METNO PROCEDURE HARMONIZATION

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ICAO MID IWXXM Implementation Webinar

Virtual, 26-27 May 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

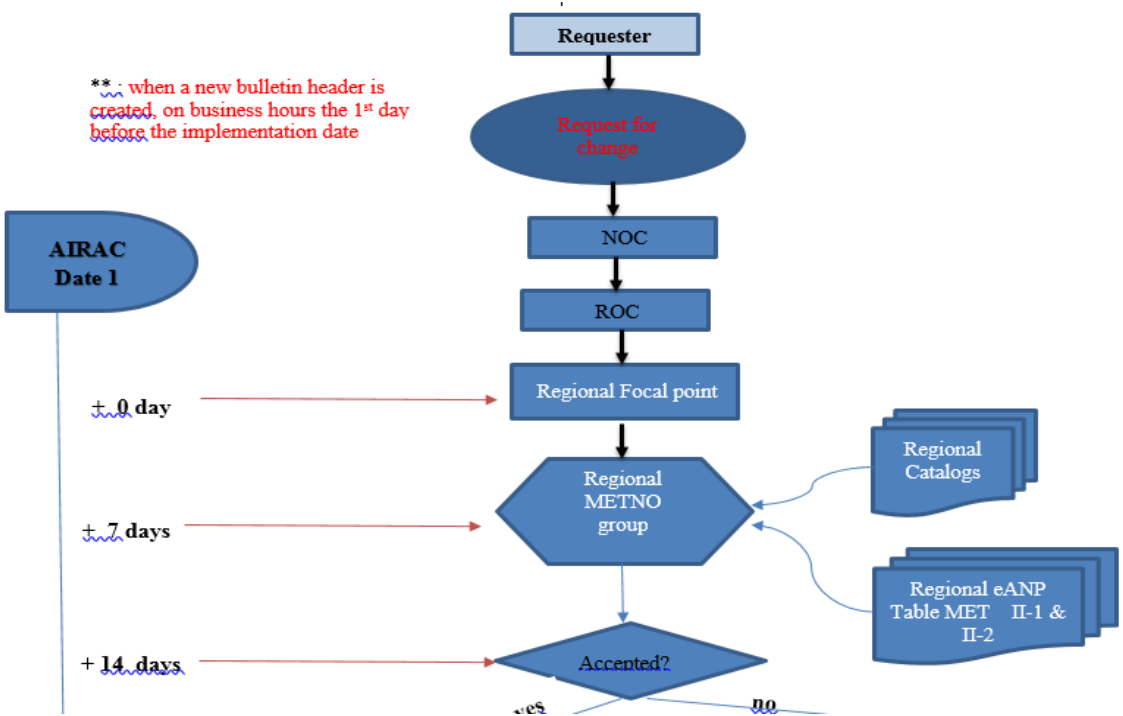
- Defining a regional focal point and/or a regional METNO team
- Request for change sent by a State to the regional focal point/regional METNO team (which could be ICAO regional office or regional group)
- Regional Internal way of dealing with the request (e.g. verifying it follows the RANP)
- Acceptance 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.

