



METEOROLOGY PANEL



METP SWX User Workshop, 20 October 2025, Rome, Italy

# Outcomes of ICAO MET Panel Sixth Meeting

Presented by *Angelo ROMITO*  
*Italian Air Force – ICAO METP Member nominated by Italy*





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## Agenda item 3 - Outcomes of Sixth Meeting of MET Panel

### ✈ Sixth Meeting of MET Panel (METP/6)

✈ 3-7 March 2025

✈ ICAO Headquarters in Montreal

✈ Primary goal: Recommend AMD 83 to Annex 3 and AMD 1 to PANS-MET for approval by ICAO Air Navigation Commission

✈ Working Papers and Information Papers available on ICAO Portal (Members/Advisors)

### ✈ METP/6 SWX Content

✈ 5 Working Papers (SWX Advisory, SWX Forecast Information, Job Card METP.014, SWIS Technical Review, Plan for SWIS Transition to SWIM)

✈ 2 Information Papers (SWX Work Stream Status Report and SWIS Management Report)



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### Outcomes of Sixth Meeting of MET Panel, Cont.

#### ✈ Proposed changes to SWX Advisory

- ✈ Would improve near-term information (+0H, +3H, +6H, +9H, +12H)
- ✈ **Accepted** by METP/6 for inclusion in AMD 83 to Annex 3 and AMD 1 to PANS-MET
- ✈ Proposal will be recommended to Air Navigation Commission in October/November 2025
- ✈ Planned effective date July 2027 and applicability date November 2027

#### ✈ Proposed introduction of SWX Outlook

- ✈ Would introduce forecast for +18H to +48H
- ✈ **Not accepted** by METP/6 for inclusion in AMD 83 to Annex 3 and AMD 1 to PANS-MET
- ✈ Some METP Members had concerns about lack of detail in the provisions and reliance on updates to the SWX Manual (Doc 10100) to publish the details of the SWX Outlook
- ✈ Decision may delay implementation of SWX Outlook to 2030 or later



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### Outcomes of Sixth Meeting of MET Panel, Cont.

- ✈ Proposed change to schedule for SWIS technical review
  - ✈ Would delay completion of required SWIS technical review to 2030
  - ✈ **Accepted** by METP/6 for recommendation to Air Navigation Commission
- ✈ Proposed updates to Job Card METP.014
  - ✈ Included introduction of SWX Outlook, adjusted schedule for SWIS technical review, other schedule adjustments due to changes in Annex 3 amendment numbers
  - ✈ **Accepted** by METP/6 for recommendation to Air Navigation Commission
- ✈ Proposed development of SWIS as a SWIM-enabled information service
  - ✈ Proposed developing SWIS as a SWIM-enabled information service no earlier than 2030
  - ✈ METP/6 tasked WG-MOG SWX Work Stream, in coordination with WG-MIE, to develop a proposal to implement SWIM-enabled exchange for the SWIS



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## Secretariat Updates — **Annex 3 AMD82 / PANS-MET**

- The full-set of Annex 3 AMD82 and PANS-MET (1<sup>st</sup> Edition) became available
  - “Blue edition” posted on ICAO-NET (“Forthcoming and previous edition” menu)
  - English version only, other languages will follow soon
  - MS-Word version files available as a working copy

