



ICAO

International Civil Aviation Organization

Twelfth Meeting of the FANS Interoperability Team – Asia
(FIT-Asia/12)

Video Teleconference, 25 – 28 July 2022

Agenda Item 7: FIT-Asia Task List

FIT-ASIA TERMS OF REFERENCE AND TASK LIST

(Presented by the Secretariat)

SUMMARY

This paper presents the FIT-Asia Terms of Reference and Task List for review and update by the meeting.

1. INTRODUCTION

1.1 This working paper provides the FIT-Asia Terms of Reference (TOR) and Task List for review and update by the meeting

2. DISCUSSION

2.1 The current FIT-Asia Terms of Reference (TOR) are provided at **Attachment A** for review by the meeting. The TOR were last amended by APANPIRG/30 (November 2019) following a review by FIT-Asia/9.

2.2 The Task List, last updated by FIT-Asia/11 is provided at **Attachment B**, for update by the meeting.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) Review the FIT-Asia TOR;
- b) Update the 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-C;

Reporting and problem resolution processes

- b) establish a problem reporting system;
- c) review 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) establish a performance monitoring system;
- h) assess system performance based on information from the CRA, and reported by States;
- i) coordinate system testing and trials;
- j) identify accountability for each element of the end-to-end system;
- k) develop, document and implement a quality assurance plan that will provide a stable system;
- l) ensure that such configurations are maintained by all stakeholders;

New procedures

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

Reporting

- n) oversee the reporting of ~~report~~ safety-related issues to the appropriate State or regulatory authorities for action;
- o) provide reports to relevant ATM coordinating groups;
- p) coordinate the collation and analysis of aggregated regional data link performance data; and
- q) report to RASMAG.

Relevant Central Reporting Agencies (CRA), ~~and~~ other APAC FITs, and other non-FIT-Asia 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, RMAs/EMAs, IATA, CANSO, IFALPA and IFATCA. Aircraft and ancillary equipment manufacturers may also be requested to participate.

Approved by APANPIRG/30, November 2019

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FIT-ASIA — TASK LIST

(Last updated 26 August 2021)

ACTION ITEM	DESCRIPTION	TIME FRAME	RESPONSIBLE PARTY	STATUS	REMARKS
4/4	Provide problem reports to CRA of switching to HF in areas where good SATCOM coverage exists.	Ongoing	China, Boeing CRA	Completed	CRA to analyse why aircraft are reverting to HF in areas where good SATCOM coverage exists. Description modified at FIT-Asia/6 FIT-Asia/11 WP/16
6/3	Provide a briefing on the timing of the HF Data Link Network upgrade and expected improvements	FIT-Asia/11	Secretariat	Open	Collins Aerospace No reply from Collins Aerospace (formerly Rockwell Collins). Informal information indicates hardware upgrade 2022, full improved capability 2024 Updated FIT-Asia/9 FIT-Asia/10
6/7	Provide Contact Details for FIT-Asia PBCS SWG participants	Ongoing	FIT-Asia SWG Participants	Open	SWG India, New Zealand, Singapore, IATA (Japan) Updated FIT-Asia/9
7/1	All APAC FIT and CRA to provide a list of States having submitted problem report and performance analysis reports to CRA (including number of reports) and FIT	Ongoing	FIT-Asia CRA Japan IPACG/FIT ISPACG/FIT SEASMA	Open	FIT-Asia/7 IP/3 To be provided one month prior to each annual FIT-Asia meeting Updated FIT-Asia/10

ACTION ITEM	DESCRIPTION	TIME FRAME	RESPONSIBLE PARTY	STATUS	REMARKS
7/2	Direct correspondence to survey non-respondent States with FIRs listed in Doc 7030 with performance-based separations	Ongoing FIT-Asia/12	Secretariat	Open	FIT-Asia/7 WP/4 and IP/13 Include availability of guidance for operations authorizations Updated FIT-Asia/10 FIT-Asia/11
7/3	Direct correspondence to survey non-respondent States known/believed to have implemented performance-based separations without Doc 7030 support	Ongoing FIT-Asia/12	Secretariat	Open	FIT-Asia/7 WP/4 and IP/13 Include availability of guidance for operations authorizations Updated FIT-Asia/10 Fit-Asia/11
8/1	States to complete annual data link performance analysis in new template format	Ongoing By 31 March each year	States	Open	<ol style="list-style-type: none"> 1. Forward to Secretariat for forwarding to State responsible for aggregated Regional data. 2. Prepare report of State performance for FIT-Asia

