



International Civil Aviation Organization

The Fifth Meeting of the Future Air Navigation Systems Interoperability Team-Asia (FIT-Asia/5)

Bangkok, Thailand, 05 – 06 May 2016

Agenda Item 6: Any Other Business

AIR NAVIGATION SERVICE DEFICIENCIES RELATING TO DATA LINK PERFORMANCE MONITORING AND ANALYSIS

(Presented by the Secretariat)

SUMMARY

This paper presents proposed APANPIRG Air Navigation Service Deficiencies in the ATM field relating to Data Link Performance Monitoring and Analysis

1. INTRODUCTION

1.1 Air Navigation Deficiencies are raised to share among States information about deficiencies in a transparent manner, and to assist States to define their implementation priorities and to indicate remedial action required. Information on deficiencies from the Air Navigation Deficiencies database is provided to APANPIRG meetings for review under its terms of reference to, *inter alia*, make detailed assessment of the safety impact of the deficiencies as shown and propose remedial action required by States for subsequent review by the Air Navigation Commission and Council.

2. DISCUSSION

2.1 APANPIRG/26, held in September 2015, agreed to the following Conclusion:

Conclusion APANPIRG/26/25 – ANS Deficiencies Relating to Data Link Performance Monitoring and Analysis

That, an Air Navigation Deficiency should be raised against non-implementation of the provisions of Annex 11 Paragraph 2.27.5 when any FIT-Asia administration has implemented operational ADS-C/CPDLC services and:

- a) has not made arrangements for the reporting and analysis of data link problems to a competent CRA as identified by the Regional Airspace Safety Monitoring Advisory Group (RASMAG); or*
- b) does not report data link problems to the CRA; or*
- c) does not provide data link problem analysis reports to a recognized FANS Interoperability/Implementation Team (FIT); or*
- d) does not provide data-link performance analysis reports to a recognized FIT.*

2.2 FIT-Asia/5 WP02 discussed the current operational data link status of FIT-Asia States, and updated the FIT-Asia Operational Data Link Status Table.

2.3 **Attachment A** provides a draft ANS deficiency list to be for discussion and update by the meeting. The information in the deficiency list is based on the information provided to FIT-Asia by States, and the information provided to the FIT-Asia CRA.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper;
- b) discuss, amend where necessary and agree to the ANS Deficiency raised in **Attachment A** and
- c) discuss any relevant matters as appropriate.

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ATM Deficiencies List

Identification		Deficiencies			Corrective Action			
Requirements	States/ facilities	Description	Date first reported	Remarks	Description	Executing body	Target date for completion	Priority for action**
<u>Data Link</u>								
<u>Performance</u>								
<u>Monitoring and</u>								
<u>Analysis</u>								
Requirements of Paragraph 2.27.5 of Annex 11	China	Post- implementation monitoring not implemented	29/5/2015	Problem Reports not provided to CRA		China	TBD	A
	Indonesia	Post- implementation monitoring not implemented	29/5/2015	Problem Reports not provided to CRA. Performance monitoring and analysis not reported to FIT.		Indonesia	TBD	A
	Malaysia	Post- implementation monitoring not implemented	29/5/2015	Problem Reports not provided to CRA. Performance monitoring and analysis not reported to FIT.		Malaysia	TBD	A
	Myanmar	Post- implementation monitoring not implemented	29/5/2015	Problem Reports not provided to CRA. Performance monitoring and analysis not reported to FIT.		Myanmar	TBD	A
	Maldives	Post- implementation monitoring not implemented	29/5/2015	Problem Reports not provided to CRA. Performance monitoring and analysis not reported to FIT.		Maldives	TBD	A

Identification		Deficiencies			Corrective Action			
Requirements	States/ facilities	Description	Date first reported	Remarks	Description	Executing body	Target date for completion	Priority for action**
	Sri Lanka	Post-implementation monitoring not implemented	29/5/2015	Not registered with competent CRA. Problem Reports not provided to CRA. Performance monitoring and analysis not reported to FIT.		Sri Lanka	TBD	A
	Singapore	Post-implementation monitoring not implemented	29/5/2015	Performance monitoring and analysis not reported to FIT. Problem Reports??		Singapore	TBD	A
	Viet Nam	Post-implementation monitoring not implemented	29/5/2015	Performance monitoring and analysis not reported to FIT. Problem Reports??		Viet Nam	TBD	A