

OUTCOMES OF RECENT MEETINGS/EVENTS

(Submitted by the WMO Secretariat)

Summary and Purpose of Document

This document provides an overview of the outcomes of recent meetings/events of relevance to the CAeM held since the last meeting of the Management Group.

ACTION PROPOSED

The Management Group (MG) is invited to note the information contained in this paper and to consider the outcomes of the recent meetings/events, as outlined, in the context of future work.

1. EXECUTIVE SUMMARY

1.1 EC-69 Special Dialogue on the Future of Aeronautical Meteorological Services

1.1.1. The MG was pleased to note that a one-day special dialogue on the future of aeronautical meteorological services had been held on 11 May 2017 in Geneva as part of the 69th Session of the Executive Council of WMO (EC-69). The objective of the special dialogue had been to discuss the evolving requirements for the provision of meteorological services to international air navigation and the impacts of the envisaged changes on the National Meteorological and Hydrological Services (NMHSs) of WMO Members as well as on other aeronautical meteorological service providers (AMSPs).

1.1.2. The MG appreciated that the special dialogue had helped to stimulate strategic thinking, had assisted the Executive Council to chart a path for WMO Members to address the challenges that lie ahead and had promoted new approaches to ensure that the delivery of meteorological services to aviation will be sustained at the required level of performance, quality and cost effectiveness.

1.1.3. The MG noted that the special dialogue had addressed the following key topics:

- The need for dialogue and partnership with the stakeholders;
- The need to understand the GANP and ASBU requirements (of ICAO) and their impacts on meteorological service provision;
- The growth of the private sector;
- Changing service delivery models (regionalization and globalization);
- Changing technology and information management;
- How less developed WMO Members (LDCs and SIDS) will cope with the foreseen changes;
- The need for research and development; and
- What WMO and ICAO can do to facilitate the process.

1.1.4. The MG was pleased to note that a summary of the special dialogue highlighting the outcomes of the discussions that had taken place on these key topics was available on the WMO website ([here](#)).

1.2 Aeronautical Meteorology Scientific Conference (AeroMetSci-2017)

1.2.1. Following-on from discussions at the last MG meeting, the MG was pleased to note that a WMO Aeronautical Meteorology Scientific Conference (AeroMetSci-2017) had been held at Météo-France in Toulouse from 6 to 10 November 2017. The objective of the conference had been to provide a forum for representatives of the research community, service providers and users of aeronautical meteorological information and services to discuss the needs for science and research in support of current and future air transport operations.

1.2.2. The MG welcomed news that more than 230 delegates had attended the conference and that the conference had comprised around 60 oral presentations, more than 60 poster presentation and four panel discussions across the following thematic areas:

- Science underpinning meteorological observations, forecasts, advisories and warnings;
- Integration, use cases, fitness for purpose and service delivery; and
- Impacts of climate change and variability on aviation operations and associated science requirements

1.2.3. The MG appreciated the tremendous support that had been offered by an organizing committee and a scientific committee in the preparation and conducting of the conference, with notable contributions from experts of ET-ISA and ET-ASC of CAeM and other technical commissions including the Commission for Atmospheric Sciences (CAS).

1.2.4. The MG was apprised that a series of recommendations and a statement had arisen from the conference which, together with a compilation of all the presentations and panel discussions, would form part of a Conference Proceedings publication expected to be available in early 2018. The MG noted that all presentations delivered at AeroMetSci-2017 were available online ([here](#)) for ease of reference and that a Météo-France conference website ([here](#)) would soon be decommissioned.

1.3 ICAO meetings/events

1.3.1. The MG was informed that, since November 2016, ICAO had held a number of meetings of the working groups the Meteorology Panel (METP). Specifically the following METP WG face-to-face meetings had convened (work streams in brackets where applicable):

- WG-MOG (SADIS) and WG-MOG (WAFS), 4 to 7 April 2017, Exeter
- WG-MOG (IAVW), 12 to 14 June 2017, Tokyo
- WG-MISD (VASD), 14 June 2017, Tokyo
- WG-MIE, WG-MRI, WG-MISD (SWx, RRM and RHWAC) and WG-MCRGG, 10 to 20 July 2017, Montreal

1.3.2. The MG appreciated that a number of the members of the CAeM expert teams as well as the WMO Secretariat had directly contributed to these meetings as well as the intersession progression of the work, including via periodic teleconferences of each working group.

1.3.3. The MG was further informed that, from 11 to 15 December 2017, ICAO had convened its Second Global Air Navigation Industry Symposium (GANIS/2) and first Safety and Air Navigation Implementation Symposium (SANIS/1) – ICAO News item [available here](#) and event materials [available here](#). In the context of the GANIS, the MG was apprised that a half-day session had been dedicated to aeronautical meteorology comprising a series of keynote presentations and panel discussions that had included WMO Secretariat representation. The MG noted that the outcomes of the GANIS (and to some extent the SANIS) would serve as inputs to the convening of ICAO's 13th Air Navigation Conference in October 2018 and 40th Assembly in Q4 2019.

1.3.4. In addition to the foregoing, the MG noted with appreciation that CAeM expert team members and the WMO Secretariat had been involved in a number of regional ICAO meetings/events over the past year in all ICAO regions.

1.3.5. The MG was also pleased to further note that on 28 April 2017, the Secretary-General of WMO, Prof. Petteri Taalas had held a bilateral meeting with Dr Fang Liu, the Secretary General of ICAO to discuss the cooperation between the two organizations in the field of aeronautical meteorology – WMO News item [available here](#) and joint statement [available here](#).