

## DMG42 Notes

18-20.06.2024

The DMG42 was held from 18<sup>th</sup> to 20<sup>th</sup> June 2024 at ROMATSA's premises, Bucharest. The meeting was attended by the following members:

Mr. Sid Ali Hamadouche	Algeria
Mr. Walid Chikhi	Algeria
Mr. Michael Pichler	Austria (vice-Chairman)
Mr. Wim Demol	Belgium (Chairman)
Mr. Dirk Zinkhan	Germany
Mr. Benjamin Revel	France
Mr. Laurentiu Brojboiu	Romania (Secretary)
Mrs. Alfiia Iafunyaeva	Russian Federation (on-line participation)
Mr. Vladimir Tsukanov	Russian Federation (on-line participation)
Mr. Diego Cubero Jiménez	Spain
Mr. Matthew Wagner	United Kingdom & SADIS
Ms. Natalia Savvina	ICAO EUR/NAT

The meeting started on Tuesday 18<sup>th</sup> June 09:30 CET. The agenda of the meeting was presented in WP01 for adoption:

### 1. Approval of the Agenda

- WP01 – Agenda (Chair)

### 2. Approval of the DMG/41 report & Actions from previous meetings

Draft Report DMG/41 actions list

- Status of the actions resulting from DMG/41 (DMG Sec)

### 3. Information from other groups

- ICAO EUR/NAT parent groups (EASPG, PCG, METG):
- ICAO EUR/NAT other groups (AST TF, AST TF/PG, VOLCEX, PT/EAST,...):
  - PPT1: Report to AST-TF-5 (Michael/Wim)
- ICAO Global Groups (WG-MIE, WG-MOG/SADIS, IMP, METP,...):
  - IP01: SADIS IWXXM
  - WP07: Removal of TAC from ICAO Annex3
  - ~~MIE10-SN3303 Communication of IWXXM releases~~
  - IP06: MIE 11
- WMO groups of DMG interest (TT AvData,...):
  - IP04 – Latest news from SDM (Michael)
- EASA & EU:

### 4. IWXXM action plan

- Consider development of implementation table based on information from METNO
- Actions and coordination to maintain the regional implementation plan Volume III, Table ASBU-EUR-B1-AMET
- Monitor status of translation agreements for IWXXM

- Coordination of interregional IWXXM-data exchange
  - [IP02: MET data routing and IWXXM exchange \(Matt\)](#)
  - [IP08: IWXXM messages from AFI \(Benjamin\)](#)

[WP12: IWXXM monitoring \(Michael\)](#)

[WP06: IWXXM version \(Michael/Dirk\)](#)

[IP03: APAC SWIM-Task Force \(Michael\)](#)

## 5. OPMET Data Monitoring results, action plans & PHP

- Regular monitoring of OPMET data (EUR DMG-monitoring, EUR Warning Monitoring,...)
  - [WP05: EUR Warning Monitoring Results-upd \(Michael\)](#)
- Special monitoring of OPMET data (TC-SIGMET, SWXA,...)
- Review of open PHP actions or action plans for AOP aerodrome OPMET data
  - [WP11: PHP Report](#)
- IWXXM-Monitoring
- Maintain and update the “EUR RODEX OPMET and SADIS Catalogue”
  - [WP04: EUR RODEX and SADIS OPMET catalogue \(Wim\)](#)

## 6. Performance indices & Volume III – MET OPMET implementation

- Review PIs calculated from latest OPMET monitoring for availability and timeliness of OPMET data in order to
  - Prepare an update proposal for eANP Vol III
    - [IP05: METG34 WP – EUR ANP Vol III \(Natalia\)](#)
    - [Discussion on statistics to be used for eANP Vol III ASBU-EUR-B0-AMET \(Wim\)](#)
  - Prepare detailed information for States failed to comply with defined thresholds
    - [WP/IPxx -](#)
  - Assist States that failed to comply in solving the issues
    - [WP/IPxx -](#)
- Possible development of an online-tool to be used by MET service providers to review results

## 7. RODEX

- New RODEX Back-up procedures/contingency arrangements
- Shortcomings of the RODEX-schema (network limitations, outages,...)
- Coordination with other regions (AMHS I/R-gateways and link)
  - [IP07: Action 37-4-2 - Routing AFI data \(Benjamin\)](#)
- [WP08: SADIS behaviour \(Michael\)](#)

