International Civil Aviation Organization

**The Ninth Meeting of the Asia/Pacific Aeronautical Information Services –
Aeronautical Information Management Implementation Task Force (AAITF/x)**

Pattaya, Thailand, 24 – 27 June 2014

Agenda Item 4: AIS-AIM Updates

ASIA/PACIFIC REGION AIM TRANSITION PROGRESS AND PROGRESS REPORTING

(Presented by the Secretariat)

SUMMARY

This paper presents a summary of AIM transition progress in the Asia/Pacific Region since
AAITF/8 was held in May 2013, as reported to the ICAO Regional Office.

1.   INTRODUCTION

1.1   The progress of the Asia/Pacific Region's AIS-AIM transition is recorded in the AIM
Transition Table. Progress is recorded against each of the Transition Steps identified in the ICAO
Roadmap for Transition from AIS to AIM. Where a Transition Step is not fully implemented, a
progress towards full implementation is recorded as a percentage figure.

1.2   AIM implementation is also recorded in the Seamless ATM Reporting Form. This form
is used for

1.3   The AIM Transition Table and Seamless ATM Reporting Form are available on the
ICAO Asia/Pacific Regional Office website at http://www.icao.int/APAC/Pages/edocs.aspx.

2.   DISCUSSION

AIM Transition Monitoring

2.1   The AIM Transition Table was developed as an outcome of AAITF/6 (Bangkok,
Thailand, 15 – 17 March 2011), and supported by the following Conclusions agreed by APANPIRG:

Conclusion 22/2 − AIM Transition Table

*That, the ICAO APAC Regional Office maintains the AIM Transition Table as a means
of tracking State transition to AIM, and to provide current details on AIM capability for
interoperability, by publishing the State AIS – AIM Transition Table at Appendix B to
Report on Agenda item 3.2 on the APAC web site.*

Conclusion 22/2 − AIM Transition Table

That, the ICAO APAC Regional Office maintains the AIM Transition Table as a means of tracking State transition to AIM, and to provide current details on AIM capability for interoperability, by publishing the State AIS – AIM Transition Table at Appendix B to Report on Agenda item 3.2 on the APAC web site.

2.2   The gathering of information from States was also supported most recently by State Letters A026/14 and A044/14 (ATM), as discussed under Working Paper 03 of this meeting.

2.3   Since the inception of the AIM Transition Table the following States have provided no information:

Bhutan, Brunei Darussalam, Kiribati, Marshall Islands, Micronesia, Nauru, Samoa, Tonga.

2.4   In the period since AAITF/8 (May 2013) 15 States have reported the implementation status of AIM Transition Steps to the ICAO Regional Office, including significant progress among several States.

2.5   Some States have revised-down their previously reported implementation status. This may be due to a number of factors, including project re-assessment as more knowledge is developed, or the correction of information in previous reports that may have been based on inconclusive data.

2.6   The latest update of the AIM Transition Table is provided at **Attachment A**.

Electronic AIP

2.7   An increasing number of States has reported implementing Electronic AIP (eAIP). As discussed at AAITF/8 (WP/04), in each case the ICAO Regional Office examines the eAIP for accessibility, compliance with Annex 15 requirements, and inclusion of AIP SUPP and AIC. Periodic accessibility checks are also conducted.

Seamless ATM Reporting

2.8   The Asia/Pacific Seamless ATM Plan, endorsed by APANPIRG/24, includes among its performance objectives the expectation of implementation of AIM Transition Phases 1 and 2 by November 2015.   The Seamless Plan also includes in its expected actions the reporting of implementation of performance objectives, including completion of AIM Transition Steps.   The Seamless ATM Reporting Form is available on the ICAO Asia/Pacific Regional Office Website at http://www.icao.int/APAC/Pages/edocs.aspx.

AIM Transition Reporting

2.9   The Seamless ATM Reporting Form records AIM Transition Step status only in terms of either completed or not completed. The AIM Transition table provides additional scope for States and Administrations to report their progress towards full implementation of each Transition Step. The AIM Transition Table therefore provides a more useful illustration of regional implementation progress for evaluation by AAITF.

2.10   The progress recorded in the AIM Transition Table is also currently used for Regional Performance Dashboards (http://www.icao.int/APAC/Pages/edocs.aspx) and the Global Air Navigation Report, both of which provide publicly available information about Regional and State AIM implementation progress.

Improving AIM Transition Reporting

2.11   Reporting of AIM transition status has been inconsistent, and is in some cases non-existent. While a number of APANPIRG Conclusions and ICAO State Letters have encouraged reporting, there is no established cycle for reporting AIM transition status to AAITF.

