

ANNEX 7

Pacific Meteorological Council Pacific Islands Aviation Weather Services Panel Terms of Reference (Version: 29 November 2015)

1. Introduction

1.1 The Pacific Islands Aviation Weather Services (PIAWS) Panel was established by the Third Meeting of the Pacific Meteorological Council (PMC-3) to serve in the capacity of an advisory body to the Pacific Meteorological Council (PMC) on matters relating to aeronautical meteorological services including cost recovery, quality management and competency standards, in the Pacific region.

2. Purpose

2.1. The purpose of the PIAWS Panel is to provide technical advice to the PMC on matters relating to aeronautical meteorological services including cost recovery, quality management and competency standards.

3. Roles and Responsibilities

3.1. The roles and responsibilities of the PIAWS Panel include the followings:

- a) The establishment of linkages, coordination, discussion and liaison with the WMO RA V Working Group on Weather Services Task Team of Quality Management System (RA V WG-WX/TT-QMS), Task Team on Training, Competencies and Qualifications (RA V-WX/TT-TRG), and Task Team on Cost Recovery (RA V-WX/TT-CR);
- b) The establishment of linkages, coordination, discussion and liaison with the International Civil Aviation Organization (ICAO) Regional Office for Asia and Pacific (ROAP) with the aim of assisting in resolving deficiencies and improving compliance with relevant ICAO standards and recommended practices;
- c) The establishment of linkages, coordination, discussion and liaison with the WMO Commission for Aeronautical Meteorology (CAeM) Expert Team on Governance (ET-GOV) with the aim:
 - (i) To establish appropriate governance and business model and/or set up of a pilot project on cost recovery with one or more countries to test possible solutions designed specifically for the case of Pacific Small Island Developing States (SIDS) that would allow countries participating in service provision to benefit from the air navigation services charges attributed to aeronautical meteorological services;
 - (ii) To provide guidance on the development of underpinning national legislation and regulation;
 - (iii) To consider regional cooperation approach in service provision in the Pacific and address related governance issues;

- d) The establishment of linkages, coordination, discussion and liaison with other Expert Teams of the WMO CAeM as needed to address identified regional issues;
- e) The establishment of linkages, coordination, discussion and liaison with the Pacific Aviation Safety Office (PASO) with the aim of promoting the importance of enhanced aeronautical meteorological services and their contribution to safety and efficiency of air transport in the region;
- f) The exploration of opportunities to intensify assistance including bi-lateral twinning agreements and development of a regional target of resolving deficiencies related to the Pacific Island Countries and Territories (PICTs) National Meteorological and Hydrological Services (NMHS) with special focus on compliance with quality management, competency standards and provision of requisite services required by ICAO and WMO regulatory documents;
- g) The establishment of a regional roadmap for phased improvements of the meteorological service to aviation addressing all PMC-3 Recommendations related to aeronautical meteorology, and to consider:
 - (i) The exploration of opportunities of deployment of advanced technological solutions through a regional collaborative approach with strong focus on improved 24/7 airport weather observations and reports, effective and efficient communications for timely data exchange, monitoring of aviation hazards including volcanic ash, and updating the airport climatological summaries;

Note: It is well understood that improved aerodrome observations would contribute to national data collection and, in a long run, climate data sets.

 - (ii) The exploration of opportunities for improved forecasts for aviation with linkages to the regional Severe Weather Forecast and Disaster Risk Reduction Demonstration Project (SWFDDP);
 - (iii) Liaison with the user community, in particular major airlines, to receive feedback on their concerns and needs of improved meteorological service in the region;
- h) The regular reporting to the PMC members on the progress of the PIAWS Panel;
- i) The reporting to the PMC.

4. Membership

4.1. The PIAWS Panel core membership comprises of experts from the Cook Islands, Fiji, Palau, Niue, Samoa, Solomon Islands, Tonga, USA, Vanuatu, WMO, SPREP and USP, as per decision of the PMC-3, but at the same time it remains open-ended to allow for other PMC members to volunteer their experts to participate in the PIAWS Panel activities.

4.2. The PIAWS Panel will designate its Chair and vice-Chair.

Note: The PIAWS Panel will start its work with Tonga as its Chair, as per PMC-3 decision, and if there is a need to change it, the Panel will communicate its recommendation(s) to the PMC.

4.3. The PIAWS Panel may invite experts either from its PMC members or its development partners to the Panel's meetings and discussions.

4.4. The PIAWS Panel may designate Rapporteurs from its experts to carry out specific time bound task(s) for limited time period.

4.5. Meetings of the PIAWS Panel shall be coordinated and convened by its Chair, with the support of SPREP/WMO/Pacific Meteorological Desk Partnership (PMDP), and in coordination with ICAO ROAP Office, as necessary.

5. Development, Reviewing and Approving of Terms of Reference

5.1. The PIAWS Panel will keep its Terms of Reference (TOR) under review and update, and then submit to the PMC for consideration.

5.2. The PMC will consider the TOR of the PIAWS Panel and related amendments.

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