



INTERNATIONAL CIVIL AVIATION ORGANIZATION
Second Meeting of the AFI Frequency Management Group
(AFI/FMG/2)

Dakar, Senegal, 18-19 April 2011

Agenda Item 2: Follow up of the conclusions and decisions of the first meeting of AFI/FMG
(AFI/FMG/1-September 2009)

(Presented by ASECNA Rapporteur of the Group)

Summary

The present working paper reviews the activities within the framework of the management of the frequencies and recommends the implication of States in the support to ICAO actions for the protection and the optimum usage of the aeronautical frequency bands

1. Introduction:

APIRG/ 16 (Rubavu, Rwanda, 19-23 November 2007) by the conclusion 16/32 decided the creation of a group for the management of the frequencies in the AFI Region. AFI/FMG held its first meeting in October 2009. The objective of this working paper is to expose the various activities developed in the AFI and the other Regions with regard to the frequency management.

Thus, in its first part, it follows up of the status of implementation of the conclusions and decision taken by the first AFI/FMG meeting. Then, conclusions taken during APIRG 17 meeting and regarding the frequency management will be developed, and it gives us a view of ACP WG/F works. And finally, the preparations of the AFI for WRC 2012 will be exposed.

2. Discussion:

2.1. Follow-up on the conclusions of AFI/FMG 1 Meeting:

The first meeting of AFI/FMG (Dakar, Senegal, 1, 2 October 2010) made a decision and adopted four conclusions. The decision is related to the appointment of the Rapporteur of the Group and the Conclusions related to the management of the frequencies in COM list 3 and its update. The list and implementation status of these conclusions are presented in **Appendix A** to this paper (See WP 04 for updated details)

On September 2009, ICAO introduced through a training seminar a data based frequency management software. A second seminar was organized in Nairobi on December 2010, during which a new version of the software was presented (*see WP 06A and WP06B*).

2.2. Conclusion of Meeting APIRG 17 on the management of the frequencies and their follow-up:

APIRG 17 Meeting took conclusions regarding frequency management:

By the conclusion 17/36, States are invited to record to their Telecommunication regulatory Authorities all operational frequencies. In addition to that, an update of COM list should be sent at the ICAO regional offices (ESAF & WACAF)) for updating the data base.

By conclusion 17/37, APIRG/17 nominated Ghana, Kenya and South Africa, to develop a draft position for the AFI region on respectively WRC 12 Agenda items 1.3, 1.4 and 1.7 to be submitted to AFI/FMG 2meeting, the Rapporteur of the Group was tasked to coordinate and ensure the follow-up of the action plan of the Group, and to report to the CSN/SG meeting.

By conclusion 17/35, it was requested from States concerned with footnotes 5.330, 5.362b and 5.362c to contact urgently their Authorities of Regulations of Telecommunications in order to remove its references. For memory, footnote5.330 refers to the frequency band from 1215 MHz to 1300 MHz allocated to satellite radionavigation while footnotes 5.362b and 5.362c refers to the frequency band between 1559 MHz and 1610 MHz allocated to the satellite aeronautical radionavigation (GNSS).

By conclusion 17/38, APIRG/17 calls for the non-application of charges for the utilization of aeronautical frequency spectrum.

Lastly, by conclusion 17/34, States and ANSPs were urged to actively participate to the preparatory meetings for WRC 2012 on the national and regional levels in order to ensure that ICAO position for WRC 12 is taken into account in the national positions for IUT WRC 12.

2.3. Follow-up of the activities ACP WG/F:

Three meetings of the working group “Frequency” of Aeronautic Communication Panel was held since the first AFI/FMG meeting with the following agenda items:

- Revision and development of the ICAO Spectrum Handbook (Doc. 9718)
- The production of material for of the ITU (R) work, and that relates to the agenda items 1.3, 1.4 1.7 and 1.25 of the WRC 2012 ,;
- Production of material for the regional meetings of the telecommunications organizations;
- Interference cases coming from no-aeronautical sources.

2.4. Preparation for WRC 2012:

The World Radio communication Conference WRC 2012 is scheduled from 23rd January to 17th February 2012 in Geneva, Switzerland and the preparatory process at is on going in the various regions.

In AFI Region, a preparatory meeting organized by ATU (African Telecommunication Union) WRC 2012 was held in Abuja (Nigeria). The ICAO position for WRC 2012 was presented at this meeting. Preparations for the regional level and at ITU, the procedures to submit proposals to the meeting and the agenda items were been developed (*See WP 08*).

Following this AFI/FMG second meeting, a preparatory seminar for WRC 2012 is organized by ASECNA from 20th to 22nd April for the AFI ANSPs.

3. Conclusion:

The meeting is invited to

- Take note of the information passed on in this working note;
- Make sensitive States to support the ICAO position regarding the aeronautical frequency bands .management, and protection for WRC 2012
- Reinforce regional and international cooperation in the detection and the prevention against RFI;
- Pursue the actions to assure the protection of Satellite Fixed Service used for aeronautical services and the implementation of a regulatory framework for the usage of VSAT technology in AFI region

LIST OF CONCLUSIONS/DECISIONS

Number	Title	Action by	Status
Conclusion 1/1	ICAO to analyze the current assignments in the ICAO frequency list 3 (VHF COM) in order to identify potential harmful interference between COM assignments and submit these to the relevant ICAO contracting States for further consideration	ICAO and states /Organizations	On going
Conclusion 1/2	That from the planning criteria in COM list 3 references to a 50 NM buffer around area services be deleted as well as all references to SST operations.	ICAO	On going
Conclusion 1/3	That the planning criteria for VDL, as contained in Appendix D of the workshop report be incorporated in COM list 3	ICAO/	On going
Conclusion 1/4	That COM list 3 should be updated with the identification of extended range facilities	ICAO and states /Organizations	On going
Decision 1/1	That lack of participation of African States in ACP-WG-F meetings, and considering that ASECNA represent 17 African States, APIRG should consider the Group's nomination of ASECNA as its rapporteur	AFI/FMG	ASECNA appointed as rapporteur