

International Civil Aviation Organization

ICAO

Ninth Meeting of the Aeronautical Communication Services Implementation Coordination Group (ACSICG/9)

Video Tele-Conference, 19 - 21 April 2022

Agenda Item 6: Review and update the AMHS/ATN Implementation Status

**AMHS/CRV Implementation Status in India
(Presented by Airports Authority of India)****SUMMARY**

This paper presents current implementation status of AMHS & CRV in India with BIS and BBIS states.

1. INTRODUCTION

- 1.1 In line with ICAO Asia/Pac Regional ATN/AMHS implementation plan, the AMHS connectivity has been successfully implemented between Mumbai and three BBIS (viz. Singapore, Bangkok and Beijing) and with five BIS (viz. Karachi, Colombo, Dhaka, Kathmandu and Paro (Bhutan). This implementation project commenced with the commissioning of Mumbai – Singapore on 23rd March 2011 and continuing with intensive mutual cooperation with other states and support of ICAO Asia/Pac regional office.

2. DISCUSSION**2.1 Recent progresses****2.1.1 Mumbai-Muscat (Oman):**

IOT carried out from 05th May 2015 and on successful completion of IOT, POT was carried out from 18th May 2015 to 21st May 2015. After the successful IOT/POT, though the plans were to sign TMC thereafter and commence regular operations, the strategy got delayed due to AMHS installation at Muscat end. The circuit has been operated on AFTN over TCP/IP through AMHS gateway for a long period.

In year 2021-22, AMHS X400 connectivity tests viz. IOT and POT were successfully conducted between Mumbai and Muscat in June - July-2021 and Technical Memorandum of Cooperation (TMC) between Oman and India has been signed in Feb.-2022. Mumbai- Muscat AMHS circuit is expected to be commissioned soon.

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2.1.2 Mumbai - Nairobi (Kenya)

AMHS X400 connectivity trials over VPN between Mumbai and Nairobi, Kenya are in progress since March-2022. Due to different AMHS system at Mumbai (Comsoft) and Nairobi (Thales), compatibility issues concerning X400 connectivity establishment are observed. Mumbai and Nairobi are actively considering resolving issues and operationalize the connectivity soon.

2.2 CRV Implementation Status

2.2.1 India has placed the purchase order with PCCW Global for ‘1MBPS MPLS Package B+’ connection for CRV implementation at Mumbai in the month of March-2022. Presently India is awaiting commencement of work from PCCW Global shortly and installation and testing on CRV is expected to be completed in Q3-4/2022.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper;
- b) discuss any relevant matter as appropriate
