



**INTERNATIONAL CIVIL AVIATION ORGANIZATION  
WESTERN AND CENTRAL AFRICA OFFICE**

**Third Meeting of the Central Atlantic FIR satellite Network  
(CAFSAT) Management Committee (CNMC/3)**

**(15-16 July 2013, Dakar, Senegal)**

**Agenda Item 1: *Luanda CAFSAT Station Implementation Project***

(Presented by Angola)

<b>SUMMARY</b>
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<i>This Information Paper presents the current status of Implementation of the Luanda CAFSAT Station Project.</i>
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**1. INTRODUCTION**

1.1 Angola air navigation Service provider ENANA is seriously engaged in the project to implement the Luanda CAFSAT Station at the International Airport "4 de Fevereiro" with the view to provide availability of communication service through ATS/DS voice and AFTN/AMHS data circuits between Atlántico and Luanda ACCs.

1.2 On current year of 2013 ENANA and ISDEFE of Spain signed two contracts to supply equipment and provide a service that includes the design, installation, testing and commissioning of satellite communications system in Luanda, The Luanda CAFSAT Station, which will be part of the CAFSAT network.

1.3 The project consists on the implementation of a C-Band VSAT Station in Luanda, which will establish the ATS/DS voice circuits between Luanda and Recife and provide the coordination capability between Air Traffic Controllers.



## **2. DISCUSSION**

### **2.1 Current Status of Implementation of Luanda CAFSAT station**

- Factory Acceptance Test was carried out in Madrid from 20<sup>th</sup> to 24<sup>th</sup> of May 2013;
- Concluding the INACOM form required to make available the CAFSAT station License and the equipment before arriving in Angola;
- Concluding the forms required to hiring space capacity and registration of the CAFSAT station with the INTELSAT;
- Coordinating with the companies FREQUENTIES (VCCS) and COMSOFT (AMHS) to provide their contacts to ISDEFE in order to clarify the ATS and data circuits;

### **2.2 Short and Medium Term planned Actions – From August to September**

- Ensure the approval of the forms by INACOM and INTELSAT;
- Contact Brazil to ensure coordination with ground station of Recife and Luanda to effect circuit communication through AFTN Protocol AMHS;
- Organize a familiarization visit to Portugal to ensure coordination with ground station of Lisbon to effect data circuit communication through AFTN Protocol AMHS;
- Equipment delivery;
- Equipment installation;
- Training & Site Acceptance Test;
- Trial base period

### **2.3 Long term planned Actions – From October to November**

- Informing to airlines and SAT community on the establishment of the circuit
- Operational Assessment;



- Publication of an AIC for starting Full operation;
- Established/Updated LoA with Atlántico;
- Development of a sustainable maintenance policy Plan and Programme

### **3. CONCLUSIONS**

The meeting is invited to take note of the information presented by this information paper.