



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

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**FIFTH MEETING OF THE SAT FANS I/A INTEROPERABILITY TEAM  
(SAT FIT/5)  
(Lisbon, Portugal, 17 to 18 May 2010)**

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**Agenda Item 3:      Review of ADS-C/CPDLC programme and implementation activities in  
SAT FIRs**

(Presented by the Secretariat)

**SUMMARY**

This paper is related to the standardization of ADS-C/CPDLC functionalities in the SAT area and the implementation of conclusion SATFIT4/6 adopted by SAT/FIT/4 meeting thereon.

Reference:  
SATFIT4 meeting report.

**1. Introduction**

1.1 SAT/FIT/4 meeting adopted conclusions SATFIT4/6 related to the standardization of ADS-C/CPDLC functionalities in the SAT area. This conclusion has not been implemented although its substance features a key part of ADS-C/CPDLC programme and implementation activities. This paper calls for the establishment of an action plan leading to the coordinated and full implementation of this conclusion..

**2. DISCUSSION**

2.1 With a view to ensuring harmonization in the applicable ADS-C/CPDLC procedures, the SATFIT4 meeting deemed it necessary to establish a common model of AIP Supplement to be used by the States. In the same sense, some operational parameters must be harmonized between States to ensure safe operation of ADS-C/CPDLC in the area.

In this regard, the meeting agreed to the following Conclusion:

**Conclusion SAT FIT 4/6: Standardization of ADS- CPDLC functionalities within the SAT**  
**That**

**1. the FIT members as a working group develop a roadmap and make the necessary proposals to address :**

- **an AIP Supplement Model to be used by SAT States in future;**
- **a common update rate for periodic contracts;**
- **the parameters applied to trigger events contracts;**
- **FANS 1/A non recognized messages;**
- **Possible changes of LOA/LOPs; and**
- **The altitude change range regarding RVSM airspace and non RVSM**

**Airspace**

**2. The Secretariat initiates the process by July 2009 and all discussions be conducted by electronic correspondence**

Although the actions contained in this conclusion undoubtedly represent key steps towards an harmonized implementation of ADS-C/CPDLC in the SAT area, no follow-up action has been taken in this regard.

The meeting may wish to establish an action plan for the implementation of this conclusion, that will determine responsible parties and timeframe for each action. In this respect, a draft action plan is proposed as shown at Appendix A to this paper.

**2. Action Required**

2.1 The meeting is invited to:

- Note the information contained in this working paper
- Agree to and review as appropriate the draft action plan as presented in **Appendix A.**

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## Appendix A

**DRAFT ACTION PLAN: Standardization of ADS- CPDLC functionalities within the SAT**

<b>Title</b>	<b>Action by</b>	<b>Timeframe</b>	<b>Remarks</b>
<b>Standardization of ADS- CPDLC functionalities within the SAT</b> That 1) the FIT members as a working group develop a roadmap and make the necessary proposals to address :			
An AIP Supplement Model to be used by SAT States in future;	<b>States</b>		
A common update rate for periodic contracts;	<b>States</b>		
The parameters applied to trigger events contracts;	<b>States</b>		
FANS 1/A non recognized messages;	<b>States</b>		
Possible changes of LOA/LOPs; and	<b>States</b>		
The altitude change range regarding RVSM airspace and non RVSM airspace.	<b>States</b>		
2) The Secretariat initiates the process by July 2009 and all discussions be conducted by electronic correspondence	<b>ICAO</b>		