## 8. Revised RODC tool

The following ideas have been collected for an RODC-tool:

- Develop an online form for requesting changes to OPMET bulletins and/or contents of OPMET bulletin and allowing increased automation of the METNO procedure.
- Provide information on available/required data (based on DMG monitoring and METNO procedure) in different, reasonable presentation/views
- Provide PI (Performance Indices) via RODC including details enabling States to identify the issues in case of low percentages

## 9. EUR Documents (outside IWXXM elements)

- Doc 014 - EUR SIGMET & AIRMET Guide
- Doc 018 - EUR OPMET data Management Handbook
  - [WP09: Update Proposal EUR Doc 018 \(Michael\)](#)

## 10. SWIM

- Follow SWIM developments from WG/MIE, SESAR DM and other relevant groups and assist in deriving an implementation plan in the EUR region for SWIM
- Develop a EUR SWIM Plan with possible roles/functions of ROCs and RODBs, including dedicated SWIM-services
  - [WP03: CONOPS Transition AFS2SWIM](#)

## 11. Preparation of METG/34

- DMG report for METG/34
- Other DMG papers to be prepared for METG/34
  - [WP10 DMG METG34 preparation](#)

## 12. Next meetings

DMG/43: 5-7 Nov 2024, Virtual  
DMG/44: March 2025, Paris

## 13. Any Other Business

(e.g. future retirement(s) and/or job change(s) and transfer of relevant duties)

### [Agenda Item 1 - Approval of the Agenda](#)

A tour-de-table took place for introducing the DMG participants.

### [Agenda Item 2 - Approval of the DMG/40 report & Actions from previous meetings](#)

The DMG members were presented the report of DMG41 meeting. After review and clarifications, the report was approved by the group.

**Actions from previous meetings**  
(actions **highlighted** are considered completed)

<b>Id</b>	<b>Action</b>	<b>Responsible</b>	<b>Target date</b>	<b>Resolution / Comments</b>
	<b>DMG37</b>			
<b>DMG37-4-2</b>	Investigate with AFI region regarding the exchange of data with NACC	ROC Toulouse	DMG38	IP07
DMG37-7-2	Address to a higher-level the issue regarding SIGMETs issuance and dissemination for the 4 FIRs of Turkmenistan	ICAO		Remains open – official visit of representatives from Turkmenistan to ICAO EUR/NAT announced for October 2024 - the problem could be addressed there. Updates for DMG43
	<b>DMG40</b>			
DMG40-3-3	Try to establish a teleconference with SAM Office and Jun to obtain contact persons in the SAM region for setting up the IWXXM exchange.	N. Gelovani M. Wagner	Nov-Dec 2024	
<b>DMG40-5-3</b>	Check with Jan Sondij on the usage of the single catalogue naming throughout Doc 018.  Wim to verify what other documents need to be updated in that respect (DMG Work Programme).	M. Pichler W. Demol	DMG41	
	<b>DMG41</b>			
<b>DMG41-3-1</b>	IP on a suggested usage of the version numbering in IWXXM messages, and a possible recommendation in EUR Doc 018 on the usage of the new versions (in correlation with Annex 3 Amds).	M. Pichler D. Zinkhan M. Wagner	DMG42	WP06

DMG41-5-1	Check the monitoring results and investigate on the problems recorded for AFI Region data.  Michael and Matt will support with providing the results of a one-day monitoring, for comparison and identifying the problems. The exact date will be agreed by the three participants	Benjamin		
DMG41-5-2	Derive a table with the availability of IWXXM data (similar to the one corresponding for the TAC data).	Michael	DMG42	
DMG41-5-3	Include into the DMG report to METG the problem regarding special characters, with a proposal for a draft decision to request ICAO that the documents provided for DMG activities to contain allowed characters only	Wim	METG34	
DMG41-5-4	Capture SIGMET/AIRMET headers for a period of 4 month and make the results available to DMG and ICAO Secretariat	Benjamin	METG34	Completed, headers provided.
DMG41-5-5	Investigate the Warning monitoring results on possible routing problems and take the appropriate actions	4 ROCs	DMG42	WP05
DMG41-5-6	Transfer Valentin's tickets to Benjamin.  Finish the hand-over process by introducing Diego to initiate tickets	Matt Diego	DMG42	WP11
DMG41-5-7	Update the paper regarding possible information extracted from IWXXM monitoring, in order to decide what to present to METG34	M. Pichler	DMG42	WP12
DMG41-5-8	Check the procedures that are in place in their State with respect of issuing AIREPs.	DMG members	DMG42/ METG34	
DMG41-8-2	The distributed METNO messages shall include in the Remarks section the explicit statement that no EXTRA METNO is allowed between the AIRAC dates	DMG FP		Done.

