

## GEN 3.4 COMMUNICATION SERVICES

### 1. Responsible service

1.1 The Member Operation & Planning of Civil Aviation Authority of Bangladesh acting under the authority of the Chairman Civil Aviation Authority of Bangladesh is the responsible authority for the provision of communication services within the area indicated under 2 below.

Postal Address : Member Operation & Planning  
Civil Aviation Authority of Bangladesh  
Headquarters, Kurmitola,  
Dhaka-1229, Bangladesh.  
Telephone : 880-2-8901405(Office), 880-2-8114580(Res.)  
Telefax : 880-2-8901428,  
AFS : VGHQYAYO  
Telegram : Civilair, Dhaka.

1.2 Communication services in Bangladesh are provided by the Civil Aviation Authority of Bangladesh administered by the Director, Communication Services at Civil Aviation Authority, Headquarters.

Postal Address : Director (Communication)  
Civil Aviation Authority of Bangladesh  
Headquarters, Kurmitola,  
Dhaka-1229, Bangladesh  
Telephone : 880-2-8901403(Office)  
Telefax : 880-2- 8901428  
AFS : VGHQYAYC  
Telegram : Civilair, Dhaka

1.3 Enquiries, suggestions or complaints regarding any Telecommunications services should be referred to relevant Station Communications officers at each international airport or to the Chairman, Civil Aviation Authority as appropriate.

1.4 The service is provided in accordance with the provisions contained in the following ICAO documents:

Annex 10 – *Aeronautical Telecommunications.*

Doc 8400 – *Procedure for Air Navigation Services-ICAO Abbreviations and codes (PANS-ABC)*

Doc 8585 – *Designators for Aircraft Operating Agencies, Aeronautical Authorities and services*

Doc 7030 – *Regional Supplementary Procedures.*

Doc 7910 – *Location Indicators.*

1.5 Differences to these provisions are detailed in subsection GEN 1.7

## **2 Area of responsibility**

2.1 Communication Services as indicated in the following paragraphs are provided for the entire territory including territorial water of Bangladesh as well as in the airspace over the high seas encompassed by Dhaka FIR.

## **3 Types of services**

### **3.1 Radio Navigation Services**

3.1.1 The following types of radio aids to navigation are available: -

- (1) LF/MF Non-directional beacon (NDB)
- (2) Primary and Secondary Surveillance Radar
- (3) VHF Omni-directional Radio Range (D/VOR, C/VOR)
- (4) Distance measuring equipment (DME)
- (5) Instrument Landing System (ILS)
- (6) Terminal or Landing DME ←

### **3.2 Mobile/fixed Service**

#### **3.2.1 Mobile Service**

The aeronautical stations maintain a continuous watch on their stated frequencies during the published hours of service unless otherwise notified.

An aircraft should normally communicate with the air ground control radio station that exercises control in the area in which the aircraft is flying. Aircraft should maintain a continuous watch on the appropriate frequency of the control station and should not abandon watch, except in an emergency, without informing the control radio station.

#### **3.2.2 Fixed Service**

The messages to be transmitted over the Aeronautical Fixed Service (AFS) are accepted only if :

- (a) they satisfy the requirement of ICAO Annex 10, Vol II, Chapter 3, Para 3.3;
- (b) they are prepared in the form specified in ICAO Annex – 10;
- (c) the text of an individual message does not exceed 1800 characters.

### **3.3 Broadcasting Service**

Following Broadcasts are available for the use of aircraft in flight.

- a) VHF Automatic Terminal Information Service (ATIS) Broadcasts.

AUTOMATIC TERMINAL INFORMATION SERVICE (ATIS) BROADCASTS

STATION	CALL SIGN/ IDENTIFICATION	FREQ MHz	HOURS UTC	REMARKS
1	2	3	4	5
Hazrat Shahjalal Intl Airport, Dhaka	Dhaka Information	127.4	H24	ALPHABETICAL REFERENCE All ATIS broadcasts will include Alphabetical reference for identification in the ATIS message, beginning each day with the alphabet letter `ALFA` at 0001UTC, then following up with letter `BRAVO` at the next broadcast at 0030UTC until the last alphabet `ZULU` is reached, after which subsequent broadcast will start again with the letter `ALFA`.
Shah Amanat International Airport, Chittagong	Chittagong Information	127.6	HO	D-ATIS

3.4 Language used

The language used is English.