2.12   It is in the interests of Asia/Pacific States and Administrations to ensure that progress achieved is accurately reported to AAITF, and in the information available to the public including the AIM Transition Table, Regional Performance Dashboard and Global Air Navigation Report. In order to improve State engagement with AAITF activities and the quality of AIM transition status reporting the following Draft Conclusion is proposed for the meeting's consideration:

Draft Conclusion AAITF 9/X: AIM Transition Reporting

That, considering:

1)   the Asia/Pacific Seamless ATM Plan expectation of implementation of Phase 1 and Phase 2 AIS to AIM roadmap transition steps by November 2015;

2)   the AAITF Terms of Reference requirement to monitor AIM transition; and

3)   the information used for regional and global ATM performance reporting,

States are urged to:

a)   Verify the information currently recorded in the AIM Implementation Table appended at **Attachment A**, and

b)   update the information in the AIM Transition Table at least once annually, by April 30 each year.

3.   **ACTION BY THE MEETING**

3.1   The meeting is invited to:

a) note the information contained in this paper;

b) provide updates of AIM transition progress to the ICAO Asia/Pacific Regional Office as soon as possible;

c) agree to the proposed draft Conclusion and;

d) discuss any relevant matters as appropriate.

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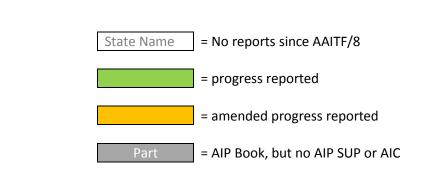# State AIS AIM Transition Table

Phase 1
P-03 — AIRAC adherence monitoring
P-04 — Monitoring of States' differences to Annex 4 and Annex 15
P-05 — WGS-84 implementation
P-17 — Quality
Phase 2
P-01 — Data quality monitoring
P-02 — Data integrity monitoring
P-06 — Integrated aeronautical information database
P-07 — Unique identifiers
P-08 — Aeronautical information conceptual model
P-11 — Electronic AIP
P-13 — Terrain
P-14 — Obstacles
P-15 — Aerodrome mapping
Phase 3
P-09 — Aeronautical data exchange
P-10 — Communication networks
P-12 — Aeronautical information briefing
P-16 —Training
P-18 — Agreements with data originators
P-19 — Interoperability with meteorological products
P-20 – Electronic aeronautical charts
P-21 – Digital NOTAM

State Name	= No reports since AAITF/8
(green)	= progress reported
(orange)	= amended progress reported
Part (gray)	= AIP Book, but no AIP SUP or AIC

Date Last Amended: 18 June 2014

	Phase 1 Consolidation (Am. 36 November 2010)				Phase 2 Going Digital (Amendment 37 November 2013)									Phase 3 Information Management (Amendment 38 November 2016)							
	P-03	P-04	P-05	P-17	P-01	P-02	P-06	P-07	P-08	P-11	P-13	P-14	P-15	P-09	P-10	P-12	P-16	P-18	P-19	P-20	P-21
Afghanistan										part											
Australia	√	√	√	90%	80%	√	√	√	60%	Link	√	75%				10%	60%			90%	5%
Bangladesh	√	√	25%		60%	60%	70%	√		Part		60%			20%				20%		
Bhutan																					
Brunei Darussalam																					
Cambodia	√	√	√	10%						Part						70%	40%				
China	√	√	√	√													√			√	
Hong Kong, China	√	√	√	√	√	√				Link	√	√	(orange)				40%	√			
Macao, China	√	√	√	√						Link								√			
Cook Islands																	√				
DPR Korea			√																		
Fiji	√	√	√				√	√	√			√	(orange)			√	√	√			
India	√	√	√	√			√	√	√	Link		√									
Indonesia	√	√	√		50%	50%	20%			Link					80%		60%	20%	10%	20%	
Japan	√	√	√	√	√	√	√	√	√	Link	80%	50%		80%	20%	60%	√	√		20%	20%
Kiribati																					
Lao PDR	√	√	25%																		
Malaysia	√	√	√	10%						Link											
Maldives										Link											
Marshall Islands																					
Micronesia																					
Mongolia	√	√	√	√	√	√	√	80%	√	Link	65%	28%	5%	20%	10%	√	90%	√		√	
Myanmar	√	√	√				20%				20%	20%				10%				25%	
Nauru																					
Nepal	√	√	√								30%	30%									
New Zealand	√	√	√	√	√	√	√	√	75%	Link	√	80%	15%	80%							
Niue (NZ)																					
Pakistan	√	√	√									√			√	√	√		√		√
Palau										part											
Papua New Guinea	√	√	√	90%				√								10%					
Philippines	√	√	60%	50%	√	50%	√	√	√	50%											
Republic of Korea	√	√	√	√	√			√	√	(red)							√	√		40%	90%
Samoa																					
Singapore	√	√	√	√	√	√	50%	√		Link	40%	40%	25%	√	√	√	√	√		(orange)	
Solomon Islands			√																		
Sri Lanka	√	√	90%	90%						Link						10%	25%	15%	25%		
Thailand	√	√	80%	40%	40%	30%					25%	25%		10%	5%						
Timor Leste			√							(orange)											
Tonga																					
Vanuatu										(orange)											
Viet Nam	√	75%	√	25%	50%	50%	50%		√	Link				√	√		70%	50%			
USA	√		√		(orange)		(orange)	(orange)		part	√	√	√	√	√					√	√
France	√	√	√	√	√	√		√		Link											