DMG40-8-3	Provide proposals for amendments of EUR Doc 18 to M.Pichler who will present a WP at DMG42	DMG members	DMG42	
DMG41-10-1	Send comments on SWIM transition to Michael, who will prepare a paper for discussion at DMG42, with the intention to raise these topics further to MIE (October 2024) and METG34	DMG members	DMG42	WP03
DMG41-12-1	Provide results of faulty SIGMETs to IROGs London and Toulouse to address those through their counterparts in the respective regions	M. Pichler M. Wagner B. Revel	DMG42	
DMG41-12-2	Check the possibility to extract METNO Overview data in CSV from the database	Wim	DMG42	

### Agenda Item 3 - Information from other groups

#### **IP01 – SADIS IWXXM**

Matt informed the group of the responses received from States on two questions related to IWXXM usage, included in the annual SADIS efficacy survey. Only a number of 16 replies indicated downloading IWXXM data, mainly for testing purposes.

With regard to the IWXXM data availability, it was noted that the high numbers are on the EUR region, while from regions like NAM or SAM no data is yet available. An availability picture was presented, and it was agreed to include it for illustration, in the presentation to AST-TF the next day.

#### **WP07 – Removal of TAC from ICAO Annex 3**

Matt informed the group that he leads activity 2.5 of the MIE workplan, Removal of TAC from Annex 3, as a key element for speeding up the transition to IWXXM. The removal will be announced in Amd 83 (Nov. 2027), then TAC as a standard will be removed by Amd 84 (Nov. 2030). This timeframe will be finalised at the METP WG MIE12 (October, Washington) and then presented at the METP6 (March 2025, Montreal).

#### **IP06 -MIE**

Matt presented to the DMG an update of the IP to inform of the ICAO METP WG MIE activities and DMG member involvement.

Regarding the industry involvement, it was pointed that this is considered important by MIE, and until now NETSYS has been proposed by METP members to SA. Other industry partners are welcomed. As such, IBL for instance, if interested may approach the METP member from Germany (Dirk will forward the request to Klaus Sturm and Matt will be informed on the outcome, as he leads the corresponding activity within MIE).

#### **IP04 – Latest news from SDM**

SDM mainly worked on the review of the SDP. The proposal, plus the guidance material and an additional document detailing what needs to be implemented by stakeholders were circulated for review. Based on the feedback, the refined versions were forwarded to ND-TECH and ND-OPS. Due to concerns stated by one stakeholder regarding the new system requirements, the consultation process was extended and instead of issuing the new SDP in July, this is now scheduled for September.

MET3SG/5 presented the outcome of the different task teams that were previously set-up: Service Implementation Roadmap, Service Architecture, Number of Services, QVA Service Definition. An additional task team is intended to be started, to work on the use cases for the basic and enhanced services.

With regard to the Public Key Infrastructure, the group was informed on the current status of implementing the EACP. The group further discussed about the work that is also done by the International Aviation Trust Framework (IATF) Group of ICAO.

#### **IP09 - Update on TT-AvData activities & IWXXM**

Dirk Zinkhan presented an update of the TT-AvData activities, with the main focus on the work for finalisation of IWXXM version 2025-2. The release candidate was published in April 2024 for consultation. The main changes introduced by this version were highlighted, per the specific constituent packages: the removal of runway state condition, unlimited number of locations for RVR reporting, possibility to report T and DP in tenth of degrees C, introduction of VONA and QVA.

With regard to IWXXM for Aerodrome MET Observation and Forecast, it was recalled that a small group of MET3SG members with support of TT-AvData Chair is currently working on the development of the corresponding schemas (based on IWXXM-SX). For the Aerodrome MET Forecast, some new functionalities are envisaged, related to introduction of support for time-series and for probabilistic forecasts. The progress of activities can be followed on the provided links on Github.

