



International Civil Aviation Organization

**SPECIAL IMPLEMENTATION PROJECT (SIP) ON ATS
INTER-FACILITY DATA COMMUNICATION
IMPLEMENTATION SEMINAR**

Bangkok, Thailand, 12-13 October 2010

Agenda Item 2: Review requirements of implementation of AIDC in the APAC Region

**REVIEW THE FASID TABLE CNS-1E
ASIA/PAC AIDC IMPLEMENTATION PLAN**

(Presented by the Secretariat)

SUMMARY

This paper presents AIDC Implementation Plan for review by the meeting.

1. INTRODUCTION

1.1 The ATS Inter-facility Data Communication (AIDC) Implementation Plan (Table CNS-1E) is provided in a tabular form in **Attachment 1** for review by the participants of the Seminar.

1.2 The updated Table CNS – 1E is also available at the ICAO APAC Website as follows:
<http://www.icao.or.th/edocs/fasid/fasid.html>

2. DISCUSSION

2.1 The Table CNS-1E specifies the requirements for ATS Inter-facility Data Communication to be introduced gradually where required.

2.2 States in the ASIA/PAC Region are gradually implementing AIDC or planning to implement AIDC based on the operational requirements. It was recognized that such operational requirements need to be reflected in Part IV-CNS of the ASIA/PAC FASID. APANPIRG, in its Twentieth Meeting reviewed the FASID Table for AIDC (CNS 1E) updated by CNS/MET Sub-group based on the inputs from the States and through its Conclusion 20/30 adopted the replacement of FASID Table CNS 1E with the updated Table which provides the implementation plan to meet the operational requirements for AIDC.

2.3 Consequently, in accordance with Conclusion 20/30 of APANPIRG/20 Meeting, a proposal for amendment of the Table CNS-1D (APAC 05/14-CNS) was circulated to States on 26 March 2010 requesting comments. States were expected to provide comments by end of May 2010. The Table was further updated based on States comments and was approved on 10 August 2010 and States were notified of the approval.

2.4 The electronic version of the AIDC plan is also published in the ICAO APAC website under e-documents.

2.5 The ATN Implementation Coordination Working Group Meeting and CNS/MET Sub-group of APANPIRG will continue review information of implementation status and requirements as contained in the Table from time to time.

3. ACTION BY THE MEETING

3.1 The participants attending the Seminar are invited to:

- a) note the requirements as specified in AIDC Implementation Plan (Table CNS-1E); and
- b) provide comments, as required.

TABLE CNS 1E
ATS INTER-FACILITY DATA COMMUNICATION (AIDC)
IMPLEMENTATION PLAN

EXPLANATION OF THE TABLE

Column

- 1 State/Administration – the name of the State/Administration;
- 2 Location of AIDC end system – the location of the AIDC end system under the supervision of State/Administration identified in column 1;
- 3 AIDC Pair – the correspondent AIDC end system;
Location – location of the correspondent AIDC end system
State/Administration – the name of the State/Administration responsible for management of the correspondent AIDC end system
- 4 AIDC standard used – the AIDC standard adopted for the AIDC connection between the corresponding AIDC pair, AFTN, AFTN/AMHS or ATN;
- 5 Target Date of Implementation – date of implementation of the AIDC end system;
- 6 Remarks – any additional information describing the AIDC end system or the AIDC service between the corresponding AIDC pair.

State/Administration	Location of AIDC end system	AIDC Pair		AIDC standard used	Target date of Implementation	Remarks
		Correspondent location	Correspondent State/Administration			
1	2	3		4	5	6
AUSTRALIA	Brisbane ACC	Oakland ARTCC	USA	AFTN	Implemented	ICD V.2.0
		Auckland ACC	New Zealand	AFTN/AMHS	TBD	
		Melbourne	Australia	AFTN	Implemented	ICD V.2.0
				AFTN/AMHS	TBD	
		Makassar ACC	Indonesia	AFTN	Implemented	ICD V.2.0
				AFTN/AMHS	TBD	
	Nadi ACC	Fiji	AFTN	Implemented	ICD V.2.0	
			AFTN/AMHS	TBD		
	Melbourne ACC	Brisbane ACC	Australia	AFTN	Implemented	ICD V.2.0
				AFTN/AMHS	TBD	
		Jakarta ACC	Indonesia	AFTN	TBD	ICD V.2.0
				AFTN/AMHS	TBD	
	Mauritius ACC	Mauritius	AFTN	Implemented	ICD V.2.0	
			AFTN/AMHS	TBD		
BANGLADESH	Dhaka ACC	Kolkata ACC	India	AFTN/AMHS	TBD	Subject to concurrence with Myanmar
		Yangon ACC	Myanmar	AFTN/AMHS	2011	
BHUTAN						
BRUNEI DARUSSALAM			Not Required			
CAMBODIA	Phnom Penh ACC	Bangkok ACC	Thailand	AFTN	2010	
CHINA	Beijing ACC	Incheon ACC	Republic of Korea	AFTN	TBD	
	Sanya ACC	Hong Kong ACC	Hong Kong, China	AFTN	Implemented	
		Ho Chi Minh ACC	Vietnam	AFTN	TBD	
	Guangzhou ACC	Hong Kong ACC	Hong Kong, China	AFTN	TBD	
	Taipei ACC	Hong Kong ACC	China	TBD	2012	
	Shanghai ACC	Fukuoka ATMC	Japan	TBD	TBD	