3.5 Where detailed information can be obtained

3.5.1 Details of the various facilities available for the en-route traffic can be found in section ENR 4.

3.5.2 Details of the facilities available at the individual aerodromes can be found in the relevant sections of AD. In cases where a facility is serving both the en-route traffic and the aerodromes, details are given in the relevant sections of ENR and AD.

4 Requirements and conditions

The requirements of civil Aviation Authority of Bangladesh and the general conditions under which the communication services are available for international use, as well as the requirement for the carriage of radio equipment, are contained in the Air Navigation (Radio) Regulations of Bangladesh.

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RADIO TIME SIGNAL					
Station	Call Sign	Frequency KHz	Band Width	Time of Transmission (UTC)	Method & Remarks
1	2	3	4	5	6
Dhaka	S2R1	693	20A3	0030-0430 1030-1730	Winter Season
				0000-0430 1030-1730	Summer Season
	S2R2	630	20A3	0030-0230 0000-0230 0430-1730 1800-2100	Winter Season Summer Season All Seasons
	S2R3	1170	20A3	0900-1100	All Seasons
Chittagong	S2R3	873	20A3	0030-0400 0030-0430	Winter Season Friday
				0600-0930 1030-1730	All Seasons
				0000-0330 0000-0400	Summer Season Friday.
Rajshahi	S2R7	1080	20A3	0030-0400 0030-0430	Winter Season Friday
				0600-0930 1030-1730	All Seasons
				0000-0330 0000-0400	Summer season Friday
	S2R8	846	20A3	0030-0400 0030-0430	Winter Season Friday
				0600-0930 1030-1730	All Seasons

RADIO TIME SIGNAL					
Station	Call Sign	Frequency KHz	Band Width	Time of Transmission (UTC)	Method & Remarks
1	2	3	4	5	6
Rangpur	S2R25	1053	20A3	0030-0400 0030-0430	Winter Season Friday
				0000-0330 0000-0400 1030-1730	Summer season Friday All seasons
Khulna	S2R27	558	20A3	0030-0400 0030-0430	Winter Season Friday
				0600-0930 1030-1730	All Seasons
				0000-0330 0000-0400	Summer Season Friday
Sylhet	S2R23	063	20A3	0030-0400 0030-0430 1030-1730	Winter season Friday All Seasons
				0000-0330 0000-0400	Summer Season Friday
Rangamati	S2R33	1161	20A3	0030-0400 0030-0430 0000-0330 0000-0400	Winter season Friday Summer Season Friday.
Comilla	S2R35	1413	20A3	1145-1730	All Seasons
Thakurgaon	S2R32	999	20A3	1145-1730	All Seasons