### **Manual on SWIM & PANS-IM**

Natalia informed the DMG members that the 2024 update of the ICAO Doc 10039 Manual on SWIM has already been published on the ICAO portal, and she will share the corresponding link with the group members. Also, the first version of ICAO Doc 10199 (PANS-IM) was approved in March, with applicability date Nov 2024.

## **Agenda Item 4 – IWXXM Action Plan**

### **IP02 – MET Data routing and IWXXM exchange**

Matt presented an update to the inter-regional exchange of OPMET. With regard to IWXXM, the following progress was noted:

- WAFC Washington would provide sample IWXXM data to ROC London for testing purposes. They will not be able to produce IWXXM data yet.
- Coordination with Canada to start exchange between test systems
- Full exchange of IWXXM between IROG Singapore and IROG London

No progress was recorded regarding the exchange with SAM region. EUR data is sent by London to IROG Brasilia. London has been informed that IWXXM is available for Brazil, Argentina, Guyana, Paraguay.

Regarding the exchange with the AFI region, the following action was concluded:

Action DMG42-4-1: Benjamin will check for the METAR/TAF data in IWXXM from CAR States under the French authority.

### **IP08 – AFI IWXXM Availability**

Benjamin informed the group that currently only TAC data is exchanged with the AFI region. Investigations with points of contact from the region revealed that Dakar was able to receive IWXXM data, but not yet ready to produce, while Pretoria seemed to have IWXXM support since 2016, although its data does not reach ROC Toulouse.

Benjamin informed that one possible reason for missing IWXXM data from Dakar and Pretoria may be related to a remaining AFTN segment between Dakar and Algeria. The latest COM chart was analysed by the DMG members. It was questioned the AMHS capability between MET and COM centres in Dakar and Pretoria. A paper from Pretoria was displayed to the group, showing that the P3 AMHS connection between MET&COM centres was already in place. To be raised during the AST-TF meeting next day.

### **IP03 – APAC SWIM TF**

Michael presented to the group a paper that was discussed at the APAC SWIM Task Force, on the SWIM TI and mainly on security. The paper mentioned a draft version of a “Manual on Information Security” by ICAO the ICAO Trust Framework Panel (TFP). It also provided a draft version of the APAC SWIM TI Profiles document, which provided (in one attachment) examples of SWIM AMQP-message headers, including SIGMET. Those were considered to be already covered by the IWXXM schema. Dirk mentioned that this paper proposed to use metadata in the AMQP-header based on which the current



exchange schema could be mimicked via brokers. This would be against the SWIM-principles and is unlikely to be accepted.

The group noted the discussions in the APAC region and considered important to look further with interest on the activity of ICAO groups from other regions on the TI and maintain coordination with those.

### **WP06 – IWXXM Version**

In response to action DMG41-3-1, and based on the outcome of MET3SG/5 meeting regarding what IWXXM version need to be used, Michael presented to DMG a draft proposal of a sentence to be included in Doc 018. After a slight refinement of the wording, the group also agreed to include the IWXXM versioning table in the document, with a clear reference that Doc 018 is only updated periodically and as such the actual IWXXM version to be used shall be checked all the times on the WMO website reference.

### **WP12 - IWXXM Monitoring**

Following action DMG41-5-7, Michael presented to the group statistics regarding IWXXM data monitored during Feb 2024:

- Number of received reports (per data type)
- IWXXM version used
- Operational status of messages (operational / test / exercise)
- Translation (translated / at source)
- Translation failures
- Global availability (per region and data type)

The statistics were already published on the DMG website, being available for analysis.

The group was notified on some discrepancies, like for instance the number of reports with distinct aggregation and IWXXM version being greater than the total number of reports of that type. That could be explained by admitting that reports for specific locations being present in different aggregations, or different IWXXM versions being recorded (possible from two different translations).

The group appreciated the results and considered that it should be presented to METG. One first action would be for Michael to tidy-up the monitoring results for presenting to METG; the SADIS availability results will not be included. A second one would be (subject to time and resources availability) to investigate on the discrepancies between the results, aiming to identify possible causes and present those as well to METG in order to have them addressed.