## Secretariat Updates — **METP/6 follow-up actions**

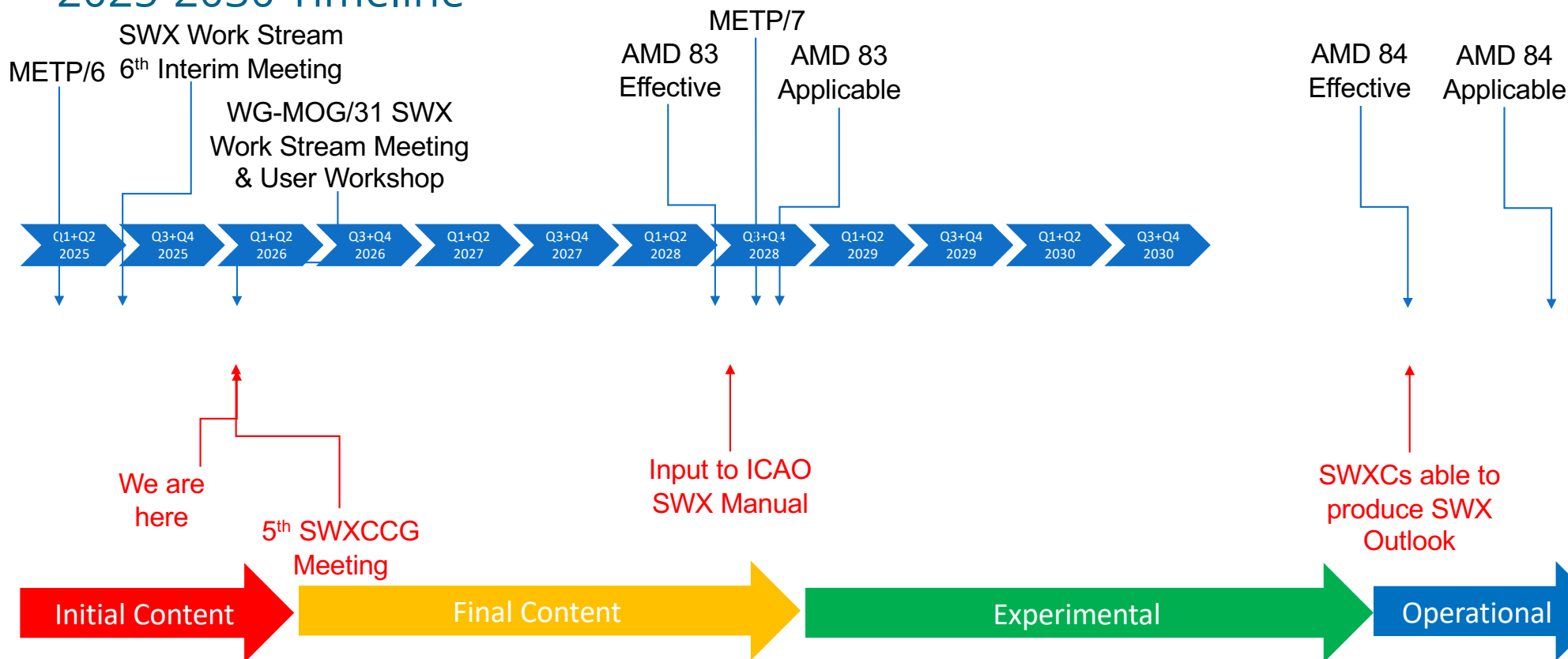
- The full report posted on ICAO METP Secure Site
  - A few Editorial errors were found and have been fixed
- ANC preliminary review/report review will be held during 230<sup>th</sup> Session (late October/November 2025)