State/Administration	Location of AIDC end system	AIDC Pair		AIDC standard used	Target date of Implementation	Remarks
		Correspondent location	Correspondent State/Administration			
1	2	3		4	5	6
HONG KONG, CHINA	Hong Kong ACC	Guangzhou ACC	China	AFTN	TBD	
		Sanya ACC	China	AFTN	Implemented	
		Manila ACC	Philippines	AMHS	TBD	
		Taibei ACC	China	TBD	2012	
MACAO, CHINA						
COOK ISLANDS						
DEMOCRATIC PEOPLE'S REPUBLIC OF KOREA						
FIJI	Nadi ACC	Auckland ACC	New Zealand	AFTN	Implemented	ICD V.1.0
				AFTN/AMHS	2010	
		Brisbane ACC	Australia	AFTN	Implemented	ICD V. 1.0
				AFTN/AMHS	2010	
Oakland ARTCC	USA	AFTN	Implemented	ICD V.1.0		
		AFTN/AMHS	2010			
FRANCE						
<i>French Polynesia</i>	Papeete ACC	Auckland ACC	New Zealand	AFTN	Implemented	ICD V. 2.0
<i>New Caledonia</i>						
INDIA	Kolkata ACC	Dhaka ACC	Bangladesh	AFTN	TBD	
	Mumbai ACC	Karachi ACC	Pakistan	AFTN	TBD	Subject to co-ordination between Administrations
				AFTN/AMHS	TBD	
INDONESIA	Jakarta ACC	Melbourne	Australia	AFTN/AMHS	TBD	
	Makassar ACC	Brisbane ACC	Australia	AFTN	2010	ICD V.1.0
				AFTN/AMHS	TBD	

State/Administration	Location of AIDC end system	AIDC Pair		AIDC standard used	Target date of Implementation	Remarks
		Correspondent location	Correspondent State/Administration			
1	2	3		4	5	6
JAPAN	Fukuoka ATMC	Anchorage ACC	USA	AFTN	Implemented	ICD V.1.0
		Incheon ACC	Republic of Korea	AFTN	2009	
		Oakland ARTCC	USA	AFTN	Implemented	
		Taibei ACC	Taibei, China	AFTN	2012	ICD V.3.0
KIRIBATI						
LAO PEOPLE'S DEMOCRATIC	Vientiane ACC	Bangkok ACC	Thailand	AFTN	TBD	
MALAYSIA	Kuala Lumpur ACC	Bangkok ACC	Thailand	AFTN	2011	TBD
		Singapore	Singapore	AFTN	2011	
		Kota Kinabalu	Manila	AFTN	2011	
		Kota Kinabalu	Ujung Padang	AFTN	2011	
MALDIVES	Male ACC	Colombo ACC	Sri Lanka	AFTN	2010	
MARSHALL ISLANDS						
MICRONESIA (FEDERATED STATE OF)						
MONGOLIA						
MYANMAR	Yangon ACC	Bangkok ACC	Thailand	AFTN	2010	ICD V.1.0
		Dhaka ACC	Bangladesh	AFTN	2011	
NEPAL	Kathmandu ACC	Kolkata ACC	India	AFTN	2010	
				AFTN/AMHS		
		Banaras ACC	India	AFTN	2010	
				AFTN/AMHS		
		Lhasa ACC	China	AFTN	2010	
				AFTN/AMHS		