Action DMG42-4-2: Michael will prepare the IWXXM statistics for presentation to METG34.

### **WP08 – SADIS Behaviour**

As already pointed out in the previous paper, a special situation is encountered with the bulletins distributed by SADIS (both on FTP and API). As the aggregated data are parsed and IWXXM data are stored station-wise in the database, the individual reports have a header derived from the original header, keeping the TTAaii and YYGGgg, with the CCCC replaced by the location indicator for that report. The problem appears when CCCC is both an airport and a compiling centre, as the derived bulletin will overwrite the original. The group discussed on the foreseen risks. Possible solutions would be to use “bespoke” AAii for the report based data stored by the SADIS provider (eg. UK99) or even the storage of the original aggregations instead of station-wise, but all these come with certain implications. The group decided that this issue be brought to the attention at METG34.

Action DMG42-4-3: Michael will prepare a paper for METG34 regarding the SADIS behaviour for IWXXM data.

## **Agenda Item 5. OPMET Data Monitoring results, action plans & PHP**

### **WP05 – EUR Warning Monitoring**

Michael presented an update of the Warning Monitoring results, including:

- corrected ROCs for addressing issues;
- list of missing SIGMET / ARS headers

The proposed actions were for ROCs to investigate on the updated list of issues (some actions were already taken by ROC London and ROC Vienna). For the missing headers, a possible reason could be the usage of outdated warning focal point contacts.

Action DMG42-5-1: All ROCs investigate the updated warning monitoring results and take the appropriate actions.

Action DMG42-5-2: The DMG report to METG should include information that States to update the warning monitoring focal point, where needed.

Action DMG42-5-3: Russian Federation to contact Kyrgyzstan for confirmation on the ARS headers used. If necessary, METNO + update of the EUR ARS headers list.

### **WP11 – PHP Report**

Diego presented the PHP Report – the current status of the PHP actions. The summary will be included into the DMG report.

Regarding the old tickets that had not been solved, it was agreed to check whether the corresponding data appeared during the latest monitoring results. If that is not the case, then the corresponding States from EUR Region or respectively the corresponding IROGs need to be contacted. There is a high probability that in many cases it would just be a matter of updating the table MET II-2.

It was also mentioned that the tickets in state “Closed” need to be manually put in state “Final Closed” as a final confirmation. There is no automatic procedure for this action.

Action DMG42-5-4: The corresponding problem handlers will verify the tickets against the latest monitoring results to see whether the problems are solved or additional action need to be taken.

Action DMG42-5-5: Tickets having status “Closed” to be put in “Final closed”

Action DMG42-5-6: Wim will provide access to the ticketing application (credentials) for the Algerian representative(s).

### **WP04 - EUR RODEX and SADIS OPMET Catalogue**

Starting from the reasons that impose the rationalisation of OPMET catalogue productions, Wim presented to the group a proposal meant to limit the erroneous or unwanted information from the catalogues:

- DELBUL now completely deletes the corresponding entry from the inventory and from Opmtdb
- Routine data not monitored (during 3 consecutive exercises) will be removed (same as before)
- Opmtdb will now be filtered and will contain only (1) all known non-routine data, plus (2) all routine data either introduced by METNO during last year or monitored during the latest exercise

Missing IWXXM equivalent of a TAC introduced by METNO will not be removed though, if TAC was monitored.

The catalogue will not include the headers used by SADIS for storing the station-wise data.

Action DMG42-5-7: Wim will include in the DMG report for METG34 a brief description of the process for deriving the catalogue published by DMG.

## **Agenda Item 7.            RODEX**

### **IP07 - Action 37-4-2 - Routing AFI data**

Benjamin informed the group on the current situation regarding the data exchange between IROG Toulouse and the AFI Region. Currently, not only EUR data are distributed to Dakar and Pretoria, but also data from other regions. Pretoria asked for the list of headers disseminated by IROG Toulouse in order to check whether those are also received from other sources. The intention for IROG Toulouse would be to maintain a consistent, uniform distribution policy. The following actions were agreed:

Action DMG42-7-1: Benjamin will check with POC from Dakar and Pretoria if they agree to officially use SADIS for receiving data from other regions.

Action DMG42-7-2: Benjamin and Matt (through his contact in Washington) to check whether NAT sends data to AFI, and whether Dakar or Pretoria (or both) send AFI data to Washington.

