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ORGANIZACIÓN DE AVIACIÓN CIVIL INTERNACIONAL

ORGANISMO ESPECIALIZADO
DE LA ONU





METEOROLOGY PANEL



Clarification of the concept of meteorological authority

30 October to 01 November 2023

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References Working Paper

- SN/xx containing the following three annexes:
 - Attachment A: SN/01 submitted to the special meeting of the WG-MCRGG on December 17, 2020
Note: this includes the 2020 study in the Annex to the SN
 - Attachment B: PPT/01 presented to the Special Meeting of the WG-MCRGG on December 17, 2020
 - Attachment C: Summary and Outcomes of the December 17, 2020 WG-MCRGG Special Meeting



Introduction

- MA issue addressed by the ad hoc group WG-MCRGG WS-03 since 2017 (WG-MCRGG/3)
- Last meeting (February 2020): Revised Progress Report (WG-MCRGG/6-SN/5001)
- Close relationship of the MA issue with the WG - Magnetic resonance work on the structure of Annex 3 and reintroduction of PANS-MET
 - WG-MCRGG/6 Decision 6/1 (2020) reinforced Action 5/3 (2019) of WG-MCRGG/5 in this regard
- April-October 2020: Study undertaken to clarify the use of the terms 'Contracting State' and 'meteorological authority' in Annex 3 and (future) PANS-MET provisions
- WG-MCRGG Special Meeting convened on December 17, 2020.
 - Present the findings of the study
 - Seek consensus on how to move forward on the MA issue ahead of METP/5 (2021)



Discussion (1)

A study conducted in 2020 by an ICAO consultant (Annex 3/PANSMET) in coordination with the ad hoc group WG-MCRGG WS-03

- Use of the terms 'Contracting State' and 'meteorological authority' in the proposed restructured Annex 3/new PANS-MET provisions
- Methodology applied in conducting the study and results of the review
- Use of terminology, e.g. weather regulator, weather service providers
- Three options (A, B, and C) to address prior to METP/5

Option A:

Identify the meteorological authority as the "weather regulator" with responsibility for organizing and providing oversight/regulation of the weather service. Identify the entity providing the weather service as the "weather service provider."

Option B:

Identify the entity providing the weather service as the "meteorological authority." Identify the entity that organizes and provides weather service supervision/regulation as the "weather regulator".

Option C:

Identify the entity providing the weather service as the "meteorological authority." Identify the entity that organizes the provision of the meteorological service as the "Contracting State". NOTE: The pros and cons associated with each of these three options were included in the study.



Discussion (1)

- An Extraordinary Meeting of the WG-MCRGG was held on December 17, 2020
 - ✓ Members and advisors of the WG-MCRGG plus several members of the MET
 - ✓ WS-03 Leader's Progress Report and Presentation of 2020 Study Findings
 - ✓ Discussion on the advantages and disadvantages of each of the three options were presented
 - ✓ Strong support championed by WG-MCRGG members and METP members in attendance and consensus was reached to implement Option A
 - Identify the meteorological authority as the "weather regulator" with responsibility for organizing and providing oversight/regulation of the weather service. Identify the entity providing the weather service as a "weather service provider"
 - ✓ No support is expressed for Option B or Option C



Conclusion (2)

- There were important points raised in relation to option A:
 - ✓ It is necessary to ensure that, where a meteorological authority is defined, it performs a meteorological regulatory function, that the entity concerned possesses a sufficient level of competence or scientific and/or technical qualification in aeronautical meteorology, with which to perform its functions.
 - ✓ The functional separation between the regulator and the entity (or entities) responsible for the provision of services could, in some States, lead to a situation where the meteorological scientific and/or technical expertise available to the regulator/supervisor (i.e. the meteorological authority in the case of Option A) is reduced.
 - ✓ In this regard, the Special Meeting noted that it would be important for ICAO provisions to emphasize the importance of such matters, through an expansion of guidance in ICAO Doc 8896, the Manual of Aeronautical Meteorological Practices and even a future provision with ICAO Annex 3 that could address such needs.



Action project

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Whereas, the WG-MCRGG endorses the outcome of an extraordinary (online) meeting of the working group convened on 17 December 2020 at which a consensus was reached between WG-MCRGG members and METP members present to implement **Option A** arising from a 2020 study clarifying the use of the terms 'contracting states' and 'meteorological authority' in the forthcoming restructured Annex 3, Meteorological Service for International Air Navigation and new Service Procedures de Navegación Aérea – Meteorología (PANS-MET).

Note.—Option A identifies (1) the meteorological authority as the "weather regulator" with responsibility for organizing and providing weather service supervision/regulation and (2) the entity providing the weather service as the "weather service provider."

and

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That, in the light of the above Decision, the Working Group invites:

- a) the ad hoc group WG-MCRGG WS-03 to assist the ICAO Consultant (Annex 3/PANS-MET) and WG-MRI WS-03 (PANSMET) in incorporating proposals addressing the issue of 'meteorological authority' in the structured Annex 3, Meteorological Service for International Air Navigation and New Procedures for Air Navigation Services – Meteorology. (PANSMET), as well as the consequent amendments to other ICAO Annexes and/or PANS with expected applicability in November 2023;*
- b) at the end of (a), the WG-MCRGG submit ICAO's associated provisions to METP/5 (June 2021) for consideration; and*
- c) the ad hoc group WG-MCRGG WS-03, with the assistance of the ICAO Secretariat, to identify the guidance material that will need to be developed and/or updated to support the implementation of the new and/or improved ICAO provisions and to report accordingly to the WG-MCRGG/8 meeting (2022).*



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Gracias

