



INTERNATIONAL CIVIL AVIATION ORGANIZATION

WESTERN AND CENTRAL AFRICA OFFICE

**Twenty-Third Meeting on the Improvement of Air Traffic Services over the South Atlantic
(SAT/23)**

Durban, South Africa, 6-8 June 2018

Agenda Item 3: Communications, navigation and surveillance (CNS) (by the CNS Working Group)

AMHS IMPLEMENTATION

(Presented by the ASECNA)

SUMMARY
This paper provides updates to the meeting on the progress made by ASECNA towards the implementation of ATS Message Handling System (AMHS).
REFERENCE(S): SAT/21 <ul style="list-style-type: none">• Conclusion 21/16: Interconnection of AMHS systems between AFI and SAM regions
Related ICAO Strategic Objective(s): A & B

1. INTRODUCTION:

The twenty-first SAT meeting, held from 06 to 10 June 2016 in Lisbon, Portugal, recommended That, in order to implement the AMHS circuits between Buenos Aires and Johannesburg, Recife and Dakar, Argentina, Brazil, Senegal and South Africa:

- a) Nominate by end of July 2016 AMHS interconnection focal points and initiate the elaboration of a study for the interconnection of their AMHS systems in accordance with the AFI and SAM regional ATN routing tables
- b) Organize in this respect a monthly AMHS focal points teleconference with secretariat (ICAO Regional Offices Lima and Dakar) to follow up the progress, with the first teleconference starting on 4th August 2016

This working paper reports on the status of implementation of ATS Messaging Handling System (AMHS).

2. DISCUSSION:

Since 2014 ASECNA developed an AMHS project for the smooth implementation of ATS messaging (AMHS) in accordance with ICAO and the regional plan.

To date, AMHS systems are implemented and fully operational in ten (10) centers. Since August 2017, Circuits AFS between ASECNA centers are operating in full AMHS.

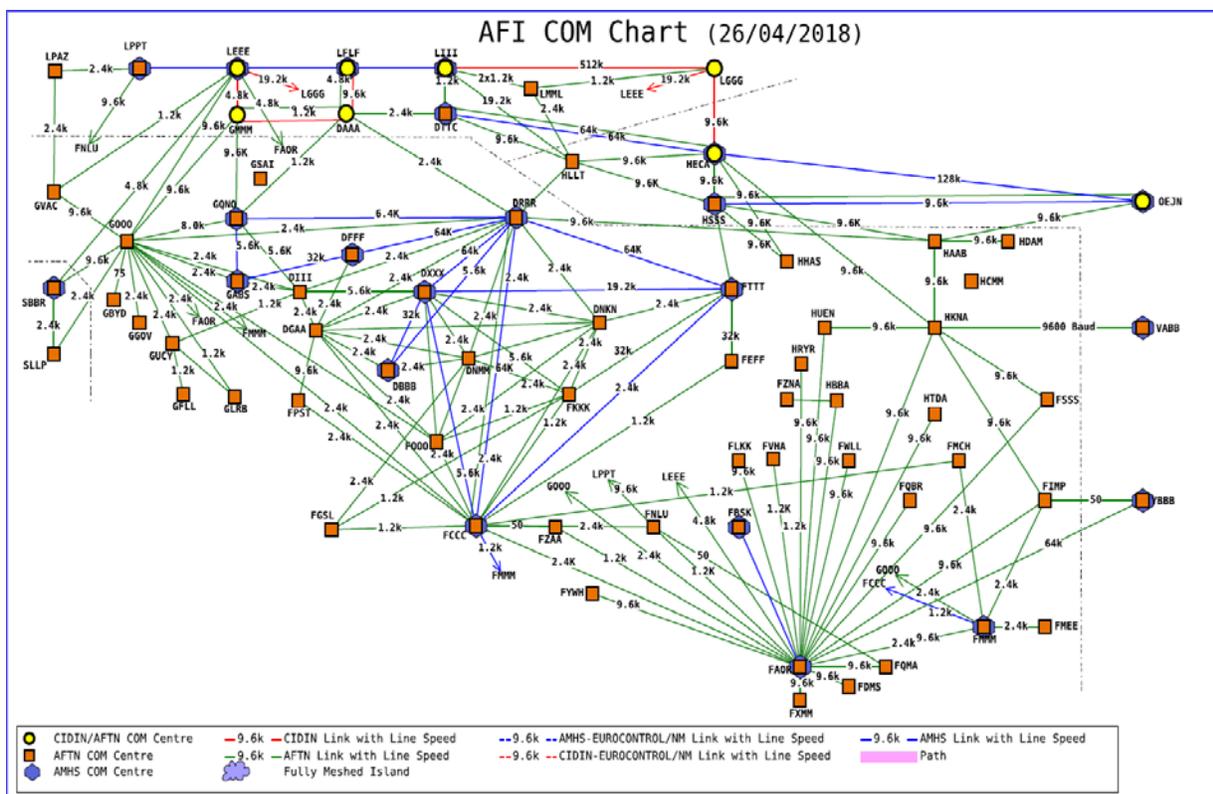
The status of AMHS implementation is provided hereafter.

