



International Civil Aviation Organization

**NINETEENTH MEETING OF THE METEOROLOGY SUB-GROUP
(MET SG/19) OF APANPIRG**

Bangkok, Thailand, 3 – 6 August 2015

Agenda Item 3: Review outcomes from other ICAO groups

FLIMSY/01
MET SG – WGs TOR
(Presented by ad hoc group)

Draft Terms of Reference for Meteorological Requirements Working Group (MET/R WG)

Under guidance from ICAO APAC MET Secretariat:

- a) Identify and evaluate the current and future requirements for MET in support of ATM (includes ATFM), as well as ATM in support of MET.
- b) Develop and provide guidance and reference material to assist States to meet MET requirements;
- c) Assess aeronautical meteorological services, systems and architecture and how they can integrate weather information into ATM, airspace user systems and decision support tools;
- d) Promote coordination between MET and ATM communities to enhance the level of understanding of MET requirements and capabilities in support of ATM;
- e) Study the successful involvement of MET in the development of CDM/ATFM in other regions with a view to future application;
- f) Monitor regional implementation of global policies, including those associated with source data and delivery of MET information for ATM;
- g) Provide support to other appropriate bodies under the MET Sub-group and ATM Sub-group on the development of ATM contingency plan for specific phenomenon including volcanic ash, radioactive cloud, tropical cyclone and tsunami;
- h) Provide expertise on MET services and information to assist appropriate bodies under the ATM Sub-group in the establishment of sub-regional ATFM and to identify MET service requirements;
- i) Enhance regional implementation of MET services in line with the priorities defined in the ASIA/PAC Seamless ATM Plan, closely referring to the Global Air Navigation Plan (GANP) and the Aviation System Block Upgrades (ASBUs);
- j) Monitor the relevant activities of the MET Panel and appropriate bodies; and
- k) Provide advice and report to the MET Sub-group on the above issues for further co-ordination through the ICAO Secretariat with other appropriate bodies.

Draft Terms of Reference for the Meteorological Services Working Group (MET/S WG)

Under guidance from ICAO APAC MET Secretariat:

- a) Identify and evaluate current and future requirements with respect to meteorological services, in particular, observations, forecasts, advisories and warnings, in support of the aviation system block upgrades (ASBUs);
- b) Promote the implementation of meteorological services;
- c) Promote the requirement for, and benefits of, QMS for MET services and competency of aeronautical meteorological personnel
- d) Maintain awareness of, and identify new, meteorological deficiencies and formulate strategies to resolve these deficiencies;
- e) Continually seek ways to improve the quality, compliance against SARPs and operational effectiveness of the meteorological services; Monitor the implementation and use of products and services under the framework of the World Area Forecast System (WAFS), the International Airway Volcano Watch (IAVW) and the International Tropical Cyclone Watch (ITCW);;
- f) Monitor the relevant activities of the MET Panel and appropriate bodies; and
- g) Provide advice and report to the MET Sub-group on the above issues for further co-ordination through the ICAO Secretariat with other appropriate bodies.

Proposed Terms of Reference for the Meteorological Information Exchange Working Group (MET/IE WG)

Under guidance from the ICAO APAC MET Secretariat:

- a) Review the OPMET exchange schemes in the APAC and other regions and develop proposals for their optimization, taking into account the requirements by the aviation users and global OPMET exchange;
- b) Monitor and participate in trials of digital aeronautical meteorological information exchange inter- and intra- regionally;
- c) Develop standardized quality control, monitoring and management procedures related to exchange of IWXXM and TAC OPMET information;
- d) Review the regional guidance material related to OPMET exchange;
- e) Liaise with other appropriate bodies within ICAO and WMO dealing with communication and/or management aspects of the OPMET exchange; and
- f) Provide advice and report to the MET Sub-group on the above issues for further co-ordination through the ICAO Secretariat with other appropriate bodies.