



| ICAO

UNITING AVIATION

METNO PROCEDURE HARMONIZATION

Patrick SIMON
EUR ICAO DMG chair

ICAO AFI IWXXM Implementation
WEBINAR
25 August 2021



METNO PROCEDURE (1/8)

Main goal

Improve interregional (& regional) coordination on the notification of changes for OPMET data

Building a global mechanism for Notification

- WG-MIE proposes to **all ICAO regions** an harmonization of METNO procedures to assure a **global** and an **efficient** mechanism of notification
- First phase : harmonization of EUR and APAC existing procedures has been done



METNO PROCEDURE (2/8)

General principles

- Defining a regional focal point and/or a regional METNO team
- Request for change sent by a State to the regional focal point/regional METNO team (which could be ICAO regional office or regional group)
- Regional Internal way of dealing with the request (e.g. verifying it follows the RANP)
- Acceptance after a period to be determined : one AIRAC cycle is proposed
- Communication of the acceptance internally to the region and to the other regions focal point
- Sequence based on the AIRAC cycles.

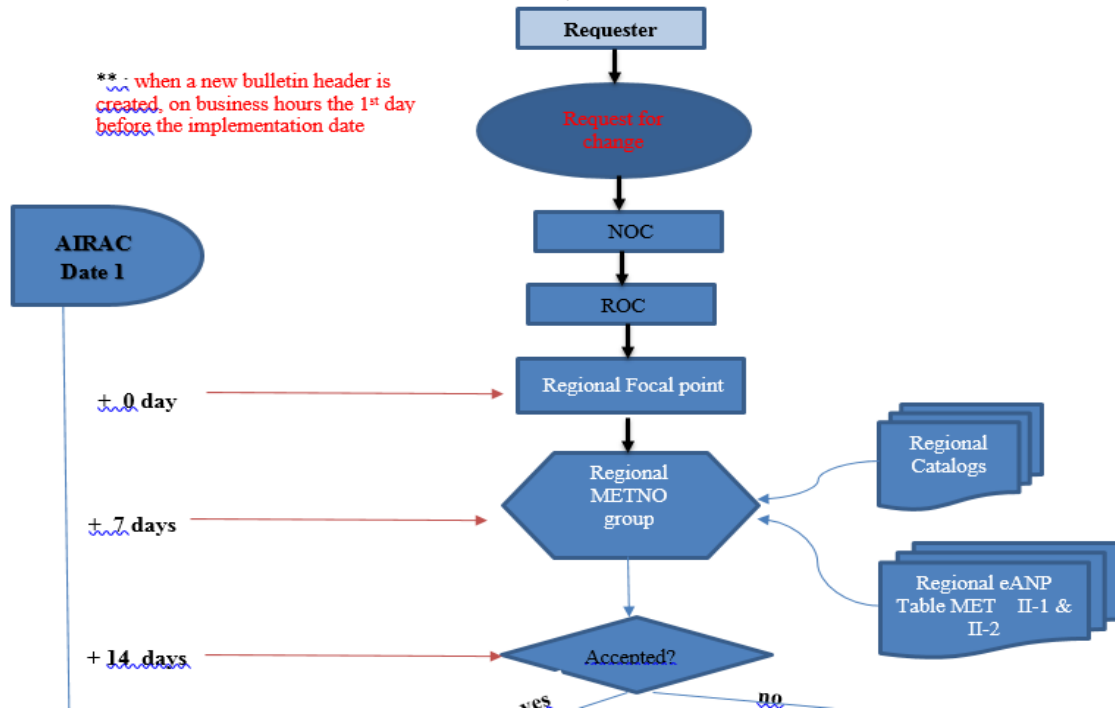


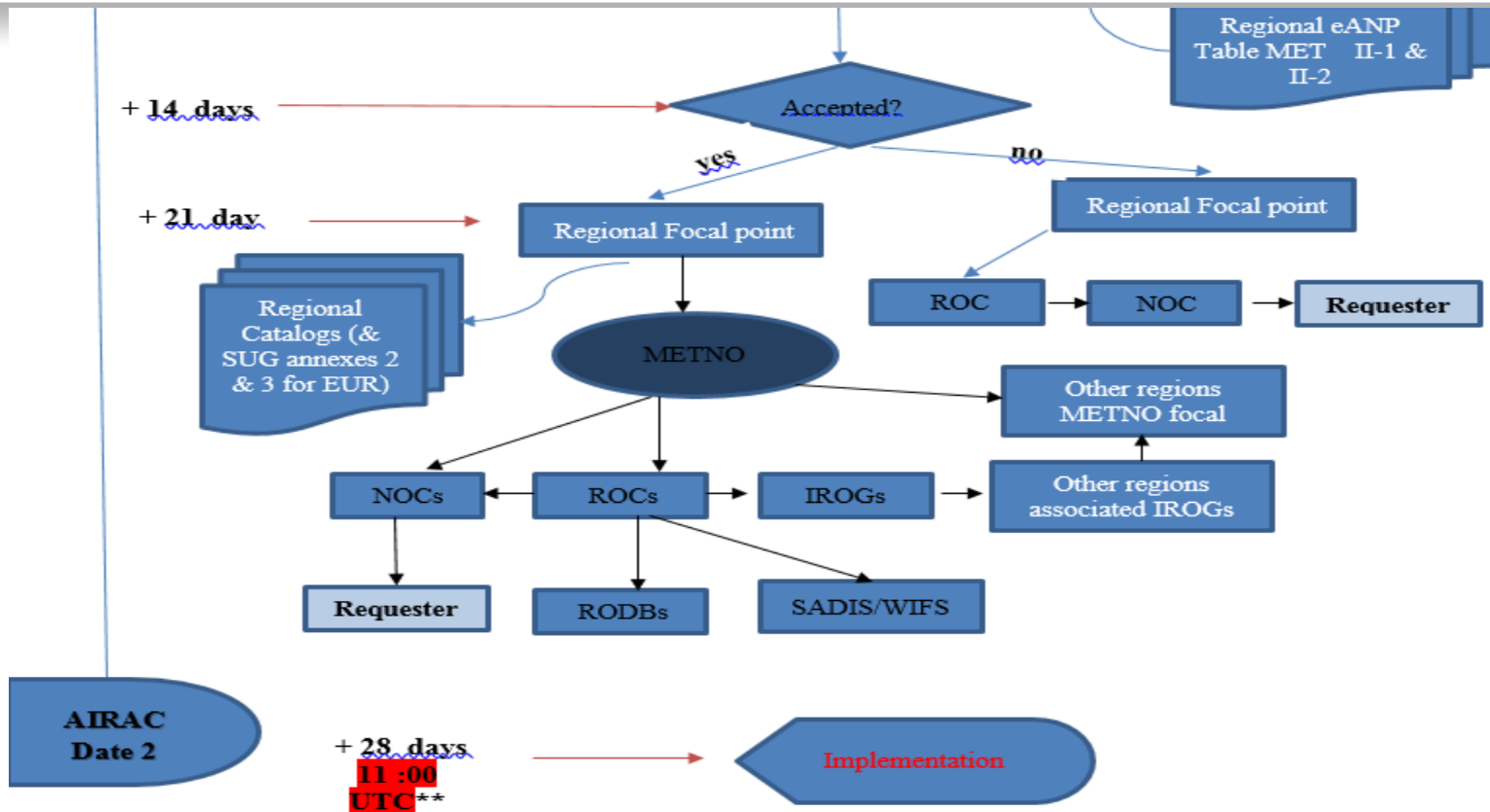
METNO PROCEDURE (3/8)

- Necessity to define the same structure of notification sent at the same date JJ before a new AIRAC cycle
- Defining the same syntax of the METNO messages allows automatic processing in all regions and is well understood
- regional dissemination list and to the other regional focal points (email) and/or agreed IROG addresses (AFTN, AMHS)

