

Updates of APAC Regional Guidance for Tailored MET Information and Services to Support ATM Operations

**Australia, China, Hong Kong, China, Japan (rapporteur),
Republic of Korea, Singapore, Thailand, Vietnam and IATA**

**Web-conference, 07 and 11-14 May 2020
ICAO APAC MET/R WG9**

Introduction

- MET/R TF 4th meeting, held in 2015 in Tokyo, noted that 'ATM-tailored' MET information is required to comply with the Annex 3. However, the detailed technical specifications for the information are not to be specified in Annex 3.
- The meeting agreed to develop the regional guidance material, and ad-hoc group was tasked to develop a draft regional guidance material for tailored meteorological information to support ATM operations.
- The ad-hoc group continued to discuss and developed the draft of the regional guidance. The draft was endorsed at MET/R WG/8 and MET SG/23 and finally it was adopted at APANPIRG/29 as a new regional guidance.

MET for ATM Regional Guidance

- **The regional guidance aims at fostering States' implementation and enhancement of MET information and services for ATM within APAC region.**
- **The guidance captures most of the necessary processes from preparatory to operational phases and has stepwise (process-wise) structure.**
- **Specific examples of MET information and services in some States are described in Appendix 1 of the guidance. Operational scenarios are provided in Appendix 2.**

Update on MET/ATM Regional Guidance

Main Part

small revisions

1. Introduction
2. Implementation procedures
 - 2.1 Preparatory phase
 - 2.2 Operational phase
3. MET information and services in support of ATM
4. Future progress in MET/ATM services

Appendix 1

update examples

Appendix 2

Revisions in Main Part

1.2 Development of the regional implementation guide

1.2.1 ICAO APAC Meteorological Requirements Task Force (MET/R TF) 4th meeting, held in July 2015 in Tokyo, noted that so-called 'ATM-tailored' MET information, when provided to support international air navigation, is still required to comply with the *Annex 3 - Meteorological Service for International Air Navigation*, 'General Provisions'. However, the detailed technical specifications for the information ~~are not to be~~ **has not yet been** specified in Annex 3. The meeting also noted that specific regional guidance material is necessary to assist States in developing and implementing tailored meteorological information and services to support effective ATM and agreed to develop the regional guidance material.

Revisions in Main Part

References

- International Civil Aviation Organization (ICAO) Annex 3 - Meteorological Service for International Air Navigation
- Global Air Traffic Management Operational Concept (Doc 9854)
- Manual on Coordination between Air Traffic Services, Aeronautical Information Services and Aeronautical Meteorological Services (Doc 9377)
- Air Traffic Management (Doc 4444)
- **GANP Portal (<https://www4.icao.int/ganpportal/>)**
~~Global Air Navigation Plan (Doc 9750)~~

Format of the Appendix 1

- **Pre-defined format**
 - **Maximum four pages per each example so that readers can easily grasp all the contents and compare each example.**
(Attachment B to this paper and MET/R WG/6 WP/05)
- **As MET services for ATM have been enhanced in each member State, the contents of Appendix 1 are expected to further increase.**
- **It might be necessary to consider revising format of this Appendix.**

Conclusion

- The meeting is invited to consider formulating following Draft Conclusion regarding the update of the regional guidance for possible adoption at MET SG/24 meeting

Draft Conclusion MET/R WG/9/x: *Update on Regional Guidance for Tailored Meteorological Information and Services to Support ATM Operations*

- a) The MET/R WG review the working draft guidance and provide comment to the ICAO RO MET no later than 12 June 2020; and
- b) The ad-hoc group, consisting of Australia, China, Hong Kong, China, Japan (rapporteur), Republic of Korea, Singapore, Thailand, Vietnam and IATA finalize the updated guidance for approval at the MET SG in July 2020.