



ICAO

International Civil Aviation Organization

Eleventh Meeting of the FANS Interoperability Team – Asia
(FIT-Asia/11)

Video Teleconference, 23 – 27 August 2021

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/10 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 06 August 2020)

ACTION ITEM	DESCRIPTION	TIME FRAME	RESPONSIBLE PARTY	STATUS	REMARKS
2/4	States to inform Regional Office of current data-link service status, and/or provide update on planned implementation	Ongoing	FIT-Asia States/Secretariat	Closed	Closed FIT-Asia/10 Reporting defined in RASMAG Conclusions
3/4	Register on FANS CRA Website	Ongoing	All FIT-Asia Administrations providing data link services in the FIR All FIT-Asia Administrations' Regulatory Authorities responsible for approving aircraft and aircraft operators for PBCS operations	Closed	In accordance with APANPIRG Conclusion 24/24 Non-data link service provider States also to register, to provide access to the PBCS Charter, problem report information, and data link performance reports. Updated FIT-Asia/9 Closed FIT-Asia/10 Registration defined in APANPIRG Conclusion
4/4	Provide problem reports to CRA of switching to HF in areas where good SATCOM coverage exists.	Ongoing	China, Boeing CRA	Open	CRA to analyse why aircraft are reverting to HF in areas where good SATCOM coverage exists. Description modified at FIT-Asia/6

ACTION ITEM	DESCRIPTION	TIME FRAME	RESPONSIBLE PARTY	STATUS	REMARKS
6/1	CRAs to provide a list of States having made problem reports, and the number of problem reports submitted by each State, prior to each FIT-Asia meeting	ongoing	BOBASMA/FIT-Asia/Boeing CRA	Closed	To ensure consistency of information on State engagement with CRA is provided to Fit-Asia meetings, and to ensure accurate update of the deficiency list. Closed FIT-Asia/10: Merged with Task 7/1
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
6/11	Review TOR	Fit-Asia/9	Chair, Secretary, in consultation with FIT-Asia PBCS SWG	Completed	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 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	Secretariat	Open	FIT-Asia/7 WP/4 and IP/13 Include availability of guidance for operations authorizations Updated FIT-Asia/9 FIT-Asia/10
7/3	Direct correspondence to survey non-respondent States known/believed to have implemented performance-based separations without Doc 7030 support	Ongoing	Secretariat	Open	FIT-Asia/7 WP/4 and IP/13 Include availability of guidance for operations authorizations Updated FIT-Asia/9 FIT-Asia/10
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 (first and second annual Report to FIT-Asia/9 and RASMAG/24, and FIT-Asia/10)	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 year 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>Updated FIT-Asia/9 FIT-Asia/10</p>
8/3	Re-circulate PBCS implementation survey	Ongoing	Secretariat	Closed	<p>Include formal State POCs, and relevant FIT-Asia participant or other ATM-related POCs that may assist in getting the survey completed. Follow-up with all APAC States known to be providing data link services to ensure response.</p> <p>Updated FIT-Asia/9 FIT-Asia/10</p> <p>RASMAG Conclusion Refers</p>

ACTION ITEM	DESCRIPTION	TIME FRAME	RESPONSIBLE PARTY	STATUS	REMARKS
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	FIT-Asia/9 Report paragraph 2.5 Updated FIT-Asia/10
9/2	Make performance data available to all APAC Administrations for regulatory oversight purposes, on request.	Ongoing	All ANSPs providing data link	Closed	FIT-Asia/9 Report paragraph 3.14 Draft Conclusion FIT-Asia/9-2 Closed FIT-Asia/10 RASMAG Conclusion Refers
9/4	Remove old performance analysis reporting templates from Regional Office website	12 July 2019	Secretariat	Completed	FIT-Asia/9 Report paragraph 4.6 Completion recorded FIT-Asia/10
9/5	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> . Include region-specific matters from Appendix B to the GOLD Manual (to be removed from the manual in 2020)	FIT-Asia/11	China, India, Indonesia Singapore, USA, Boeing CRA, Secretariat FIT-Asia/SWG	Open	FIT-Asia/9 Report paragraphs 3.5 and 5.1 Updated FIT-Asia/10
10/1	Provide details of operators that were not signed up to the PBCS Charter, for IATA to follow up to encourage their participation	30 September 2020	Fit-Asia CRA/IATA	Open	FIT-Asia/10 Report paragraph 2.7 Progress to be reported to FIT-Asia/11
10/2	Confirm separation minima for Doc 7030 Proposal for Amendment (50 NM longitudinal, 30 NM longitudinal 50 NM lateral, 23 NM lateral)	10 August 2020	Indonesia, Philippines, Sri Lanka	Open	FIT-Asia/10 Report paragraph 3.20 and WP/4
10/3	Confirm need for Doc 7030 procedure for Hong Kong FIR (50 NM longitudinal)	FIT-Asia/11	Hong Kong, China Secretariat	Open	FIT-Asia/10 Report paragraph 3.17

ACTION ITEM	DESCRIPTION	TIME FRAME	RESPONSIBLE PARTY	STATUS	REMARKS
10/4	Seek clarification on regulatory readiness to issue PBCS approvals and conduct performance monitoring of aircraft operators	Fit-Asia/11	Secretariat, various States.	Open	FIT-Asia/10 Report paragraph 3.17 Will need preliminary analysis of P2 and SUR/RSP180 in FPL