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DIRECTORS GENERAL OF CIVIL AVIATION
ASIA AND PACIFIC REGION**

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AGENDA ITEM 4 : AIR NAVIGATION

AIS – AIM TRANSITION PROGRESS IN CHINA

Presented by the People's Republic of China

INFORMATION PAPER

SUMMARY

This paper presents a summary of AIM transition progress in China. In the coming two years, with the newly established aeronautical information automation system, China will achieve several steps listed in the Roadmap for the Transition from AIS to AIM published by ICAO.

AIS – AIM TRANSITION PROGRESS IN CHINA

1. INTRODUCTION

1.1 The Civil Aviation Administration of China (CAAC) has been following ICAO's Roadmap for the Transition from AIS to AIM; CAAC has incorporated AIM implementation into the Air Traffic Management Development Strategy Plan.

1.2 CAAC has completed Phase 1 of the Roadmap and implemented several steps in Phase 2 and Phase 3. Currently, CAAC is upgrading its aeronautical information automation system, and is also constructing the new Aeronautical Information Management Center with the new AIM system. In the coming two years, with the operation of the new systems, CAAC will achieve more transition steps.

1.3 CAAC will continue its efforts in keeping up with the latest development of ICAO AIM guidance and provisions for a harmonized AIM implementation.

2. DISCUSSION

2.1 Up to now, CAAC has completed the implementation of all the steps in Phase 1 — *Consolidation* of the Roadmap for Transition from AIS to AIM, including P-03 (AIRAC adherence monitoring), P-04 (Monitoring of States' differences to Annex 4 and Annex 15), P-05 (WGS-84 implementation) and P-17 (Quality). CAAC has also implemented some steps in Phase 2 — *Going digital* and Phase 3 — *Information management* of the Roadmap, including P-11 (Electronic AIP) with 95% content generated from a digital database, P-16 (Training), P-18 (Agreements with data originators) and P-20 (Electronic aeronautical charts). In addition, P-08 (Aeronautical information conceptual model) is 40% implemented.

2.2 Currently, CAAC is implementing the Program of Upgrading and Reconstruction of Aeronautical Information Automation System; the Upgraded system will be put into operation at the beginning of 2019. The upgraded system will establish an integrated aeronautical information database based on AIXM 5.1 and the automatic production of aeronautical information products will be realized.

2.3 It is estimated that at the beginning of 2019, with the operation of the upgraded automation system, CAAC will implement step P-02 (Data integrity monitoring), P-06 (Integrated aeronautical information database), P-07 (Unique identifiers); meanwhile, P-08 (Aeronautical information conceptual model) will be fully implemented and 100% content of Electronic AIP (P-11) will be generated from the digital database; in addition, P-01 (Data quality monitoring) will be 80% implemented.

2.4 Currently, CAAC is also implementing the Aeronautical Information Management Center Construction Program. The Center is estimated to come into service in 2020 with a new AIM system. At that time, on the basis of formerly completed implementation, CAAC will implement P-10 (Communication networks) and fully implement P-01 (Data quality monitoring); in addition, P-13 (Terrain), P-14 (Obstacles) and P-15 (Aerodrome mapping) will be partly implemented.

3. ACTION BY THE CONFERENCE

3.1 The Conference is invited to note the information contained in this Paper.