



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 5: FIT-Asia Task List

FIT-ASIA TASK LIST

(Presented by the Secretariat)

SUMMARY

This paper presents the FIT-Asia Task List.

1. DISCUSSION

1.1 The FIT-Asia Terms of Reference (ToR) were agreed by APANPIRG/22 (September 2011). A copy of the ToR is appended as **Attachment A** to this paper.

1.2 A draft Task List for development is appended as **Attachment B** to this paper.

2. ACTION BY THE MEETING

3.1 The meeting is invited to review the:

- a) FIT-Asia TOR; and
- b) FIT-Asia Task List.

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FANS INTEROPERABILITY TEAM - ASIA (FIT-ASIA)
TERMS OF REFERENCE

FIT-Asia Objective and Scope

The FANS Interoperability Team - Asia (FIT-Asia) shall be responsible for overseeing system configuration and the end-to-end monitoring process of datalink systems to ensure they are implemented and continue to meet performance, safety, and interoperability requirements within the Asian Region.

The FIT-Asia shall:

Implementation

- a) support the implementation and operational benefits of AIDC, CPDLC and ADS;

Reporting and problem resolution processes

- b) establish a problem reporting system;
- c) review de-identified problem reports, identify trends and determine appropriate resolution;
- d) develop interim operational procedures to mitigate the effects of problems until resolution;
- e) monitor the progress of problem resolution;
- f) prepare summaries of problems encountered and their operational implications;

System performance and monitoring processes

- g) determine and validate system performance requirements;
- h) establish a performance monitoring system;
- i) assess system performance based on information from the CRA;
- j) coordinate system testing and trials;
- k) identify accountability for each element of the end-to-end system;
- l) develop, document and implement a quality assurance plan that will provide a stable system;
- m) identify end-to-end system configurations that provide acceptable data link performance;
- n) ensure that such configurations are maintained by all stakeholders;

New procedures

- o) coordinate testing in support of implementation of enhanced operational procedures

Reporting

- p) report safety-related issues to the appropriate State or regulatory authorities for action;
- q) provide reports to relevant ATM coordinating groups; and
- r) report to RASMAG.

Relevant Central Reporting Agencies (CRA) and States will report, as required, to the FIT-Asia. ICAO Secretariat will submit reports to appropriate sub-groups of APANPIRG.

Composition of FIT-Asia

The FIT-Asia will consist of representatives from States (ANS Providers) communication service providers (CSP), CRAs, IATA, CANSO, IFALPA and IFATCA. Aircraft and ancillary equipment manufacturers may also be requested to participate.

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FIT-ASIA — TASK LIST

(last updated 25 May 2014)

ACTION ITEM	DESCRIPTION	TIME FRAME	RESPONSIBLE PARTY	STATUS	REMARKS
1/1	Notice to remind pilots of the importance to check that a logon was completed correctly and to periodically check to ensure the data-link connection was maintained.	FIT/2	United States to forward copy of NOTAM	Closed	
1/2	Provide an average availability outcome for ADS-C in the same manner as the CPDLC analysis.	FIT/2	Japan	Closed	Japan is not a member of FIT-Asia
1/3	Development of a template for the provision of data-link performance data, such as Actual Communications Technical Performance (ACTP), Actual Communications Performance (ACP), Pilot Operational Response Time (PORT) and surveillance latency information	FIT/2	ICAO	Closed	
2/1	Investigate the issue of identifying and validating competent CRAs, and related coverage and jurisdiction issues TO BE AMENDED PER MEETING REPORT	FIT-Asia/3	Secretariat	Closed	
2/2	Draw to the attention of airspace users the importance of reporting data-link problems and the lack of such reports, and ask that attention be paid to improved reporting.	FIT-Asia/3	IATA	Closed	
2/3	Make changes to the ISPACG CRA website to facilitate its use by FIT-Asia.	FIT-Asia/4	New Zealand	Open	FIT-Asia States can register to the website. Final changes to the interface are expected to be completed July 2014. Final changes to the interface are expected to be completed July 2014
2/4	States to inform Regional Office of current data-link service status, and/or provide update on planned implementation	FIT-Asia/3	FIT-Asia States/Secretariat	Open	Secretariat to send reminder via State Letter (FIT-Asia/3)

FIT-Asia/5-WP/08
Attachment B

ACTION ITEM	DESCRIPTION	TIME FRAME	RESPONSIBLE PARTY	STATUS	REMARKS
2/5	Draw to the attention of airspace users the safety implications of incorrect downlinking of BACK ON ROUTE message	FIT-Asia/3	IATA	Closed	
2/6	Remind airspace users of the requirements for correct CPDLC logon, the procedures in the event of logon rejection, and the requirement to notify affected ATSUs in the event of any amendment to information in the original flight plan	FIT-Asia/3	IATA	Closed	
3/1	Seek appropriate expert advice on the operational significance of 99.9% performance criteria, and what can be done to meet it in cases of ACP, ACTP and ADS-C Downlink Latency “just” failing to meet the standard	FIT-Asia/4	Secretariat	Open Completed	
3/2	Provide feedback to G-PAT technical authority/expert regarding a) data for dates more than 12 months old being combined into month 1 performance data b) lack of a G-PAT tool to de-identify the operator (currently done manually)	FIT-Asia/4 FIT-Asia/5	Secretariat	Open	Response to be circulated to FIT-Asia States on receipt.
3/3	Editorial review of performance reporting template (including the use of “>” where “<” should be used.	31 July 2014	Secretariat	Open Completed	
3/4	Register on FIT-Asia CRA Website	31 December 2014 Ongoing?	ALL FIT-Asia States/Administrations	Open	In accordance with APANPIRG Conclusion 24/24
3/5	Provide and promulgate in AIP the point of contact for airspace users to report ADS-C/CPDLC problems to the State/Air Navigation Service Provider	31 December 2014	ALL FIT-Asia States/Administrations	Open Closed	Draft Conclusion FIT-Asia 3/2
4/1	Provide update on SEASMA future provision of CRA service	12 June 2015	Singapore	Open	
4/2	Provide more clarity on how to use the website, by graphic description of the problem reporting process		Boeing CRA	Open	Consider PowerPoint presentation with audio and video

FIT-Asia/5-WP/08
Attachment B

ACTION ITEM	DESCRIPTION	TIME FRAME	RESPONSIBLE PARTY	STATUS	REMARKS
4/3	Provide simple description of FANS automatic handoff process		Boeing CRA	Open	
4/4	Provide information on which aircraft are experiencing HF ADS-C Downlink latency problems for analysis by Boeing CRA		China	Open	CRA to analyse why aircraft are reverting to HF in areas where good SATCOM coverage exists.
4/5	Provide list of Satellite and HF ground-stations for FIT-Asia reference		Boeing CRA	Open	INMARSAT GES identifiers HG data link ground station identifiers
4/6	Check with ISPACG CRA website administrator regarding: Retrieval of password (Indonesia) Multiple users per State (e.g. 2 x separate FIRs)		?	Open	