



CNS/SG/2 - WP/19

**AFI PLANNING AND IMPLEMENTATION REGIONAL GROUP
COMMUNICATIONS, NAVIGATION AND SURVEILLANCE SUB-GROUP SECOND MEETING
CNS/SG/2**

INTERNATIONAL CIVIL AVIATION ORGANIZATION

(Dakar, Senegal , 22-25 May 2007)

(Presented by ASECNA)

SUMMARY

The present Working Paper gives a short overview of a workshop organized by ASECNA on **“WRC, 2007 and the stakes for the aeronautical spectrum”**. The composition of the attendees the conclusion reached by the workshop should may be shared, and collaborative actions should be proposed by CNS-SG to reinforce ICAO position for the coming **WRC, 2007**.

Agenda Item 8: Review of ICAO Position and preparation of the WRC-2007

Overview of the conclusion of the Workshop on the WRC-07 and the stakes of Aeronautical Frequencies Spectrum

1. Introduction

The World Radio Communications Conference 2007, to be hosted in Geneva from 22nd October to 16th November 2007 is a very important issue for the Air Navigation Service Provider, regarding the aeronautical spectrum, more and more coveted but necessary to provide Air Navigation Service.

In the framework to prepare this important meeting, ASECNA has organized in coordination with French Direction General for Civil Aviation (DGAC) , EUROCONTROL, French National Agency for Frequencies Management (ANFR), a seminar on “WRC, 2007 and the stakes for the aeronautical spectrum” which was hosted from 06th to 08th February, 2007 in Dakar (NGOR DIARAMA Hotel).

ASECNA neighbour ANSP were invited at this meeting.

This workshop was attended by **ICAO WACAF Office, ITU Regional Office in Dakar, Gambia Civil Aviation Authority (GCAA), Morocco Office National des Aeroports (ONDA), Senegal National Agency for Telecommunications Regulation (ARTP)** one representative from each ASECNA membership countries and ASECNA headquarters experts.

More than one hundred (100) people attended the workshop.

2. Discussion

The meeting focussed on the stakes for the aeronautical spectrum in the technical and institutional levels.

The attention of the attendees was specially addressed on the importance of the collection and the registration of the aeronautical frequencies and the fight against interferences, the national, regional and international coordination actions to be taken to protect the aeronautical spectrum and the preparation of the coming WRC-2007.

ICAO position was presented, explained by WACAF and discussed.

The meeting drew Five (05) conclusions consisting on the participants own engagement to process some actions and sixteen (16) recommendations towards ASECNA head.

Some of the conclusions/recommendations of this workshop may be shared in a regional framework under ICAO leadership:

- **Conclusions and recommendations proposed to enhance internal frequencies spectrum management and to prepare the WRC-2007**

Theses conclusions/recommendations are related to practical actions to be taken by ASECNA Centres and head quarter regarding for example:

- Frequencies assignment methodology;
- Frequencies registration;
- Supporting Civil Aviation Authority in their actions towards National Agencies for Telecommunications Regulation;
- Analysis and registration of local occurred interferences.

The necessity to modernize the frequency spectrum management tools was raised up: registration forms, frequencies spectrum handling Data Bases, training....

- **Conclusions and recommendations proposed to enhance regional frequencies spectrum management and to prepare the WRC-2007**

Theses conclusions/recommendations are related to regional actions to be taken in a cooperative context for example:

- Regional coordination to prevent or detect and suppress interferences;
- Experience sharing in frequency spectrum management;
- Enhancement of the cooperation with the telecommunications organisation ITU, ATU by participating to Radio COM meetings;
- Enhancement of the cooperation between ICAO, IUT, ATU and Civil Aviation Authorities;
- Protection of the aeronautical satellite communications frequencies;

- Regional preparation of the WRC-2007 by supporting ICAO position.

3. CONCLUSION

Because of the importance of the Aeronautical frequencies spectrum-*the main resource for CNS/ATM therefore for air navigation safety*- it was advisable to organize such a workshop in order to:

- Put ASECNA technical and operational teams at a same level of investigation and action by hearing various experiences from regulators (Senegal ARTP), Europe (EUROCONTROL, France National Frequencies Management Agency) International UN Organization IUT & ICAO ;
- Share with the others ANSP teams the experience in the Aeronautical frequencies management;
- Open the doors to set up a regional cooperation regarding the stakes for the aeronautical frequencies spectrum.

The meeting is invited to:

- note the informations given above;
- discuss, amend and endorse ASECNA proposals regarding the necessity to set up a regional specialize sub group to protect the aeronautical frequencies spectrum and fight against interferences under ICAO leadership;
- support ICAO position by working closely to Civil Aviation authorities and Telecommunications Regulation Agencies;
- take a conclusion / recommendation to address APIRG 16th .