



INTERNATIONAL CIVIL AVIATION ORGANIZATION

AFI Planning and Implementation Regional Group Thirteenth Meeting

(APIRG/13)

(Sal, Cape Verde, 25 - 29 June 2001)

Agenda item 4.2: Review of the report of the COM/SG/5 Meeting

Introduction of 25kHz VHF channel spacing in the AFI Region

(Presented by the Secretariat)

SUMMARY

This information paper reviews a survey of States for the introduction of 25 kHz VHF Aeronautical Mobile Service channel spacing in the AFI Region.

Action by the Meeting is at Para 3

Reference:

- AFI/6, AFI/7, APIRG/12 Reports
- Information from States.
- COM/SG/5 Report

1 Introduction

1.1 The AFI/6 RAN Meeting recommended that the ground and/or aircraft VHF stations should meet Annex 10 specifications for frequency stability and selectivity in order to accommodate the many aircraft in the AFI Region equipped to operate within a 25 kHz VHF channel spacing environment.

1.2 When reviewing the future work programme of the Communications Sub-Group (COM/SG), APIRG/12 Meeting assigned to the COM/SG to carry out a review of the VHF frequency utilization plan. In this regard, a survey of States for the introduction of 25 kHz channel spacing was carried out.

2 Discussion

2.1 The secretariat made a survey of AFI States in order to ensure that their VHF AMS facilities could meet Annex 10 specifications for frequency stability and selectivity appropriate to 25 kHz VHF channel spacing. The Meeting may recall that the current VHF AMS frequency utilization plan in the AFI Region is based on 100 kHz channel spacing.

2.2 Among the 33 AFI States which have replied to the survey, 23 have already implemented the 25 kHz VHF channel spacing while 9 others are ready to do so. Only one State replied that it was not ready.

2.3 The COM/SG/5 meeting reviewed and adopted the draft new VHF utilization Plan based on 25 kHz channel spacing on condition that all States in the AFI Region be ready to implement 25 kHz VHF

channel spacing. It agreed therefore that the draft VHF utilization plan be presented to APIRG/13 with the status of readiness in implementation of 25 kHz VHF channel spacing of the AFI States.

2.4 The status of readiness in implementation of 25 kHz is shown at Appendix to this paper.

3. Action by the Meeting

3.1 The APIRG is invited to:

- a) - note the information contained in this paper; and
- b) - deliberate on the readiness of the introduction of 25 kHz VHF channel spacing in the AFI Region and therefore adopt the revised VHF frequency utilization plan (APIRG/13 - WP/5).

- END -

APPENDIX

| STATES | COMMENTS | REMARKS |
|-----------------------------|-------------|---------|
| 1. Algeria | Implemented | |
| 2. Benin | Implemented | |
| 3. Burkina Faso | Implemented | |
| 4. Burundi | Ready | |
| 5. Cameroon | Implemented | |
| 6. Central African Republic | Implemented | |
| 7. Chad | Implemented | |
| 8. Congo | Implemented | |
| 9. Cote d'Ivoire | Implemented | |
| 10. Egypt | Implemented | |
| 11. Equatorial Guinea | Implemented | |
| 12. Ethiopia | Ready | |
| 13. France (La Réunion) | Ready | |
| 14. Gabon | Implemented | |
| 15. Gambia | Ready | |
| 16. Ghana | Implemented | |
| 17. Kenya | Implemented | |
| 18. Lesotho | Not ready | |
| 19. Madagascar | Implemented | |
| 20. Malawi | Ready | |
| 21. Mali | Implemented | |

APPENDIX

| STATES | COMMENTS | REMARKS |
|------------------|-------------|---------|
| 22. Mauritania | Implemented | |
| 23. Niger | Implemented | |
| 24. Nigeria | Ready | |
| 25. Senegal | Implemented | |
| 26. Seychelles | implemented | |
| 27. South Africa | Ready | |
| 28. Swaziland | Ready | |
| 29. Tanzania | Implemented | |
| 30. Togo | Implemented | |
| 31. Tunisia | Implemented | |
| 32. Zambia | Ready | |
| 33. Zimbabwe | Implemented | |
