



Agenda Item2: Air Traffic Management (ATM)

2.3 Follow up on operations in the AORRA airspace

2.3.1 Implementation of Night Routes in Cayenne

(Presented by DSNA - French Guiana)

SUMMARY

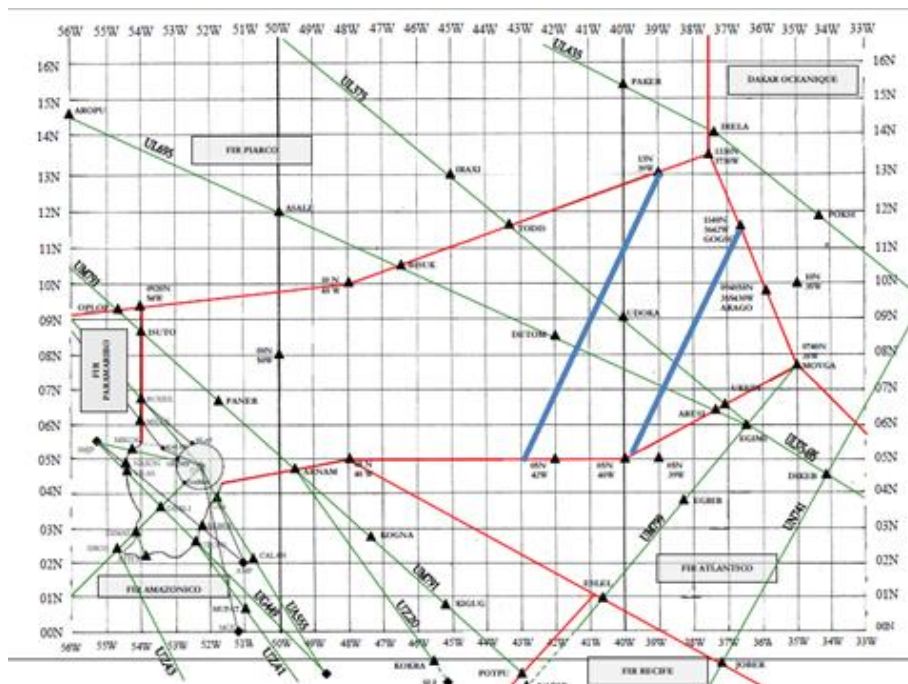
The objective of this paper is to discuss ATFM operations in Cayenne Oceanic Airspace, the publication of Night Routes and the continuation of cooperation between Cayenne FIR and adjacent SAT FIR in order to improve Safety and Efficiency.

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| <i>Strategic Objectives:</i> | <ul style="list-style-type: none"> • Safety • Air Navigation Capacity and Efficiency • Environmental Protection |
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1. Introduction

1.1 Following a presentation of Cayenne ACC at SAT 20 in June 2015, a new night route scheme has been implemented in Cayenne Oceanic airspace since 4th February 2016.

1.2 This operation has enabled to maintain a high security level during the peak traffic hours (03h00UTC/07h00UTC) Apart during this period Flexible routing is permitted.



2. Analysis

2.1 During the SAT/21 meeting in June 2016, a feedback of the night routes implementation was made.

Conclusion 21/06 Air traffic Flow Management in the Cayenne FIR was:

That,

Considering the significant improvements achieved in the Cayenne FIR as a result of collaboration between Cayenne FIR and adjacent SAT FIRs, the team formalizes the cooperation by constituting an Air Traffic Flow Management team for flights across the FIRs to manage capacity.

2.2 Cayenne has conducted the following actions:

a) Cooperation with adjacent SAT FIR

- Dakar Meeting (November 2016) Signature of the Cayenne- Dakar LOA
- Belem Meeting (December 2016) Discussion with Manaus and Atlántico for a new scheme route from Cayenne to SLI
- Creation of five-letters name code Cayenne entry points

b) Modernization Cayenne ACC

- Separation has been reduced from 120 NM to 100 NM (to cope with adjacent centers separation)
- A new version of our ATM system CACAO (ADS C CPDLC) implemented in June 2016
- Progressive implementation of AIDC functions
- The experimentation of an ADS B image (installation of 2 antennas 10 2017)
- Development of traffic prediction

AIP Designation of SOOO FIR RNAV domestic routes

2.3 Nevertheless Cayenne needs more time to reach a normal situation in terms of controller resources. In consequence, the implementation of the night routes will be extended and published in the French AIP as RNAV Domestic routes with the current restrictions.

Expected date for publication: 9th of November 2017.

Future work to be achieved

2.4 A working group “traffic flow management surrounding Oceanic Cayenne airspace” including Dakar, Recife, Manaus, Piarco and IATA is invited to continue studies on routes and airspace structure taking into account the different flows for the best capacity and the best safe service:

- With Brazil
 - Routes to SLI
 - Airspace classification

- With Dakar and Brazil
 - o to discuss the use of triple point (MOVGA) with all units
 - o Develop traffic prediction

- Beside this, a French Headquarters National plan for French Guyana is in elaboration
 - o This plan will contain measures in order to increase and maintain Cayenne controllers staff

3. Suggested actions

3.1 The meeting is invited to:

- a) Take into consideration DSNA proposition concerning strategic AFTM; and
- b) Take action to complete the work engaged

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