AERONAUTICAL TELECOMMUNICATIONS NETWORK PANEL (ATNP)

WORKING GROUP 3 - APPLICATIONS AND UPPER LAYERS

Alexandria (USA), 7th-15th October 1996

Inter-Centre Communications (ICC) over the ATN

Overview of ICC SARPs Material

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Summary

The present working paper proposes modifications to the draft working paper to be presented at ATNP2 containing an Overview of the ICC SARPs Material.

The Subgroup is invited to agree the modifications proposed and to refer these to the WG3 Rapporteur.

1. INTRODUCTION

A working paper to be presented at ATNP2 containing an overview of the ICC SARPs has been produced and distributed recently. A copy of this working can be found at Attachment 1.

The purpose of this working paper is to propose modifications to the above ATNP2 working paper in order to reflect the fact that the SARPs material so far developed by WG3 relates to one of the ICC applications, namely AIDC.

2. DISCUSSION

During the SG1 Toulouse meeting (23-26 September 1996), it was noted that the ICC SARPs only contain material for the AIDC application which is the first application developed for ICC. This is neither refeflected in the above draft ATNP2 working paper nor in the SARPs material itself.

Due to structuring of the ATN SARPs material, it would be difficult to include the relevant material in some form of preamble either in Chapter 3 or in section 3.2 actually containing the AIDC SARPs.

It is proposed that this should be reflected in the ATNP2 working paper containing the overview of the ICC SARPs.

It is furthermore proposed that a section of the ATNP2 working paper includes also a section describing the operational services supported by the AIDC application.

3. PROPOSED MODIFICATIONS

The proposed modifications can be found at Attachment 2 as underlined text.

4. RECOMMENDATIONS

The subgroup is invited:

- to agree that the ATNP2 working paper presenting an overview of the ICC SARPs needs to be modified to reflect that the ICC SARPs developed by WG3 only address a subset of the ICC application, namely the AIDC application; and

- to endorse the modified text at Attachment 2.

ATTACHMENT 1

DRAFT ATNP2 WORKING PAPER

Overview of Inter Centre Communication SARPs Material

ATTACHMENT 2

EXTRACTS FROM THE ATNP2 WORKING PAPER
Overview of Inter Centre Communication SARPs Material

TITLE PAGE

- No Change -

1. INTRODUCTION

- No Change -

2. BACKGROUND

2.1 The AIDC application

As part of its work program, the Automatic Dependent Surveillance Panel (ADSP) has produced the ICAO Manual of Air Traffic Services (ATS) Data Link Applications. Defined in this manual is the ATS Interfacility Data Communication *(AIDC)* application to be used for the exchange of information between ATS Units (ATSUs) in support of critical Air Traffic Control (ATC) functions, such as notification of flights approaching a Flight Information Region (FIR) boundary, coordination of boundary crossing conditions and transfer of control and communications authority.

The Inter Centre Communication (ICC) application defines a set of ATN applications that will support operational services provided by ATS. It is anticipated that these ATN applications will either be pure ground/ground application or a combination of ground/ground and air/ground applications.

As the technical panel dealing with data communications, the ATNP*/WG3* has developed the technical SARPs for the AIDC application based on the work done by the ADSP as the first of the ICC applications.

2.2 Operational services supported by the AIDC application

The AIDC application supports the following operational services:

a) Flight Notification;

b) Flight Coordination;

c) Transfer of Executive Control;

d) Transfer of Communications;

e) Transfer of Surveillance Data (surveillance reports from conventional radar);

f)Transfer of Flight related General Data (free text messages).

3. DISCUSSION

- No Change-

4. RECOMMENDATION

- No Change-