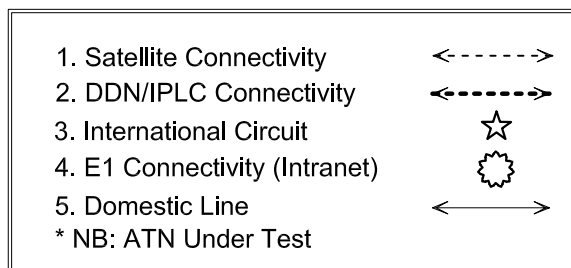
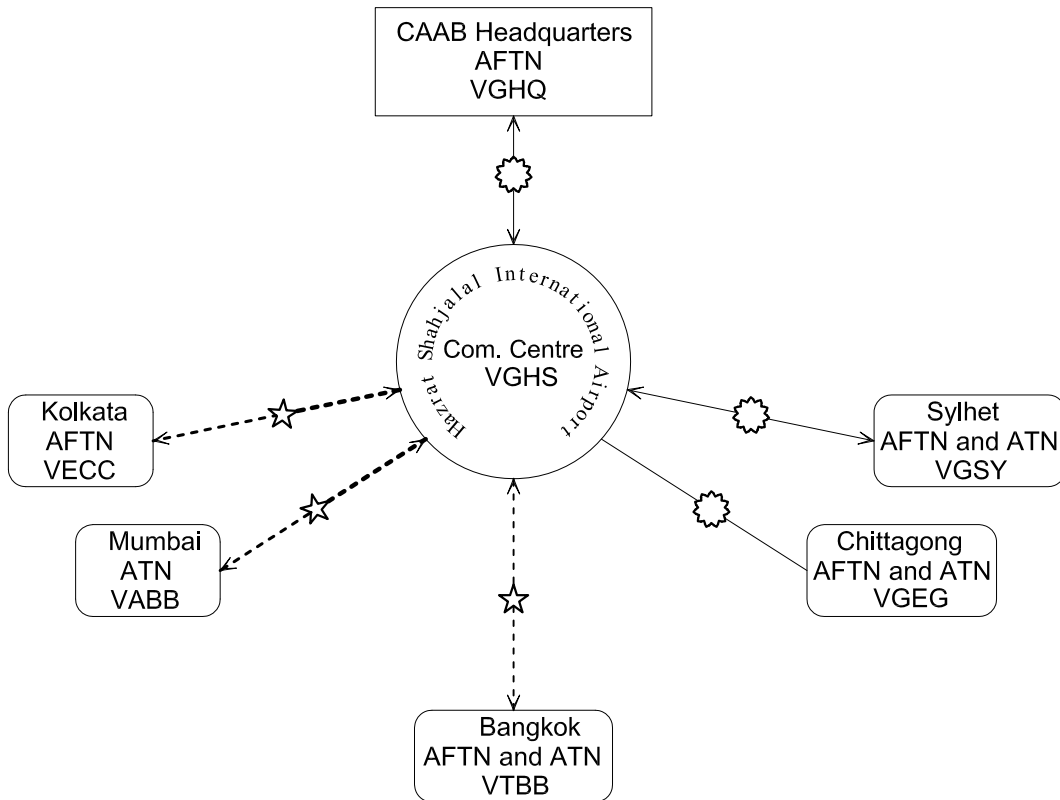
AERONAUTICAL FIXED SERVICES - NATIONAL CIRCUITS

Station			Correspondent		Number and Type of channels	Radio Frequencies		Type of services	Hours (UTC)	Remarks	
Name	Location Indicator	Call Sign	Name	Call Sign		Trans KHz	Rec KHz				
1	2	3	4	5	6	7	8	9	10	11	
Dhaka/ Hazrat Shahjalal Intl	VGHS	S2D	Rajshahi		RTF			ATS	HO		
			Jessore		RTF			ATS	HO		
			Saidpur		RTF				ATS	HO	
			Ishurdi		RTF				ATS	HO	
			Cox's Bazar		RTF				ATS	HO	
			Tejgaon		RTF				ATS	HO	
			Barisal		RTF				ATS	HO	
Comilla		RTF					ATS	HO			

AERONAUTICAL FIXED SERVICES –INTERNATIONAL CIRCUITS										
Station			Correspondent		Number and Type of channels	Radio Frequencies		Type of Traffic	Hours (UTC)	Remarks
Name	Location Indicator	Call Sign	Name	Call Sign		Trans KHz	Rec KHz			
1	2	3	4	5	6	7	8	9	10	11
Dhaka/ Hazrat Shahjal al Intl	VGHS	S2D	Kolkata	AWC	RTF DDN			ATS Direct Speech AFTN ATN	H24	Via Common carrier Microwave
			Chittagong	S2C	RTF TCPIP			ATS Direct Speech AFTN ATN	HO	Via Common carrier Microwave
			Osmani Intl		RTF TCPIP			ATS Direct Speech AFTN ATN	HO	Via Common carrier Microwave
			Bangkok	HSD	VSAT			AFTN ATN	H24	Via Satellite
			Agartala		RTF			ATS	H24	Via Common carrier Microwave
			Gauhati		RTF			ATS	H24	Via Common carrier Microwave
			CAAB HQ	VGHQ	LTT			AFTN	HO	



## AERONAUTICAL FIXED SERVICES: TELEGRAPH



## AERONAUTICAL FIXED SERVICES: TELEPHONE

