

**COMBINED MEETING OF BOBASIO/7, BIMT/5
AND ASIOACG/12 & INSPIRE/8**

New Delhi, India,
18th September – 21st September 2017

Agenda Item 4 : BIMT Collaborative Route Design

Agenda Item 5 : ATM Matters

Title : Update of ATS Routes and Facilities within Dhaka FIR

(Presented by Bangladesh)

SUMMARY

This paper presents information on current ATM situation and the willingness to collaborate in implementing regional ATS routes between India and Bangladesh.

This paper relates to -

Relevant Strategic Objectives:

- a. Provide information on present ATM Situation
- b. Enhance global civil aviation safety
- c. Collaborative ATS route design.

1. INTRODUCTION

To address and accommodate the demands of the exponential growth in aviation sector within Asia and Pacific region, Bangladesh has taken initiatives for enhancing airspace capacity and route optimization within its airspace by providing efficient air space management solutions. In order to expedite traffic flow by reducing delays and implementing optimal flight paths and making use of the airports in all weather conditions, Bangladesh is introducing RNAV(GNSS) approaches at all International Airports according to PBN roadmap.

2. DISCUSSION

2.1 Referring to the Action Item No.1 of 3rd BIMT Meeting, Bangladesh would like to inform this meeting that, the following routes over Dhaka FIR has already been approved and accordingly the PfA has been submitted to ICAO office (Figure-1):

- (i) Uni-directional (EB) ATS Route, Guwahati-Sylhet-Agartala as an extension of ATS Route R472.
- (ii) Bi-directional ATS Route, Jamshedpur-Durgapur-Rajshahi as an extension of ATS Route B209.
- (iii) Bi-directional ATS Route Bagdogra-Saidpur with the proposal of new route designator as R586.

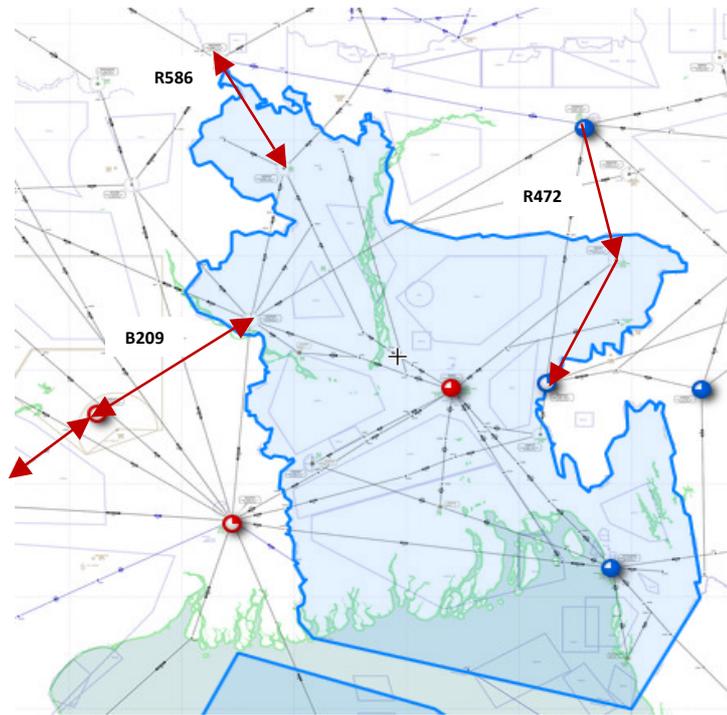
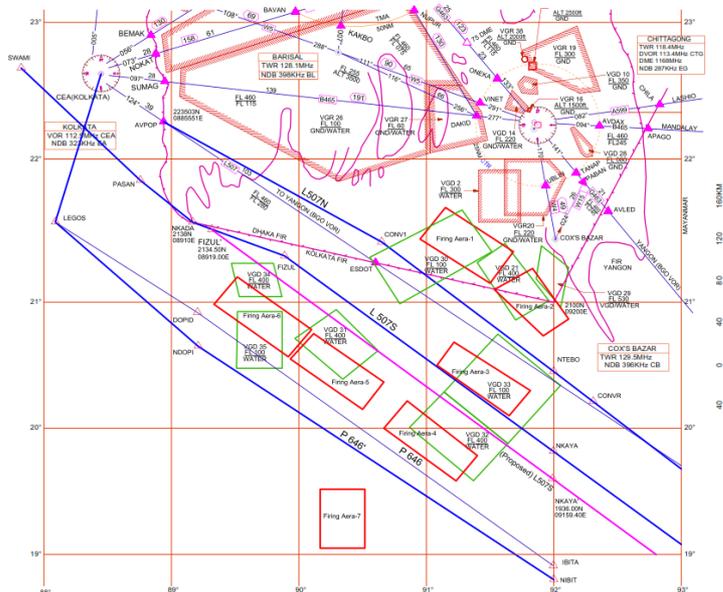


Figure-1

It is to be noted that due to installation of new DVOR-DME at Saidpur Airport, the previous position of Saidpur VOR(SDP) has been changed and calibrated also. The new coordinates of SDP VOR-DME is 254551.95N 0885433.92E, which will be intimated through AIP supplement in the AIRAC date. The coordinates of SDP VOR as submitted in the Pfa for Bi-directional ATS Route (proposed R586) need to be amended after the publication. Bangladesh wishes to discuss on the implementation date and coordination meeting with India for the inclusion of new routes in LOA.

2.2 In line with the ICAO recommendation for States to work cooperatively and to ensure PBN implementation, Bangladesh is going to publish 5 new RNP Approaches for each runway at 3 International Airports on this year. It is to inform the meeting that the flight validation RNP Approaches has been completed successfully.

2.3 According to Action Item BIMT 3/2, proposal was submitted on last BIMT/4 meeting to realign the danger areas VGD-31, VGD-32, VGD-33, VGD-34 and VGD-35, which will be



replaced by new 4 danger areas. Upon this proposal, to ensure 10NM separation from ATS routes over Bay of Bengal, decision was made to keep existing L507 as it is i.e. Bi-directional and proposed L507N & L507S had been kept in abeyance for the time being and for review purpose by Airport Authority of India. Considering the flight safety of the flight operating on ATS route L507 and P646, when the Danger Areas over the Bay of Bengal are activated, Bangladesh would like to draw attention for the decision on the realignment of the danger areas and the shifting of ATS route L507S further 10NM to the South.

3. Bangladesh would like to inform that a new RADAR (PSR & MSSR) system has been installed at Shah Amanat International Airport, Chittagong which is waiting for commissioning soon. The Range of the RADAR at Chittagong is 60Nm for PSR and 200NM for SSR.

4. Also to be noted that, the installation of new RADAR system at Dhaka and ADS-B ground stations at 4 (four) locations: Dhaka, Cox's Bazar, Barisal and Saidpur, has been postponed, which was intimated to the last BIMT/4. Bangladesh would request through this meeting to disregard the information regarding ADS-B installation.

ACTION BY THE MEETING

5. The meeting is invited to:
- a) deliberate the decision on the proposals for shifting of Bangladesh Military training areas over BOB;
 - b) discuss implementation issues on newly approved ATS routes between India & Bangladesh.
 - c) note and amend the information regarding ADS-B & new RADAR system at Dhaka.
 - d) discuss any relevant matters as appropriate.
- and