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### 2025-2030 Timeline

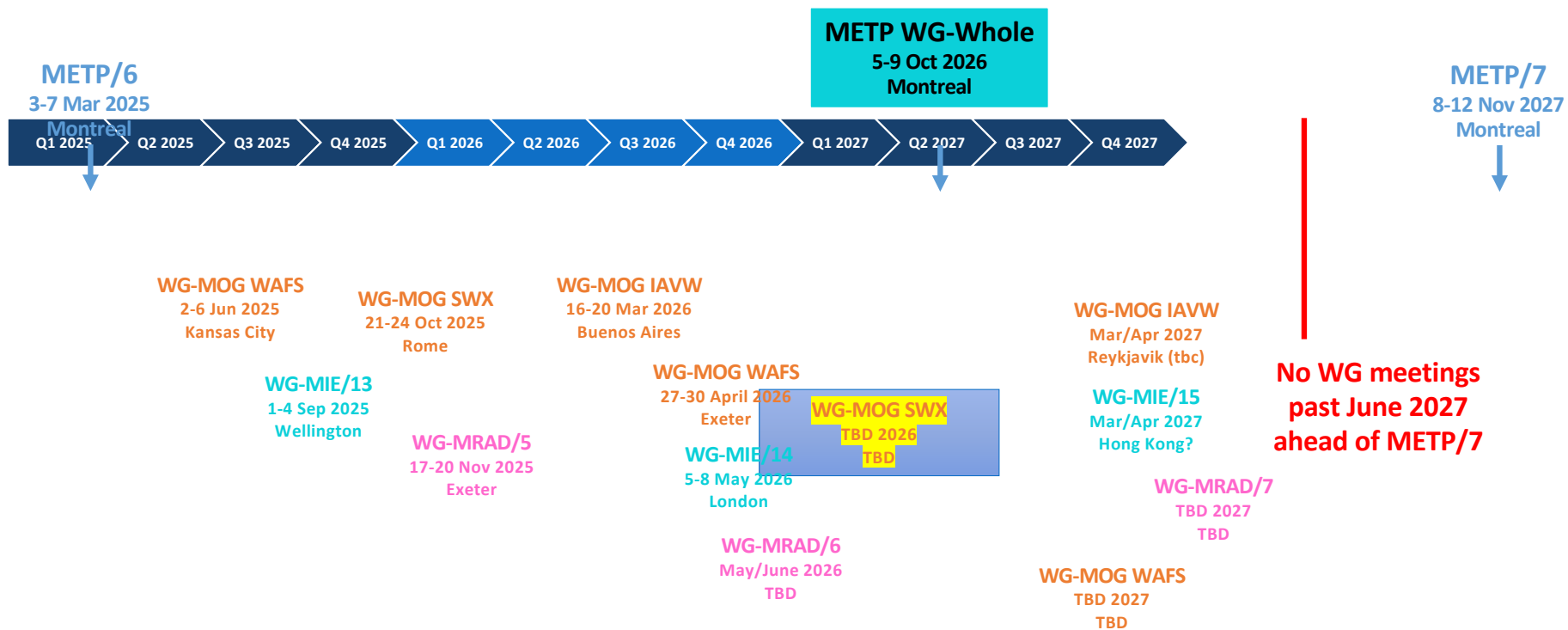




## METEOROLOGY PANEL



### METP Meeting Schedule thru METP/7



Last updated 3 Sept 2025

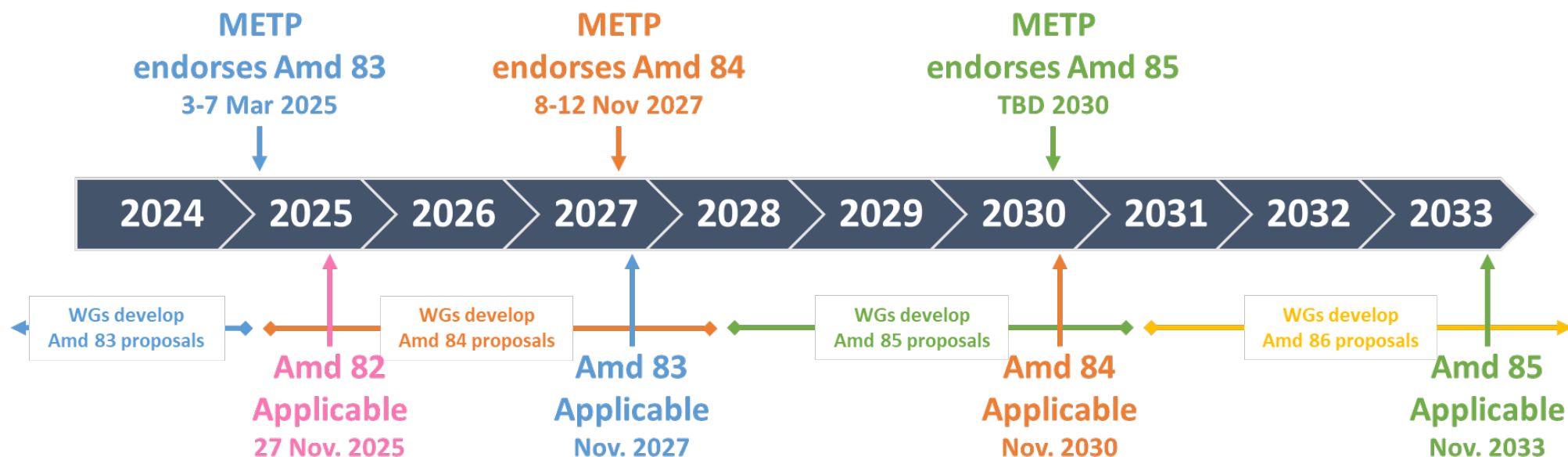




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## Updated Annex 3 & PANS-MET Amendment Schedule