Registration « AMHS Capabilities » on the AMC site

Location Name	Locations indicators	AMHS Capabilities	Registered
Cotonou	DXXX	OK	26 July 2016
Lomé	DBBB	OK	26 July 2016
Ouagadougou	DFFF	OK	24 July 2017
Niamey	DRRR	OK	25 July 2017
Antananarivo	FMMM	OK	27 July 2017
Ndjamena	FTTT	OK	24 July 2017
Bamako	GABS	OK	26 July 2017
Nouakchott	GQNO	OK	25 July 2017
Brazzaville	FCCC	OK	26 July 2017
Dakar	GOOO	July 2018	Delayed by the move to the new DIASS airport
Abidjan	DIII	June 2019	Study in progress
Douala	FKKK	June 2019	Study in progress
Libreville	FOOO	June 2019	Study in progress
Bangui	FEFF	June 2019	Study in progress
Bissau	GGOV	June 2019	Study in progress
Moroni	FMCH	June 2019	Study in progress
Malabo	FGSL	June 2019	Study in progress

Registration the news AMHS circuits on the AMC site

<i>Centre 1</i>	<i>Centre 2</i>	<i>Registered the</i>
Lomé (DXXX)	Cotonou (DBBB)	26 July 2016
Lomé (DXXX)	Ndjamena (FTTT)	25 may 2017
Niamey (DRRR)	Cotonou (DBBB)	25 July 2017
Niamey (DRRR)	Lomé (DXXX)	25 July 2017
Niamey (DRRR)	Ndjamena (FTTT)	25 July 2017
Niamey (DRRR)	Nouakchott (GQNO)	25 July 2017
Brazzaville (FCCC)	Lomé (DXXX)	26 July 2017
Niamey (DRRR)	Ouagadougou (DFFF)	25 July 2017
Brazzaville (FCCC)	Ndjamena (FTTT)	26 July 2017
Niamey (DRRR)	Brazzaville (FCCC)	26 July 2017
Ouagadougou (DFFF)	Bamako (GABS)	26 July 2017
Antananarivo (FMMM)	Brazzaville (FCCC)	27 July 2017
Nouakchott (GQNO)	Bamako (GABS)	26 July 2017



Regarding the AMHS implementation between Dakar and Rio, and with regard to the teleconference, the technical documents required for the AMHS interoperability tests between Brasilia and Dakar have been shared and agreed. The interoperability tests can start by end of June 2018, after the finalization and commissioning of the AMHS system, transferred from Yoff to the new airport Diass.

3. ACTION BY THE MEETING:

3.1 The meeting is invited to:

- Take note the information contained in this working paper;
- Encourage the stakeholders to pursue and finalize the implementation of AMHS between the involved centers.

-END-