



INTERNATIONAL CIVIL AVIATION ORGANIZATION
Second Meeting of the AFI Frequency Management Group
(AFI/FMG/2)
Dakar, Senegal, 18-19 April 2011

Agenda Item 3: **Follow up APIRG/17 outcomes pertaining to Frequency Management**

Actions for frequency management in ASECNA area

(Presented by ASECNA)

Summary

The present working paper gives a progress report on the actions undertaken by the ASECNA within the framework of the frequency management.

In conclusion, it encourages States to support ICAO actions regarding frequency management and recommends them to undertake actions to solve the problems of interference on the aeronautical frequency bands.

1. Introduction:

The present working paper exposes the actions undertaken by the ASECNA regarding frequency management since the first AFI/FMG meeting held on October 2009.

2. Discussion:

The first action made within this framework was sending a letter to all ASECNA representatives on November 2009 requiring them to take fastener with the Telecommunication Regulatory Authorities to participate at the national commission in the preparation of the WRC 2012.

In February 2010, the meeting of our heads of operational telecommunications of ASECNA centers was held in Douala. Among the agenda items of the meeting, the points concerning the frequency management and the stake of WRC 2012 for the aeronautical frequency bands were discussed. Participants were sensitized on:

- The registration of the operational frequencies to the Telecommunication Regulatory Authorities of each State (Conclusion 17/36 of APIRG meeting);
- The update of ICAO COM list (Conclusions of AFI/FMG 1);
- The management interference cases.

Following the meeting, ASECNA updated and transmitted to ICAO Regional Office the updated COM lists 1, 2 and 3.

In addition, within the framework of the SP AFI RAN (Durban, South Africa 24–29 November 2008) Recommendation 6/20 (*Improvement of air-ground high frequency (HF) communications in the AFI Region through use of ionospheric propagation forecasts*), ASECNA, in January 2011, gave to each of her managed centers, a software for ionospheric forecasting. The results and the survey of HF will be transmitted to ICAO Regional Office as soon as that is available.

The ASECNA, by its representative in Benin, also took part in the first preparatory meeting for WRC 2012 organized, in Abuja Nigeria, by the ATU from 1st to 3th February 2011 as observer.

Lastly, ASECNA is organizing from 20th to 22nd, April 2011 a preparatory seminar for WRC 2012, to which the ANSPs of the Region are cordially invited.

In spite of these actions, the cases of interferences are always of topicality in ASECNA area. The complaints made by the centers near the Telecommunication Regulatory Authorities do not often bring suitable solutions. Then, the easy solution undertaken is to change the scrambled frequency by coordination with the ICAO Regional Office what does not prevent us from future in terferences in particular by non aeronautical users.

3. Conclusion:

The meeting is invited to

- take note of the information transmitted in this working paper;
- encourage States in the support of the actions undertaken in the management of the aeronautical frequencies
- urge AFI States to undertake the effective solutions to solve the problems of interference in the frame of the Required Communication Performance concept as stated by APIRG/17 Conclusion 17/26: **IMPLEMENTATION OF RCP CONCEPT:**

(That:

- a) *States take the advantage of RCP concept stated in ICAO Doc 9869 to improve the provision of aeronautical mobile service (AMS) meeting service level agreements; and*
- b) *ICAO support the implementation of the RCP concept through Regional Seminars and Workshops)*