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Weather information for guests air traffic, search and rescue, and aeronautical information services

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PRESENTATION SUMMARY

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01

ORIGIN OF THE
INFORMATION
FROM ANNEX 3
TO CHAPTER 9
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Chapter 9 Meteorological information for air traffic, search and rescue, and aeronautical information services is structured as follows:

CHAPTER 9. Meteorological information for air traffic services, search and rescue services and aeronautical information services..... 9-1

9.1 Information for air traffic services units 9-1

9.2 Information for search and rescue services units 9-3

Origin of Section 9.1 Information for Air Traffic Services Units:

Annex 3, Appendix 9, Sections 1.1, 1.2, 1.3 and 1.5 which are included here in full, except for the part relating to dissemination in 1.5.1 (which is deleted as unnecessary, as the dissemination of meteorological information is already dealt with in the relevant chapters of Annex 3) and transmission in 1.5.2, which is included in Annex 3 as 10.1.5.2.

Origin of Section 9.2 Information for Search and Rescue Service Units:

Annex 3, Appendix 9, section 2.2 which is included here in its entirety.

02

IMPACT OF THE
INITIAL
PROPOSALS ON
CHAPTER 9 OF
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INITIAL PROPOSAL 2

FURTHER DEVELOPMENT OF SPACE WEATHER INFORMATION SERVICES

In the following initial proposals, the proposed amendments are indicated with respect to the proposed new MET-PANs contained in Initial Proposal 1.

The proposed amendments update the provisions on the space weather information service, following the successful launch of the service in November 2019.

The update of the space weather warning templates (Table A7-3) allows the use of the intensity identifier in both the observation and forecast fields and the implementation of the selected operating mode identifier, such as "EXER" and "TEST".

In addition, the requirements for the issuance of space weather NOTAMs are eliminated to avoid confusion in their issuance, dissemination and use, following the advice of States and industry.

CHAPTER 9. METEOROLOGICAL INFORMATION FOR AIR TRAFFIC SERVICES, SEARCH AND RESCUE SERVICES AND AERONAUTICAL INFORMATION SERVICES

...

9.1.3 List of information for the area control centre and flight information centre

The following meteorological information shall be supplied, as necessary, to an area control centre or a flight information centre by its associated meteorological watch office:

...

- g) volcanic ash advisory information issued by a volcanic ash advisory centre in its area of responsibility; ~~and~~
- h) information received on pre-eruption volcanic activity and/or a volcanic eruption as agreed between the meteorological and ATS authorities concerned; ~~and~~
- i) space weather advisory information issued by a space weather centre.

...

INITIAL PROPOSAL 3

QUANTITATIVE INFORMATION ON VOLCANIC ASH AND IAVW UPDATES

The proposed amendments allow VAACs in a position to do so to share quantitative information on volcanic ash (until 27 November 2025) and subsequently for all VAACs to do so (from 27 November 2025).

Likewise, the proposed amendments elevate the issuance of VONA to a recommended method and allow the dissemination of the notice in IWXXM format. Users of the notice are clarified.

In response to the introduction of VONA, it is proposed to remove the colored aeronautical key from the volcanic ash advisory. Consequential updates and minor fixes to the AAV templates are proposed.

**CHAPTER 9. METEOROLOGICAL INFORMATION FOR AIR TRAFFIC SERVICES,
SEARCH AND RESCUE SERVICES AND AERONAUTICAL INFORMATION SERVICES**

9.1 INFORMATION FOR AIR TRAFFIC SERVICES UNITS

...

9.1.1 List of information for the aerodrome control tower

The following meteorological information shall be supplied, as necessary, to an aerodrome control tower by its associated aerodrome meteorological office:

...

- e) ~~information received on pre-eruption volcanic activity and/or a volcanic eruption~~ VONA and volcanic activity reports as agreed between the meteorological and ATS authorities concerned.

9.1.2 List of information for the approach control unit

...

- e) ~~information received on pre-eruption volcanic activity and/or a volcanic eruption~~ VONA and volcanic activity reports as agreed between the meteorological and ATS authorities concerned.

**9.1.3 List of information for the area control centre
and flight information centre**

The following meteorological information shall be supplied, as necessary, to an area control centre or a flight information centre by its associated meteorological watch office:

...

g) volcanic ash advisory information issued by a volcanic ash advisory centre in its area of responsibility; ~~and~~

h) ~~information received on pre-eruption volcanic activity and/or a volcanic eruption~~ VONA and volcanic activity reports as agreed between the meteorological and ATS authorities concerned; and

i) forecasts of quantitative volcanic ash concentration information as agreed between the meteorological and ATS authorities concerned.

...

INITIAL PROPOSAL 6

ENHANCED DEFINITION OF METEOROLOGICAL AUTHORITY

The term "meteorological authority", used so far in Annex 3, has been replaced by the term "meteorological service provider" in these NAPs, since all procedures in this document are addressed to the service provider.

