International Civil Aviation Organization

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

Video Teleconference, 17 – 21 October 2022

Agenda Item 5:   **ATM Systems (Modernisation, Seamless ATM, CNS, ATFM)**

CMATS IMPLEMENTATION / ONESKY UPDATE

(Presented by Australia)

SUMMARY

This paper provides an update on the Civil & Military Air Traffic Management System and the OneSKY Program.

1.   **INTRODUCTION**

1.1   The Airservices OneSKY Program is an investment in our people, services and systems to ensure we can continue to meet the demands of the rapidly evolving environment in which we operate.

1.2   A partnership between Airservices Australia and the Department of Defence, OneSKY will replace the existing independent civil and Defence air traffic management systems, which are approaching end of life, with an advanced integrated system known as the Civil Military Air Traffic Management System (CMATS). This national approach to air traffic management will enable Airservices and Defence to deliver more efficient air services, while supporting long-term future air traffic growth and enhance national security.

1.3   The OneSKY Program will deliver more than $1.2 billion of economic benefits to Australian airspace users over 20 years, including providing our customers with greater flexibility and efficiency and provide the Air Force with the capability it requires to support Defence over the coming decades.

1.4   Airservices is also investing in critical infrastructure to house CMATS and its supporting facilities. These facilities come with a series of supporting technology projects to ensure Airservices sites and systems can seamlessly transition to the new CMATS technology. The new Brisbane and Melbourne Air Traffic Services Centre's (ATSC) are in the final commissioning and handover stage. Perth construction is also progressing well. Brisbane, Melbourne, and Perth ATSC's are due to be completed in late 2022. Completion of other Support Facilities in Brisbane and Melbourne are on track to be delivered ahead of the Thales (CMATS contractor) installation commencement dates.

1.5   The current priority for the OneSKY Program is to continue formal testing of CMATS Release Zero which is the initial replacement of the Defence legacy system that will be operational from 2025. This is near-term critical path for the Program. Design of CMATS Release One which will replace the Defence and Airservices legacy systems is well underway and will be operational from 2026.

1.6   A separate paper on how the transition to CMATS will enable a Single Flight Data Region to consolidate the management of Australian administered airspace has been prepared for this meeting.

2.   DISCUSSION

2.1   Nil.

3.   ACTION BY THE MEETING

3.1   The meeting is invited to note the information contained in this paper.

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