

**WORLD METEOROLOGICAL ORGANIZATION**

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CBS/OPAG-IOS/ET-ABO-1/5.2.3.1

**COMMISSION FOR BASIC SYSTEMS**  
OPEN PROGRAMME AREA GROUP  
ON INTEGRATED OBSERVING SYSTEMS

04.09.2013

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**EXPERT TEAM ON AIRCRAFT-BASED OBSERVING SYSTEMS**  
**FIRST SESSION**

ITEM: 5.2

Original: ENGLISH

Geneva, Switzerland, 10-13 September, 2013

## **STATUS & PROGRESS ON ET-ABO WORK PLAN TASKS 2013-14**

### ***Global and Regional ABO & AMDAR Program Development***

Development of AMDAR Regional Implementation Plan for ASECNA

*(Submitted by [NGAMINI, ASECNA])*

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## **SUMMARY AND PURPOSE OF DOCUMENT**

Provides a progress and activity report for the ASECNA  
AMDAR Programme

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## **ACTION PROPOSED**

The Session is invited to note and discuss the contents of the document.

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## **DEVELOPMENT OF AMDAR REGIONAL IMPLEMENTATION PLAN FOR RA I**

### **Current Status**

1. The AMDAR program within ASECNA has not improved that much since the last meeting. ASECNA as well as the entire region is waiting for the equipment of the main companies that serve the region to be equipped with the AMDAR devices. Even though the ending investment plan for ASECNA has a line of credit for AMDAR, we have not been able to move forward because the aircrafts that serve the region do not collect AMDAR data.
2. A survey at the Dakar airport shows that only a couple of airline companies (Lufthansa and South African Airways) provide AMDAR data that can be used in the local forecasting needs. Other ASECNA airports do not receive any AMDAR data from the aircrafts that actually use those airfields.
3. It's appears in the survey that during the night, the airfield situated in the main north – south roads can collect AMDAR data from overflying aircrafts.
4. Air France, Kenya Airways, Ethiopian and Royal Air Morocco, the main carriers that made regular flight in the majority of the airport in the region do not provide any AMDAR data since the aircrafts used are nor equipped for AMDAR data collection.

### **Future Plans**

5. Dakar airport is equipped to collect AMDAR data from the USA and Europe and the data collected is used in the forecasting service. ASECNA is in the process of replacing the SADIS (Satellite Distribution System) equipment in the entire network and the new SADIS will be able to collect AMDAR data, at least the data provided by over flying aircrafts.
6. ASECNA has a new five years plan starting on January 2014 and is expecting to have the AMDAR program operational during that period. The assistance in the implementation process is welcome from WMO, E-AMDAR or any other institution.