



**INTERNATIONAL CIVIL AVIATION ORGANIZATION**

**COM CO-ORDINATION MEETING**  
(People's Republic of China and Pakistan)  
7 – 9 May 2015, Beijing, China



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**Agenda Item 1:      Review of AFS communication requirements between China and Pakistan**

**REQUIREMENTS FOR GROUND/GROUND COMMUNICATIONS BETWEEN STATES**

(Presented by the Secretariat)

**SUMMARY**

This paper presents relevant requirements for the ground/ground communications between States concerned for review by this meeting.

**1.      INTRODUCTION**

1.1            The requirements for the ground/ground communications between States are specified in the Regional Air Navigation Plan – the ASIA/PAC Facilities and Services Implementation Document (FASID).

1.2            These CNS Tables containing implementation and planning information relating to Aeronautical Fixed Service in the FASID have been regularly reviewed by the contributory bodies of the Asia and Pacific Air Navigation Planning and Implementation Regional Group (APANPIRG).

1.3            Amendments to FASID 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.icao.int/APAC/Pages/edocs.aspx>

**2.      DISCUSSION**

2.1            It has been informed that according to development trend of regional air navigation planning process, the FASID would become part of e-ANP and would be processed during 2015 onwards.

2.2 The Table CNS 1A - AFTN Plan, Table CNS 1B – ATN Router plan and Table CNS 1C – AMHS Routing plan. The Table CNS 1D is for ATS Direct Speech Circuits plan and the AIDC implementation plan is specified in the Table CNS 1E.

2.3 The main AFS requirements between States relevant to this meeting are as follows:

**Requirements for AFS data communication:**

In the Table CNS 1A –AFTN Plan (to be renamed as TABLE CNS II-1 - AERONAUTICAL FIXED TELECOMMUNICATIONS NETWORK (AFTN) PLAN in new e-ANP. The requirement for AFTN circuit between Beijing and Karachi is specified i.e.

a) **Circuit type: LDD/d Signal speed required 2400 bps, X.25 protocol and using IA-5 code.**

In the Table CNS 1B – ATN Routing Plan (to be renamed as TALBE CNS II-2 - TABLE CNS II-2 - REQUIRED ATN INFRASTRUCTURE ROUTING PLAN in the new e-ANP

b) **Beijing (ZBBB)/Karachi (OPKC) Circuit type LTT signal speed Protocol and Code; 64 Kbps required for AMHS connection;**

In Table CNS 1D- ATS DIRECT SPEECH CIRCUITS PLAN to be renamed as TABLE CNS II-3 - ATS DIRECT SPEECH CIRCUITS PLAN,

c) **the Requirements for AFS ATS direct speech circuits:**

<b>KARACHI ACC</b>	AHMEDABAD	A	LTF	SW	MUMBAI
	MUMBAI	A	LTF	DIR	
	DELHI	A	LTF	DIR	
	KABUL	A	LTF	DIR	
	MUSCAT	A	LTF	DIR	
	TEHRAN	A	LTF	DIR	
<b>LAHORE ACC</b>	AMRITSAR	A	LTF	DIR	
	DELHI	A	LTF	DIR	
	DUSHANBE	A	LTF	DIR	
	KABUL	A	LTF	DIR	
	<b>URUMQI</b>	<b>A</b>	<b>LTF</b>	<b>DIR</b>	

Note: Category A refers to the requirement for the speech circuit should be established within 15 seconds.

**Requirements for AIDC:**

d) In FASID Table CNS 1E, AIDC Implementation plan, the requirement for implementation of AIDC is specified between Urumqui, China and Lahore, Pakistan using AFTN/AMHS with target date TBD subject to coordination between Administrations.

2.5 The meeting is also invited to note that Common Regional VPN project is being initiated by a number of States in the APAC region to overcome interconnection problem between States.

**3. ACTION BY THE MEETING**

3.1 The meeting is invited to note the information provided in this paper and to review and discuss implementation related issues for the specific requirements between States.

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