



International Civil Aviation Organization

**THE EIGHTH MEETING OF AERONAUTICAL
TELECOMMUNICATION NETWORK (ATN)
IMPLEMENTATION CO-ORDINATION GROUP
OF APANPIRG (ATNICG/8)**

Jakarta, Indonesia, 18 - 21 March 2013



Ministry Of Transportation
Republic of Indonesia

Agenda Item 8: Pan Regional AIDC ICD related issues

AIDC PLANNING AND IMPLEMENTATION STATUS IN APAC REGION

(Presented by the Secretariat)

SUMMARY

This paper presents the AIDC planning and implementation status in APAC region.

1. INTRODUCTION

1.1 APANPIRG has adopted several Conclusions on planning and implementation of AIDC which have been reflected in Part IV of ASIA/PAC Basic ANP (Doc 9673) as follows:

22. *States should consider implementing AIDC in order to enable the exchange of ATS messages related to flight notification, flight coordination, transfer of control surveillance data and free (unstructured) text data for active flights.*

22.1 *Noting the continued prevalence of RVSM Large Height Deviation (LHD) occurrences resulting from ATC Unit-to-ATC Unit coordination errors, APANPIRG recommended that States work towards the implementation of compatible AIDC capabilities based on the Asia/Pacific AIDC ICD between ATC units as soon as possible*
[APANPIRG/18, Conc.18/3]

22.2 *States should expedite implementation of AIDC between neighbouring ATS facilities in accordance with the Regional Air Navigation Plan and the Asia/Pacific AIDC ICD.*
[APANPIRG/19, Conc.19/19]

Support for Global ICD for AFTN AIDC

23. *Recognizing the benefits to be gained from globally harmonized interface arrangements for AIDC, APANPIRG supports the work being undertaken by the*

*United States to coordinate a global Interface Control Document for AFTN AIDC and invites Asia/Pacific Regional Office to act as the regional point of contact for this work.
 [APANPIRG/20, Conc.20/14]*

2. DISCUSSION

2.1 The implemented AIDC circuits in APAC Region are listed as follows:

Country Administration /Country Administration	ATS Unit A	ATS Unit B (Counterpart)	Remark: Date of implementation
Australia	Brisbane	Melbourne	
Australia/New Zealand	Brisbane	Auckland	
Australia/New Zealand	Auckland	Melbourne	
Australia/Fiji	Brisbane	Nadi (Oceanic)	
Australia/Mauritius	Melbourne	Mauritius	
Australia/PNG	Brisbane	Port Moresby	Apr. 2011
New Zealand/Fiji	Auckland	Nadi (Oceanic)	
New Zealand/USA	Auckland	Oakland	
New Zealand/France	Auckland	Tahiti	
China	Sanya	Hong Kong	8 Feb. 2007
	Hong Kong	Taipei	12 Nov. 2012
	Guangzhou	Nanning	
	Guangzhou	Zhanjiang	
	Guangzhou	Zhuhai	
	Nanning	Kunming	
	Nanning	Zhanjiang	
	Zhanjiang	Haikou	
	Chengdu	Chongqing	
	Chengdu	Guiyang	
	Guiyang	Chongqing	
	Guiyang	Kunming	
India			Being implemented at all ATCC plus 32 Aerodromes
Japan	Fukuoka ATM Center	Oakland ARTCC	
	Fukuoka ATM	Anchorage ARTCC	
Japan/ROK	Tokyo ACC	Incheon ACC	
ROK/Japan	Fukuoka ACC	Incheon ACC	
	Fukuoka ACC	Taipei ACC	Mar. 2012
	Naha ACC	Taipei ACC	
Fiji/USA	Nadi	Oakland	
India/Pakistan	Mumbai	Karachi	Under Trial
Malaysia	Kota Kinabalu	Kuching	
Pakistan	Karachi	Lahore	

2.2 The implementation of AIDC circuits between ATC units are specified in the ASIA/PAC FASID Table 1E. Some circuits being plan and/or under trial are listed as follows:

Country Administration /Country Administration	ATS Unit A	ATS Unit B (Counterpart)	Remark: Date of implementation
Myanmar	Yangon	All adjacent ATS units	ATM system to be ready in 2013
Philippines	Manila	Fukuoka ATM	Planned for 2015
Bangladesh	Dhaka	Chittagong Dhaka	System being updated
	Dhaka	Sylhet	
Thailand	Bangkok		
Malaysia	Kuala Lumpur	With adjacent ATS Units	By end of 2013
China/ROK	Qingdao	Incheon	Planned for 2013
DPR. Korea	Pyongyang	Adjacent ACCs	Being planned
Indonesia/Australia	Makasar	Brisbane	On-going trial
Maldives	Male	With neighboring ACCs	ATM system software already upgraded to support AIDC
Maldives/Sri Lanka	Male	Colombo	Planned for 2013
Mongolia	Ulaanbaatar	With China (AIDC) and Russia (OLDI)	ATM supports OLDI and AIDC discussion with the concerned for implementation
Thailand	Bangkok		Together with ATM system upgrades
Viet Nam			Trial conducted in 2012, implementation planned for 2013

3. ACTION BY THE MEETING

3.1 The meeting is invited to review and update the implementation and planning status of AIDC in the APAC Region as provided in the above tables.