The header of the METNO bulletin is proposed to be **NOXX31 CCCC** YYGGgg, where

- **XX** is a general area designator (example : EU for EUR, AF for AFI ...)
- **CCCC** is the location indicator of the regional FP Centre







METNO PROCEDURE (7/8)

- Adding IWXXM METARs/TAFs to a registered bulletin will by default result in adding the equivalent TAC METARs/TAFs for their parallel distribution. There can be no IWXXM data without any equivalent TAC-formatted version of the data.
- The Focal point and/or regional group receives update requests:
 - Preferably via ROC, but also from NOCs.
 - After authentication, sort updates based on suggested implementation date: AIRAC is highly recommended.
 - Compiles AIRAC METNO - or EXTRA METNO for intermediate updates with immediate implementation of new or expiring bulletins.



METNO PROCEDURE (8/8)

Key issues to be considered for the management of AFS data traffic volumes are:

- Avoid data duplication.
- Authenticated data only (received by AFS)
- eANP required data (AOP) & Agreed exchanged Non-AOP data
- Differentiate bulletins for AOP / bulletins for non AOP agreed exchanged data



| ICAO

UNITING AVIATION





ICAO

UNITING AVIATION



ICAO

North American
Central American
and Caribbean
(NACC) Office
Mexico City

South American
(SAM) Office
Lima

ICAO
Headquarters
Montréal

Western and
Central African
(WACAF) Office
Dakar

European and
North Atlantic
(EUR/NAT) Office
Paris

Middle East
(MID) Office
Cairo

Eastern and
Southern African
(ESAF) Office
Nairobi

Asia and Pacific
(APAC) Sub-office
Beijing

Asia and Pacific
(APAC) Office
Bangkok



THANK YOU