



ICAO

International Civil Aviation Organization

**Tenth Meeting of the Air Traffic Management Sub-Group
(ATM/SG/10) of APANPIRG**

Video Teleconference, 17 – 21 October 2022

Agenda Item 4: Air Navigation Service Deficiencies

**UPDATES ON CORRECTIVE ACTIONS BY BANGLADESH TO ELIMINATE SOME ATM
AND AIRSPACE SAFETY DEFICIENCIES**

(Presented by Bangladesh)

SUMMARY

This paper presents updated information on efforts and corrective actions taken by Bangladesh to eliminate 2 (two) APANPIRG deficiencies related to ATM and Airspace Safety. This paper also contains the management of departure messages and initiatives taken by Bangladesh to minimize missing departure messages transmission.

1. INTRODUCTION

1.1 APANPIRG/32 appendix A endorsed Bangladesh ANS Deficiencies as recorded for non-compliance with the requirements of PANS-ATM Section 11.4. Earlier in 2018, Bangladesh was reported deficiency as “DEP message transmission” where it was stated that DEP message inconsistently transmitted. On the other hand, there was AIS/AIM-related deficiency existed for Bangladesh as “WGS-84 not implemented” since long time which was not accordance with the requirements of Para 1.2.1 of Annex 15.

2. DISCUSSION

Departure message Transmission

2.1 The final report of Ninth meeting of the ATM sub group of APANPIRG (ATM/SG/9), as held from 01-05 November 2021, presented the summary of non-receipt of DEP messages for flights originating in the FIRs of APAC Administrations (missing DEP/number of flights). In paragraph 5.29 of the report, Bangladesh was reported to have 23% missing departure in period January 2021 until June 2021. ATM/SG/9 also reminded APAC States ATS Messages are to be sent in accordance with the provisions of ICAO Doc. 4444, PANS-ATM 11.2.1.2.3.3.

WGS-84 Requirements of Paragraph 1.2.1 of Annex 15

2.2 WGS-84 Implementation was delayed in Bangladesh due to the prolonged internal (mostly administrative) process between CAA Bangladesh and Survey of Bangladesh. The acute shortage of manpower in AIS division was also a major issue for this delay.

Corrective Actions Taken

2.3 Bangladesh has corrected the AIP Bangladesh ENR 1.11 section about the addressee of Flight Plan Messages and it's associated for all flights in or via Bangladesh FIR, which has been effective from 19 May 2022. The ATS messages should be addressed in accordance the Table below:

Category of flights (IFR, VFR or both)	Route (Into or via FIR and/or TMA)	Message Addresses
All flights	Transiting Dhaka FIR (VGFR)	VGFRZQZX
	Inbound to Hazrat Shahjalal International Airport, Dhaka (VGHS).	VGFRZQZX, VGHSZTZX
	Outbound from Hazrat Shahjalal International Airport, Dhaka (VGHS).	VGFRZQZX
	Inbound to Shah Amanat International Airport, Chattogram (VGEG).	VGFRZQZX, VGEGZTZX
	Outbound from Shah Amanat International Airport, Chattogram (VGEG).	VGFRZQZX
	Inbound to Osmani International Airport, Sylhet (VGSY).	VGFRZQZX, VGSYZTZX
	Outbound from Osmani International Airport, Sylhet (VGSY).	VGFRZQZX

2.4 Taking note of the ANS deficiency of missing DEP messages from Bangladesh, action was taken to ensure compliance with the provisions for generation and transmission of DEP messages as per the PANS-ATM. ICAO provided an update on the issue of Missing Departure messages which was discussed in WP10 of ATFM/SG/12 meeting and WP10 of SAIOSEACG/1 meeting held this year. It was depicted that, for Bangladesh the non receipt of DEP messages in Bangkok FIR was less than 1% during the period from January 2022 to August 2022 and 2% during the period from July 2021 to December 2021. A remarkable improvement had been observed during the analysis of the missing DEP messages during the period from July 2021 to August 2022. Due to limited facility, it was not possible to analyze the missing DEP messages for other ICAO regions (Mid-West/Europe).

2.5 CAA Bangladesh published all related data with WGS-84 coordinates as provided from Survey of Bangladesh phase by phase. The publication for all WGS-84 coordinates in AIP Bangladesh has been completed this year.

2.6 Bangladesh urges to consider all the above-mentioned corrective actions for the removal of deficiencies as concerned.

3. ACTION BY THE MEETING

3.1 The meeting is invited to :

- note the information contained in this paper;
- discuss the progress of Bangladesh's improvement with regard to the WGS-84 Requirements and DEP message transmission;
- analyze the updates and progress for the elimination of concern deficiencies and
- discuss any relevant matters as appropriate.

.....