



International Civil Aviation Organization

COM Co-ordination Meeting

6 – 7 March 2013, Kunming, China



Agenda Item 1: Review of AFS communication requirements in the Sub-region of South Asia including those requirements specified in the regional air navigation plan – FASID Table.

REVIEW OF AFS REQUIREMENTS AND PLANNING TABLES

(Presented by the Secretariat)

SUMMARY

This paper presents relevant requirements for AFS circuits and their characteristics as outlined in the relevant requirement and implementation planning contained in the Asia and Pacific Facilities and Services Implementation Document (FASID) -Tables CNS 1A, 1B, 1C, 1D and 1E maintained by APANPIRG for review by this meeting.

1. Introduction

1.1 The first Edition of ASIA/PAC Basic Air Navigation Plan (ANP) and the ASIA/PAC Facilities and Services Implementation Document (FASID) were issued in early 2006.

1.2 Since then, relevant CNS Tables containing implementation and planning information relating to Aeronautical Fixed Service in the FASID have been regularly reviewed by the ATN Implementation Coordination Group as well as by CNS/MET Sub-group of APANPIRG. The most tables were updated by ATNICG/6 and endorsed by CNS/MET SG/15 and consequentially adopted by APANPIRG/22.

1.3 The updated tables are subject to formal amendment process according to the established procedure. The working draft version of these tables is available at the ICAO APAC website: <http://www.bangkok.icao.int/edocs/index.html>

2. Discussion

History of Development of the FASID

2.1 As approved by the ICAO Council on 26 February 1997, the Air Navigation Plan (ANP) – Asia and Pacific Regions (Doc 9673) has been presented in two complementary documents. The first, the Basic Air Navigation Plan (ANP) (Vol. I) contains general planning criteria, implementation guidelines and stable elements of the plan. The second, the Facilities and Services Implementation Document (FASID) (Vol. II) which contains in general terms, the details of facilities, services and procedures required for international air navigation which are changed based on changes

in operational requirements. Such plan contains requirements which administrations should implement without undue delay.

2.2 The ASIA/PAC FASID has been prepared to serve as a planning tool to facilitate transition to the CNS/ATM systems in an evolutionary manner. The FASID is, therefore, expected to be updated regularly to facilitate planning and implementation of the air navigation services and facilities in the region based on changes in the operational requirements. States or regional planning bodies may propose for amendment from time to time.

2.3 Based on the development trend of regional air navigation planning process, the FASID would become part of e-ANP which has been recommended by AN Conf/12 held in November 2012 in Montreal. The structure change of planning document and access method is being developed by a global Task Force.

2.4 The Tables are regularly reviewed and updated by the ATN Implementation Coordination Group of APANPIRG and other relevant contributory bodies in accordance with their term of reference. Following are the related information as contained in these tables for review by this meeting:

Table CNS 1A – AFTN Plan

Beijing/Yangon/VYYY	S	SAT/d	300 baud	None	IA-5
Beijing/Kathmandu/VNKT	S	SAT/d	300 baud	None	IA-5
Yangon/Bangkok/VTBB	S	SAT/d	300 baud	COP-B	IA-5
Kathmandu/Mumbai/VABB	S	SAT/a	50 baud	None	ITA-2

Table CNS 1B – ATN Router plan

Beijing	BIS	Sub-Regional	Myanmar	9600bps	X.25	2007
Beijing	BIS	Sub-Regional	Nepal	9600bps	X.25	2007

Table CNS 1C – AMHS Routing plan

China	Location of facilities	Facility Type	Target date of implementation	Remark
	Beijing	AMHS	2011	Implemented
	Taipei	AMHS	2010	
Myanmar	Yangon	AMHS	2013	
Nepal	Kathmandu	AMHS	2013	

Table CNS 1D – AIDC Routing Plan

Kathmandu ACC	Lhasa ACC	China	AFTN	2010
			AFTN/AMHS	

Table CNS 1E – ATS AIDC Routing Plan

KUNMING ACC	YANGON	A	LTF	DIR	I
LHASA	KATHMANDU	A	LTF	DIR	I

3. Action by the Meeting

3.1 The meeting is expected to review the requirements in the planning tables as shown in the Section 2.4 and discuss implementation related issues with respect to the specific requirements.
