

ANNEX 1

Pacific Meteorological Council (PMC)
Pacific Islands Aviation Weather Services (PIAWS) Panel
Revised Draft Terms of Reference
(Updated Version: 12 August 2017)

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 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**, cost recovery, quality management and competency standards.

3. Roles and Responsibilities

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

- a) The establishment of linkages, coordination, discussion and liaison with the WMO Regional Association V (South-West Pacific) 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) including attending some of APAC MET annual meetings to ensure that the Panel and APAC MET groups are able share information and possible avoiding duplication of efforts 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 a 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 linkages, coordination, discussion and liaison with member countries and develop** a regional roadmap for phased improvements of the meteorological service to aviation addressing **Pacific priority** aeronautical meteorology **needs**, 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;
 - (ii) The exploration of opportunities for improved forecasts for aviation with linkages to the regional Severe Weather Forecasting 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 PMC members on the progress of PIAWS Panel;

- i) Establish a task team within the PIAWS to implement specific tasks considered important or urgent by the Panel or PMC including developing a project proposal for the region to address the most urgent aviation meteorological needs of the Pacific.
- j) 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, Niue, Samoa, Solomon Islands, Tonga, USA, Vanuatu, SPREP, USP, WMO Secretariat, and WMO RA V WG/WX, as per decision of the PMC-3 (*also refer to Annex 1*), 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 and vice-Chair.

4.3. The PIAWS Panel will invite experts either from its PMC members or any affiliated 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.

Annex 1: PIAWS Panel Core Membership Comprises of Experts from Countries and Institutions

Decisions of the PMC-4

PMC Working Group	PIAWS Panel
Members of the PIAWS comprises of experts from following countries and institutions:	Cook Islands, Fiji, New Zealand, Niue, Palau, Samoa, Solomon Islands, Tonga, USA, Vanuatu, SPREP, USP, WMO Secretariat, and WMO RA V WG/WX
Chair:	Mr. Ofa Fa’anunu (Tonga), designated by the PMC-3 and re-confirmed by kick-start meeting of the PIAWS Panel
Vice-Chair	PIAWS Panel proposed USA as vice-Chair and USA to confirm this.
Members of the task team - developing project proposal for the region to address aviation meteorological needs of the Pacific	Tonga (name), Fiji (name), Solomon Islands (name) & WMO (name)
Secretariat	SPREP/WMO/PMDP

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