In addition, the term "competent ATS authority", as defined in Annex 11, is used throughout the document.

The proposed amendments include a clearer definition of the term "meteorological authority" and, accordingly, a new definition of the term "meteorological service provider" to better clarify the roles and responsibilities of both entities, reflecting the arrangements that are being implemented by more and more States.

The term "meteorological authority" has been replaced by the term "meteorological service provider" in 9.1.1 (d) and (e); 9.1.2 (d) and (e); 9.1.3 (d), (e) and (h); and 9.1.4.2.

In new 9.1.3 (i) (proposed in Initial Proposal 3 of attachment C), "meteorological authorities" is replaced by "meteorological service providers".

CAPÍTULO 9. INFORMACIÓN METEOROLÓGICA PARA LOS SERVICIOS DE TRÁNSITO AÉREO, DE BÚSQUEDA Y SALVAMENTO, Y DE INFORMACIÓN AERONÁUTICA

Nota editorial.— El término “autoridad meteorológica” se ha sustituido por el término “proveedor de servicios meteorológicos” en 9.1.1 d) y e); 9.1.2 d) y e); 9.1.3 d), e) y h); y 9.1.4.2.

9.1 INFORMACIÓN PARA LAS DEPENDENCIAS DE LOS SERVICIOS DE TRÁNSITO AÉREO

9.1.1 Lista de información para la torre de control de aeródromo

La oficina meteorológica de aeródromo asociada con la torre de control de aeródromo; proporcionará a esta la siguiente información meteorológica, según sea necesario:

...

- d) información recibida sobre una nube de cenizas volcánicas, respecto a la cual todavía no se haya expedido un mensaje SIGMET, según lo convenido entre ~~las autoridades~~ el proveedor de ~~servicios meteorológicos~~ y las autoridades ATS interesadas competente; y
- e) información recibida sobre la actividad volcánica precursora de erupción o sobre una erupción volcánica, según acuerdo entre ~~las autoridades~~ los proveedores de ~~servicios meteorológicos~~ y las autoridades ATS interesadas competente.

9.1.2 Lista de información para la dependencia de control de aproximación

La oficina meteorológica de aeródromo asociada con la dependencia de control de aproximación proporcionará a esta la siguiente información meteorológica, según sea necesario:

...

- d) información recibida sobre una nube de cenizas volcánicas, respecto a la cual todavía no se haya expedido un mensaje SIGMET, según lo convenido entre ~~las autoridades~~ el proveedor de ~~servicios meteorológicos~~ y las autoridades ATS interesadas competentes; y
- e) información recibida sobre la actividad volcánica precursora de erupción o sobre una erupción volcánica, según acuerdo entre ~~las autoridades~~ el proveedor de ~~servicios meteorológicos~~ y las autoridades ATS interesadas competente.

9.1.3 Lista de información para el centro de información de vuelo y centro de control de área

La oficina de vigilancia meteorológica asociada proporcionará, según sea necesario, la siguiente información meteorológica, a un centro de información de vuelo o a un centro de control de área:

...

- d) información recibida sobre una nube de cenizas volcánicas, respecto a la cual todavía no se haya expedido un mensaje SIGMET, según lo convenido entre ~~las autoridades~~ el proveedor de ~~servicios meteorológicos~~ y las autoridades ATS interesadas competente;
- e) información recibida sobre liberación a la atmósfera de materiales radiactivos, según lo convenido entre ~~la autoridad~~ el proveedor de ~~servicios meteorológicos~~ y la autoridad ATS interesadas competente;
- f) información sobre avisos de ciclones tropicales expedida por un centro de avisos de ciclones tropicales en esta zona de responsabilidad;
- g) información ~~información sobre~~ de avisos de cenizas volcánicas expedidos por un centro de avisos de cenizas volcánicas en esta zona de responsabilidad; y
- h) información recibida sobre la actividad volcánica precursora de erupción o sobre una erupción volcánica, según acuerdo entre ~~las autoridades~~ el proveedor de ~~servicios meteorológicos~~ y las autoridades ATS interesadas competente.

Nota editorial.— En el nuevo 9.1.3 i) (propuesto en la Propuesta inicial 3 del adjunto C), “autoridades meteorológicas” se reemplaza por “proveedores de servicios meteorológicos” para que diga lo siguiente:

- i) pronósticos de información cuantitativa sobre concentración de cenizas volcánicas según lo acordado entre los proveedores de servicios meteorológicos y las autoridades ATS competentes.

...

9.1.4 Formato de la información

...

9.1.4.2 Cuando se pongan a disposición de las dependencias de los servicios de tránsito aéreo datos reticulares en altitud tratados mediante computadora para utilizarse en las computadoras de los servicios de tránsito aéreo, el contenido y formato deberían ser los convenidos entre ~~la autoridad~~ el proveedor de ~~servicios meteorológicos~~ y la autoridad ATS competente.



Gracias!