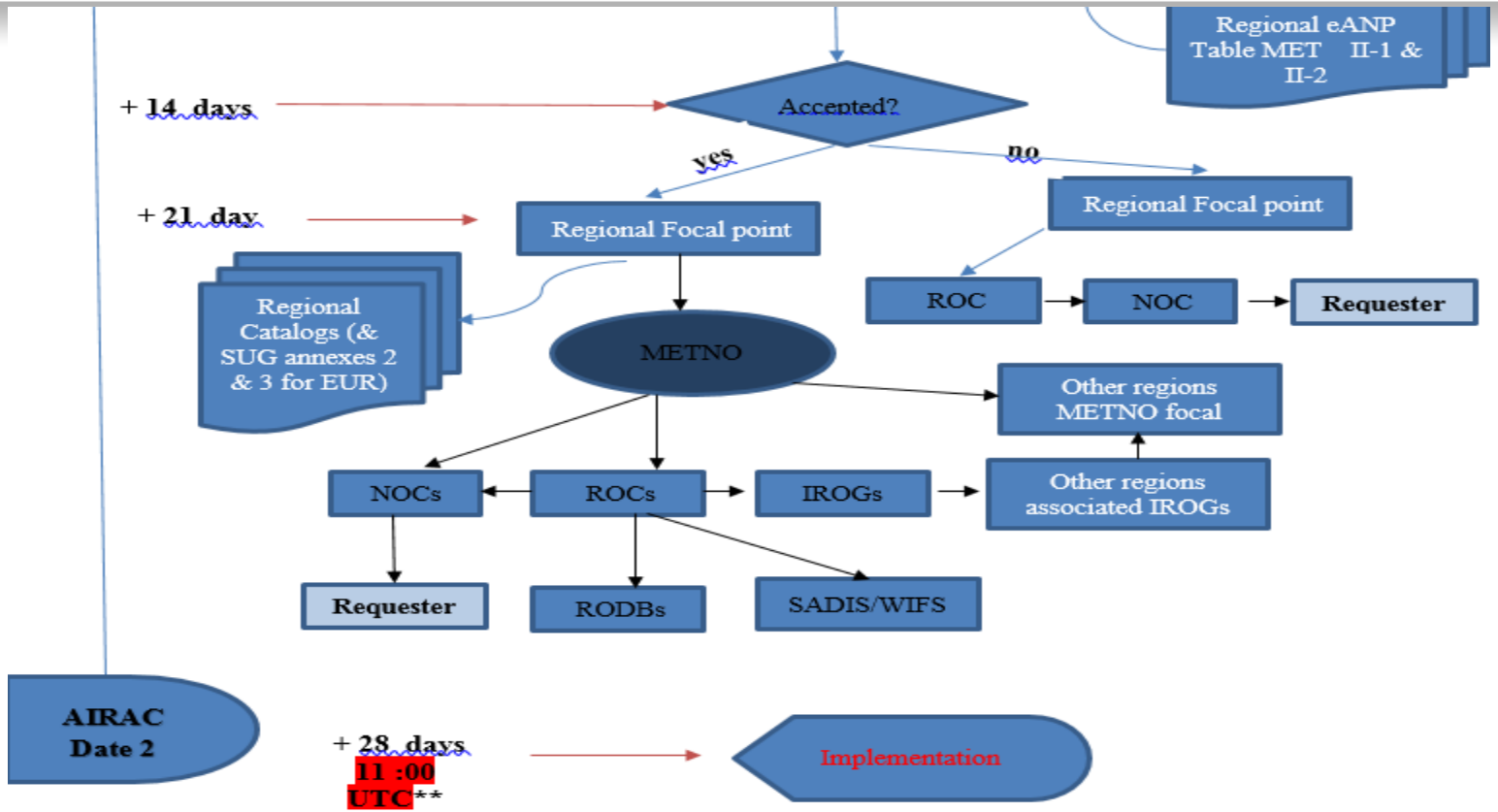
METNO PROCEDURE (3/8)

- 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 NO**XX**31 **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


** : when a new bulletin header is created, on business hours the 1st day before the implementation date
Requester
Request for change
NOC
ROC
Regional Focal point
Regional METNO group
Regional Catalogs
Regional eANP Table MET II-1 & II-2
Accented?
AIRAC Date 1
+ 0 day
+ 7 days
+ 14 days
no


Regional eANP Table MET II-1 & II-2
+ 14 days
Accepted?
yes
no
+ 21 day
Regional Focal point
Regional Focal point
Regional Catalogs (& SUG annexes 2 & 3 for EUR)
ROC
NOC
Requester
METNO
Other regions METNO focal
NOCs
ROCs
IROGs
Other regions associated IROGs
Requester
RODBs
SADIS/WIFS
AIRAC Date 2
+ 28 days
11 :00 UTC**
Implementation

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

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THANK YOU