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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 define a global 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)



- **Exchange Models & Harmonization**
 - Look at the mapping between IWXXM and AIRM and propose any change requests, as necessary.
 - See if an IWXXM CCB (Change Control Board) could be useful and with which principles
- **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, in coordination with the ICAO Secretariat, assist ICAO Regional Groups in further promoting the implementation of interregional IWXXM information exchange.
 - 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.



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THANK YOU