



“Science to Services for a Resilient Pacific”

Fifth Meeting of the Pacific Meteorological Council (PMC-5) (Apia, Samoa, 7-9 August 2019)

Pacific Meteorological Council (PMC) Pacific Islands Aviation Weather Services (PIAWS) Panel

Updated Terms of Reference

(5 August 2019)

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; competency standards; capacity development; and meteorological data coordination, development and exchange, in the Pacific region.

2. Purpose

2.1. The purpose of PIAWS Panel is to provide technical advice to PMC and implement specific activities as directed by PMC on matters relating to aeronautical meteorological services including compliance with ICAO Annex 3 to the Convention of International Civil Aviation; Meteorological Services for International Air Navigation and CAR Part 174; cost recovery; quality management; competency standards; capacity development of AMOs and AMFs; and meteorological; data and information coordination, development and exchange.

3. Roles and Responsibilities

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

- a) The coordination, discussion and liaison with the WMO Regional Association V (South-West Pacific) Working Group on Weather Services' Task Team of Quality Management (TT-QM), Task Team on Personnel Competency and Training, (TT-TRG), and Task Team on Cost Recovery (TT-CR);
- b) The coordination, discussion and liaison with the International Civil Aviation Organization (ICAO) Regional Office for Asia and Pacific (ROAP) to ensure regular exchanging and sharing of information between PMC and PIAWS, and ICAO ROAP.
- c) The coordination and participation in ICAO Air Navigation Planning and Implementation Regional Group (APANPIRG) Meteorology Sub Group (MET SG) meetings and related Working Groups – Meteorology Information Exchange Working Group (MET/IE WG), Meteorology Requirements Working Group (MET/R WG), Meteorology Services Working Group (MET/S WG), and Volcanic Exercise Steering Group (VOLCEX SG), to ensure regular exchanging and



sharing of information between PMC and PIAWS, and ICAO APANPIRG MET SG and WGs, and VOLCEX SG with the aim of assisting in resolving air navigation deficiencies in the MET fields and improving compliance with relevant ICAO Standards and Recommended Practices (SARPs) such Annex 3 to the Convention of International Civil Aviation - Meteorological Services for International Air Navigation.

- d) The coordination, discussion and liaison with the WMO Aeronautical Meteorology Programme 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 a regional cooperation approach in service provision in the Pacific and address related governance issues;
- e) The 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 Pacific region;
- f) The coordination, discussion and liaison with members of PMC and develop a regional roadmap for phased improvements of meteorological service to air navigation addressing Pacific priority aeronautical meteorology needs, and to consider:
 - (i) The 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 dissemination and exchange of meteorological data and information such as TAF, METAR, SIGMET, AIREP, in IWXXM format;
 - (ii) The coordination with WMO and MetService New Zealand for meteorological data and information for aviation from the Severe Weather Forecasting and Disaster Risk Reduction Demonstration Project (SWFDDP);
 - (iii) Liaison with the user community, in particular major airlines, on AMDAR as well as to receive feedback on their concerns and needs of improved meteorological data and information in the Pacific region;
- g) The regular reporting to PMC members on the progress of PIAWS Panel;
- h) Establish a task team within the PIAWS Panel to implement specific tasks considered important or urgent by the Panel or PMC including developing work plan and project proposal for the region to address the most urgent aviation meteorological needs of the Pacific.
- i) The reporting to PMC.

4. Membership



4.1. The PIAWS Panel core membership comprises of experts from the following countries and institutions: Cook Islands, Fiji, Palau, Papua New Guinea, Niue, Samoa, Solomon Islands, Tonga, USA, Vanuatu, New Zealand, Kiribati, Federated States of Micronesia, Nauru, French Polynesia, SPREP, USP, WMO Secretariat, and WMO RA V WG/WX, but at the same time it remains open-ended to allow for other PMC members to volunteer their experts and experts from other organizations to participate in PIAWS Panel's activities.

4.2. The PIAWS Panel will designate its Chair, Mr. 'Ofa Fa'anunu (Tonga) and vice-Chair (Ms Paula Acethorp (New Zealand).

4.3. The PIAWS Panel will invite experts either from its PMC members or related organization to the Panel's meetings and discussions.

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

4.5. Meetings of 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.

5. **Development, Reviewing and Approving of Terms of Reference**

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

5.2. The PMC will consider PIAWS Panel's TOR and related amendments.

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