## METEOROLOGY PANEL



International Civil Aviation Organization

### WORKING PAPER

#### ASSEMBLY — 42ND SESSION

##### ECONOMIC COMMISSION

#### Agenda Item 26: Economic Development of Air Transport

#### COST RECOVERY FOR THE PROVISION OF SPACE WEATHER INFORMATION SERVICES

(Presented by the Council of ICAO)

#### EXECUTIVE SUMMARY

This paper reports to the Assembly on the work that has been undertaken by the Council to address Assembly Resolution A41-27, *Consolidated Statement of Continuing ICAO Policies in the Air Transport Field* specifically, operative clause 11 of Appendix C, Airports and Air Navigation Services Economics to "address the issues of the appropriateness of a global cost recovery system for the provision of space weather information services for international civil aviation, including the development of a cost recovery mechanism consistent with ICAO's charging principles".

Pursuant to the Resolution, the activities summarized herein reflect the efforts undertaken under this mandate. The outcomes and considerations arising from the work on the cost recovery framework for space weather information services provide the basis for, and support, the proposed amendment to Resolution A41-27.

**Action:** The Assembly is invited to:

- acknowledge the work conducted since the 41st Session of the Assembly as set out in the Appendix;
- consider the responses received to the State letter on this subject, and the related deliberations of the Council as outlined in Section 4; and
- consider the recommendation in this paper when reviewing the proposed amendment to Resolution A41-27 as set out in A42-WP/42.

<i>Strategic Goals:</i>	This working paper relates to Strategic Goal – <i>The Economic Development of Air Transport Assures the Delivery of Economic Prosperity and Societal Well-Being for All.</i>
<i>Financial implications:</i>	The activities referred to in the attached Assembly working paper will be undertaken subject to the resources available in the 2026 – 2028 Regular Budget and/or from extra budgetary contributions.
<i>References:</i>	Doc 10184, <i>Assembly Resolutions in Force</i> (as of 7 October 2022) A42-WP/42 <i>Consolidated Statement of Continuing ICAO Policies in the Air Transport Field</i> State letter 25/38

A42-WP/541  
EC/42  
11/9/25



International Civil Aviation Organization

### WORKING PAPER

#### COUNCIL — 236TH SESSION

#### Subject No. 14: Subjects relating to air navigation

#### PROVISION OF SPACE WEATHER INFORMATION SERVICES

(Presented by the Secretary General)

#### EXECUTIVE SUMMARY

Following the recent discussions on cost recovery for space weather information services, and pursuant to the C-DEC 235/16, the Council will reconvene during its 236th Session to review the provision of space weather information services. This paper presents an overview of the establishment of the global space weather information service, including the technical provisions in Annex 3 – *Meteorological Service for International Air Navigation* and the *Procedures of Air Navigation Services – Meteorology* (PANS-MET, Doc 10157), designation of global and regional space weather centres (SWXCs) and the service framework to facilitate the above review.

**Action:** The Council is invited to:

- Note the relevant information about the establishment of the global space weather information service, including the technical provisions, designation of global and regional SWXCs, as well as the service framework.
- Agree that the technical provisions and service framework on space weather as contained in Annex 3 – *Meteorological Service for International Air Navigation* and the *Procedures of Air Navigation Services – Meteorology* (PANS-MET, Doc 10157), including those in the recently adopted Amendment 82 to Annex 3 should not be affected by any work relating to the cost recovery of the service; and
- Agree that should a global mechanism for cost recover not be able to be established, individual space weather centres or service providers should be allowed to recover the cost through other practical means, such as enroute charges, following ICAO's charging principles.

<i>Strategic Objectives:</i>	This working paper relates to Strategic Objectives: <i>Safety, Air Navigation Capacity and Efficiency and Economic Development of Air Transport.</i>
<i>Financial implications:</i>	The activities referred to in this paper will be undertaken subject to resources available in the 2023 – 2025 Regular Budget and/or from extra-budgetary contributions.



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# Any Question?

Thank you!