



MET/SG/7-WP/8

**INTERNATIONAL CIVIL AVIATION ORGANIZATION
WESTERN AND CENTRAL AFRICAN OFFICE
AFI PLANNING AND IMPLEMENTATION REGIONAL GROUP (APIRG)**

METEOROLOGY SUB-GROUP SEVENTH MEETING

(Dakar, 11 - 13 April 2005)

Agenda Item 7: Challenges facing AFI Meteorological services

(Presented by the Secretariat)

SUMMARY

This paper reviews challenges facing the majority of the AFI meteorological services in particular autonomous management, cost recovery and introduction of quality assurance.

REFERENCES

Reports of WACAF DGCA/1, DGCA/2 Meetings
Reports of APIRG/13, APIRG/14 Meetings
Annex 3

1. Introduction

1.1 It may be recalled that the Sub-group at its sixth meeting in 2002 analyzed challenges facing the majority of the AFI Meteorological Services. It would appear appropriate to review the situation in order to assess improvement made.

2. Discussions

2.1 The MET/SG identified a number of challenges facing the AFI MET Services in particular autonomous management, cost recovery, qualified personnel in sufficient number and introduction of quality management systems. It was emphasized the need for MET services to take up these challenges. The MET/SG/6 Meeting formulated relevant conclusions which were subsequently approved by the APIRG/14 Meeting.

2.2 As a follow-up to these conclusions the AFI Regional offices encouraged the States to establish cost recovery systems of aeronautical meteorological services. To that end seminars were organized by ICAO WACAF and ESAF Offices to sensitize and assist AFI States.

CONCLUSION 6/- COST RECOVERY OF AERONAUTICAL METEOROLOGICAL SERVICES

THAT:

STATES IN ESTABLISHING A COST RECOVERY SYSTEM OF AERONAUTICAL METEOROLOGICAL SERVICES SHOULD USE RELEVANT ICAO AND WMO DOCUMENTS AND COOPERATE WITH AIRPORTS, AIR NAVIGATION SERVICES AND OTHER AERONAUTICAL PARTNERS.

CONCLUSION 6/- AUTONOMOUS ENTITIES AND METEOROLOGICAL SERVICE FOR AIR NAVIGATION

THAT, WHEN CONSIDERING THE ESTABLISHMENT OF AUTONOMOUS ENTITIES TO MANAGE THEIR AIR NAVIGATION SERVICES, STATES SHOULD TAKE DUE ACCOUNT OF THE PROVISION OF METEOROLOGICAL SERVICE TO AIR NAVIGATION.

2.3 Acquisition of latest version of SADIS workstation software is also another challenge for AFI States, however this provision is being addressed adequately by the SADISOPSG and information on this subject is given in WP/10 by the SADIS provider State the Limited Kingdom.

2.4 The needs for aviation personnel in quality and quantity is essential for efficient management of AFI aeronautical meteorological services in consideration of quality management. Aeronautical meteorological services should stress on quality assurance.

CONSLUSION 6/- QUALITY MANAGEMENT

THAT STATES SHOULD GIVE PRIORITY TO QUALITY MANAGEMENT WITHIN SYSTEM (ISO 8402) IN ORDER TO IMPROVE METEOROLOGICAL SERVICE FOR INTERNATIONAL AIR NAVIGATION.

2.5 Challenges pertaining to Communications, Navigation and Surveillance, Air Traffic Management (CNS/ATM) System are dealt with in WP/12.

Emphasis was also laid on the establishment of autonomous entities to manage meteorological services. Seminars on introduction to quality management have been programmed to take place in 2005, 13 - 14 April 2005 immediately after MET/SG/7 Meeting, second quarter for WACAF area and fourth quarter for ESAF area.

3. Action by the MET/SG

3.1 The MET/SG is invited to:

- Note the information provided on the follow-up on challenges facing the AFI MET Services.
- Advise on further action to be considered.
