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WG-MIE Developments on IWXXM

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WG-MIE/7 developments (1/5)

- **Work Streams based on METP job cards**
  - WS1: IWXXM Requirements

  - WS2: SWIM Plan

  - WS3: IWXXM Documentation

  - WS4: Support & Coordination

WG-MIE/7 developments (2/5)

- **Adoption of a new IWXXM versioning policy** by WMO, proposed to METP
→ New IWXXM versions being released for only those products where changes are applied,
→ Existing version would remain for those products where there is no change in the content of IWXXM.

- **IWXXM State extension**, proposed to METP
→ Proposal to invite ICAO Secretariat to arrange for designation of a body to host a 24/7 supported repository,
→ Develop guidelines pertaining to the introduction and updating of the extension schema definitions by States,
→ Develop process and objective criteria to raise a candidate State extension for inclusion in the core of the IWXXM schema.

WG-MIE/7 developments (3/5)

- **New IWXXM Design**

→ A new IWXXM design treating an instance of a meteorological phenomenon as a weather object ,

→ Overcoming limitations imposed by deriving IWXXM reports from TAC templates,

→ Defining a new IWXXM design which can better support features in the SWIM environment, not derived from their TAC counterparts and more generic

WG-MIE/7 developments (4/5)

- **Harmonization of Exchange Models**
→ Look at the mapping between IWXXM and AIRM and propose any change requests, as necessary.

- **TAC cessation**
→ TAC would be removed as a Standard in ICAO Annex 3 within Block 2 timeframe, which is between 2025-2030

WG-MIE/7 developments (5/5)

- Interregional Coordination on IWXXM Information Exchange

→ Proposal to METP that WG-MIE should coordinate implementation of interregional IWXXM exchange, in coordination with ICAO Secretariat and Regions.

→ Develop a generic plan/work package to:

- Identify if testing phases described in the Guidelines Document covers testing the full AMHS FTBP connectivity between adjacent regions,

- Identify which testing phases should be in place to test the reception of IWXXM data from an adjacent region, and

- Implement METNO procedure globally.

- IWXXM Exchange Testing

→ Further explore which detailed testing should be proposed to connect a NOC to its ROC or RODB regarding IWXXM.