State/Administration	Location of AIDC end system	AIDC Pair		AIDC standard used	Target date of Implementation	Remarks
		Correspondent location	Correspondent State/Administration			
1	2	3		4	5	6
NAURU	Brisbane ACC	Oakland ARTCC	USA	AFTN	Implemented	ICD V.1.0
				AFTN/AMHS	TBD	
		Nadi ACC	Fiji	AFTN	Implemented	ICD V.1.0
				AFTN/AMHS	2010	
NEW ZEALAND	Auckland ACC	Brisbane ACC	Australia	AFTN	Implemented	ICD V.1.0
				AFTN/AMHS	2010	
		Nadi ACC	Fiji	AFTN	Implemented	ICD V.1.0
				AFTN/AMHS	2010	
		Oakland ARTCC	USA	AFTN	Implemented	ICD V.2.0
				AFTN/AMHS	2010	
		Papeete ACC	French Polynesia	AFTN	Implemented	ICD V.2.0
		PAKISTAN	Karachi	Kuwait	Kuwait	AFTN
AFTN/AMHS	TBD					
Mumbai	India			AFTN	TBD	
				AFTN/AMHS	TBD	
PALAU						
PAPUA NEW GUINEA						
PHILIPPINES	Manila ACC	Hong Kong ACC	Hong Kong, China	AMHS	TBD	
		Singapore ACC	Singapore	AMHS	2011	
		Taipei	Taipei, China	AMHS	2011	
		Makassar A CC	Indonesia	TBD	2011	
		Ho Chi Minh ACC	Viet Nam	TBD	2011	
		Oakland ARTCC	USA	TBD	2011	

State/Administration	Location of AIDC end system	AIDC Pair		AIDC standard used	Target date of Implementation	Remarks
		Correspondent location	Correspondent State/Administration			
1	2	3		4	5	6
REPUBLIC OF KOREA	Incheon ACC	Fukoka ATMC	Japan	AFTN	-Implemented	ICD V.1.0
		Beijing	China	AFTN	TBD	
SAMOA						
SINGAPORE	Singapore ACC	Ho Chi Minh ACC	Vietnam	AFTN/AMHS	2012	ICD Version 1.0 subject to concurrence from Ho Chi Minh
				ATN	2012	
		Manila ACC	Philippines	AFTN/AMHS	2012	ICD Version 3.0 Subject to concurrence from States
				ATN	2012	
		Jakarta ACC	Indonesia	AFTN/AMHS	2012	
				ATN	2012	
		Kuala Lumpur ACC	Malaysia	AFTN/AMHS	2012	
				ATN	2012	
Kota Kinabalu ACC	Malaysia	AFTN/AMHS	2012			
		ATN	2012			
SOLOM ISLANDS						
SRI LANKA	Colombo ACC	Male ACC	Maldives	AFTN	2010	
TIMOR LASTE						
THAILAND	Bangkok ACC	Hochiminh ACC	Viet Nam	AFTN	2010	
		Kuala Lumpur ACC	Malaysia	AFTN	2010	
		Phnom Penh ACC	Cambodia	AFTN	2010	
		Vientiane ACC	Lao PDR	AFTN	2010	
		Yangon ACC	Myanmar	AFTN	2010	

State/Administration	Location of AIDC end system	AIDC Pair		AIDC standard used	Target date of Implementation	Remarks
		Correspondent location	Correspondent State/Administration			
1	2	3		4	5	6
TONGA						
UNITED STATES	Oakland ARTCC	Auckland ACC	New Zealand	AFTN	Implemented	ICD V.2.0
		Fukuoka ATMC	Japan	AFTN	Implemented	ICD V.2.0
		Nadi -ATMC	Fiji	AFTN	Implemented	ICD V.2.0 04/2010
		Brisbane ATSC	Australia	AFTN	Implemented	ICD V.1.0 and Block Altitudes
		Tahiti ACC	Tahiti	AFTN	Implemented	ICD V 2.0
		Anchorage ARTCC	United States	AFTN	Implemented	ICD V 2.0
	Anchorage ARTCC	Fukuoka ATMC	Japan	AFTN	Implemented	ICD V.2.0
VIET NAM	Ho Chi Minh ACC	Sanya ACC	China	AFTN/AMHS	TBD	
		Pnom Penh ACC	Cambodia	AFTN/AMHS	TBD	Subject to Concurrence from Cambodia
		Vientiane ACC	Lao PDR	AFTN/AMHS	TBD	Subject to Concurrence from Lao PDR
	Ho Chi Minh ACC	Singapore ACC	Singapore	AFTN/AMHS	2011	Subject to concurrence from Singapore
		Manila	Philippines	TBD	2011	Subject to concurrence from Philippines
		Bangkok ACC	Thailand	AFTN	2010	