ACTION ITEM	DESCRIPTION	TIME FRAME	RESPONSIBLE PARTY	STATUS	REMARKS
8/2	Prepare aggregated Regional data link performance data for submission to FIT-Asia and RASMAG	Ongoing By 31 May each year	USA China (2021 2022)	Open	<p>Rotational responsibility</p> <p>The US as a member of the FIT SWG agreed during RASMAG/23 and FIT-Asia/9 to lead this effort in the first two years. FIT Asia agreed to the creation of this report with responsibility of production rotating on an annual basis.</p> <p>USA to retain this task pending the agreement of another APAC Administration to accept responsibility.</p> <p>Secretariat and Chair to seek interest from others Administrations. May require a transitional arrangement to become familiar</p> <p>The US will work with Europe to assure poor performing global fleets are reported to the states of registry outside of their region of operation.</p> <p>Following FIT-Asia/10 China contacted the Secretariat and volunteered to take on this responsibility. China subsequently provided the report to FIT-Asia/11</p> <p>Updated FIT-Asia/10 FIT-Asia/11</p>
9/1	Aircraft Operators to ensure contact details on the FANS CRA website are up to date, and include, the correct contact for approving release of data link logs	Ongoing	IATA States (non IATA members) Boeing CRA	Open	<p>FIT-Asia/9 Report paragraph 2.5</p> <p>Updated FIT-Asia/10</p>

ACTION ITEM	DESCRIPTION	TIME FRAME	RESPONSIBLE PARTY	STATUS	REMARKS
9/5	<p>Review and develop Draft of new version of <i>Guidance Material for End-to-End Safety and Performance Monitoring of ATS Data Link Systems in the APAC Region.</i></p> <p>Include region-specific matters from Appendix B to the GOLD Manual (to be removed from the manual in 2020)</p>	FIT-Asia/12	<p>China, India, Indonesia, New Zealand, Singapore, USA, Boeing CRA, Secretariat</p> <p>FIT-Asia/SWG</p>	Open	<p>FIT-Asia/9 Report paragraphs 3.5 and 5.1</p> <p>Updated FIT-Asia/10 FIT-Asia/11</p>
10/1	Provide details of operators that were not signed up to the PBCS Charter, for IATA to follow up to encourage their participation	FIT-Asia/12	Fit-Asia CRA/IATA	Open	<p>FIT-Asia/10 Report paragraph 2.7</p> <p>Progress to be reported to FIT-Asia/11</p>
10/2	Provide formal letter to Regional Office requesting inclusion of FIRs in Doc 7030 Proposal for Amendment (50 NM longitudinal, 30 NM longitudinal 50 NM lateral, 23 NM lateral, as appropriate).	10 September 2021	Indonesia, Philippines, Sri Lanka, Singapore	Open	Updated FIT-Asia/11 report paragraph 3.21 and Table 3
10/3	Confirm need for Doc 7030 procedure for Hong Kong FIR and Sanya FIR (50 NM longitudinal)	10 September 2021	Hong Kong, China China Secretariat	Open	<p>FIT-Asia/10 Report paragraph 3.17</p> <p>FIT-Asia/11 Report paragraph 3.21 and Table 3.</p>
10/4	Seek clarification on regulatory readiness to issue PBCS approvals and conduct performance monitoring of aircraft operators	Fit-Asia/11	Secretariat, various States.	Closed	<p>FIT-Asia/10 Report paragraph 3.17</p> <p>Will need preliminary analysis of P2 and SUR/RSP180 in FPL</p>
11/1	Explore options to make a formal approach to the States of Operator/Registry of two operators failing to release data link logs for CRA analysis	RASMAG/26	Secretariat, Boeing CRA	Open	FIT-Asia/11 Report paragraph 2.6
11/2	Contact relevant authority to determine whether data link ground station NTX (Natunas) can be reactivated or relocated.	FIT-Asia/12	Indonesia/SITA/Boeing CRA	Open	FIT-Asia/11 Report paragraph 2.13

ACTION ITEM	DESCRIPTION	TIME FRAME	RESPONSIBLE PARTY	STATUS	REMARKS
11/3	Implement or conduct operational trial of 300 second latency timer value, and report back to FIT-Asia/12	FIT-Asia/12	New Zealand	Open	FIT-Asia/11 Report paragraphs 3.8 and 3.9 <i>Draft Conclusion FIT-Asia/11-1</i>
11/4	Provide separate SATCOM and VHF data in data link performance reports	31 March 2022	Sri Lanka and SITA	Open	FIT-Asia/11 Report paragraph 4.49