



**INTERNATIONAL CIVIL AVIATION ORGANIZATION**  
**WESTERN AND CENTRAL AFRICA OFFICE**  
**Ninth Meeting of the CAFSAT Network Management Committee (CNMC/9)**  
**Luanda, Angola, 3-4 June 2019**

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**Agenda Item 4: CAFSAT re-engineering and modernization**

**CAFSAT stations upgrade. Phase II.**

(Presented by Portugal)

**SUMMARY**

**This Working Paper presents the current situation of implementation of CAFSAT stations – Phase II.**  
**Reference:: Document “Technical Study for CAFSAT network upgrade – February 2012“.**  
**CNMC/6 - Conclusion 6/08**  
**CNMC/7 - Meeting report –Paragraph 4.5**  
**CNMC/8 – Conclusion 8/07**  
**CNMC/8 – Decision 8/08**

**1. INTRODUCTION:**

According Conclusion CNMC 8/07, in order to ensure harmonization, the implementation of CAFSAT nodes – Phase II shall be conducted in accordance with the guidelines (CNMC/8 - WP 06 refers) and block diagram of Appendix E to the report of CNMC/8 meeting.

Taking into account Decision CNMC 8/08, States shall report their update CAFSAT re-engineering Plan – Phase II, by 30 09 2018.

The update Action Plan for CAFSAT Re-engineering Phase II shall be according Appendix F to the report of CNMC/8 meeting.

**2. DISCUSSION**

The diagram of Appendix E to the report of CNMC/8 meeting considers that modems (modulator and demodulators) should be the Comtech DMD20 or the Comtech DMD20 LBST.



Meanwhile Comtech announced (July 2018) that Comtech DMD20 and Comtech DMD20 LBST are no longer available for new projects and Comtech CDM-570A or Comtech CDM-625A shall be used instead.

In order to facilitating the coordination of the re-engineering of Phase II of CAFSAT nodes, a table is proposed to be fulfill by States with relevant information.

Station	Current situation	Schedule	Notes
Casablanca		2019	1)
Dakar			
Ezeiza			
Johannesburg			
Las Palmas		2019	1)
Lisbon	Done. October 2017.		
Luanda	Done. 2016		
Nouakchott			
Recife			
Sal	Done. December 2017		
Santa Maria	Done. October 2017.		

Table 1

**Notes:**

- 1) Call for tender to be done during 2019.

**3. ACTION BY THE MEETING:**

The meeting is invited to:

- Note the information of this WP;
- Complete the missing information of Table 1.

-END-

(2 pages)

CNMC\_9 WPYY\_ CAFSAT\_modernization and re-engineering\_phase II