co-ordination meeting (Pattaya, June 1997).

These meetings have demonstrated a strong interest for ATSMHS (ATS Message Service) in all considered regions, and for AIDC in the ASIA/PAC region. Implementation announcements have been made, and ad-hoc planning groups have been set up, aiming at the implementation of the ground-ground ATN.

4. RECOMMENDATIONS

The Working Group is invited to note the information included in the present report, and to endorse the work achieved by the subgroup.

The Working Group is also invited to recommend to the WGW/2 meeting the approval of the ATSMHS Guidance Material, or to provide guidance as appropriate about the finalisation of this material.