## **Agenda Item 8.            Revised RODC tool**

### **RODC Discussion**

The DMG welcomed the participants from Algeria. It was agreed on continuing the work on the RODC application, as Meteo Algerie had confirmed to offer support. Additional aspects were thought to be taken into consideration, like issues related to cyber-security. Later during and after the meeting, Michael discussed with Sid Ali and Walid on specific details related to the previous developments carried on by Mohamed and Herman, and the latest agreements on RODC usability.

## **Agenda Item 9.            EUR Documents (outside IWXXM elements)**

### **WP09 – Update of the EUR OPMET Handbook**

Michael presented the updated version of the EUR OPMET Handbook, highlighting the operated changes. With respect to Appendix E Chapter 3. RODEX-Tables and AFS Addressing, the group discussed on the content of 3.3 AFS Addressing. It was agreed an action to revise this paragraph:

Action DMG42-9-1: All DMG members to review par. 3.3 AFS Addressing of App. E to Doc. 018 with respect to what is useful for both DMG members and the users.

Chapter 3.4 Distribution Modes for non-OPMET Data: it was agreed to remove the entire paragraph.

### **WP03 – CONOPS Transition AFS2SWIM**

The updated paper presented by Michael highlighted the main topics to be discussed when transitioning to SWIM:

- One or more instances of SWIM-services per State - already agreed for one instance by MET3SG
- Filtering options - latest report(s) for the requested airport, or all valid warnings for the requested FIR. For enhanced services there may be needed additional filters.
- Provide SWIM-services on behalf of States
- PKI
- ROC as a broker
- SWIM Registry / Catalogue / Topic structure (searchable)
- Data Quality

When going through the document, at 2.1 Global OPMET Distribution, Matt considered that the drawing may be misleading in the way that a direct link would exist from Brazil to London, or from Pretoria to Toulouse. He would try to come with a proposal for a better description of the current OPMET distribution, based on the COM chart.

The group discussed on the above-mentioned topics, in particular on the broker capability and the searchable catalogue. An example was discussed, when a user would search for flight documentation and would need the OPMET data for specific aerodromes – it would need to address one single interrogation and obtain the necessary data, instead of requesting the data through each individual SWIM services provided by the States corresponding to those aerodromes (one-stop-shop). The searchable catalogue would also be imagined to be a dynamic repository where to ask on the availability of the required data and find the corresponding sources for these data. There was also discussed on the inter-regional exchange of data through SWIM services, when a single transport of information would be preferred instead of multiple requests for the same data.

The group appreciated the importance of the paper, although at this stage it rather raises questions instead of providing solutions. It was agreed the paper is mature enough to be presented at METG34. Michael will circulate it to the DMG members for final revision / suggestions.

Action DMG42-9-2: Michael to present the updated cover paper to METG34 (the CONOPS would be an attachment to that).

## **Agenda Item 6. Performance indices & Volume III – MET OPMET implementation**

### **IP05 – METG34 EUR ANP Vol III**

Natalia presented to the group the draft of the working paper that will be presented at METG34 on the EUR ANP Volume III – AMET B0 & B1, including the Appendix A (ASBU AMET B0) and Appendix B (ASBU AMET B1). The results coming from the DMG February 2024 OPMET monitoring need to be used to update the results of the performance indices.

When analysing the results, it was noted a slight drop just below the threshold for Algeria on the METAR and TAF availability. The results that are going to be presented at METG do not contain details for each State, but the raw data can be consulted on request.

Action DMG42-6-1: Wim will provide the details on the KPI for METAR and TAF availability to Algeria, in order to investigate on the possible cause.

Action DMG42-6-2: Wim will provide the updated KPIs for AMET B0

Action DMG42-6-3: Michael will provide the updated KPIs for AMET B1.

When presenting the results on the timeliness, Wim informed that there are cases when States issue the TAF exactly one hour before the beginning of validity. In some cases, this may lead to drop outside of the accepted interval and as such the performance indices to drop below the threshold. Because of an uncertainty of a few seconds of the clock-time of the monitoring tool used for the Feb 2024 monitoring, it was decided to allow 1 minute tolerance at the reception of the messages. It was agreed that the results

be obtained from the new KPI calculation tool, but using such a 1 min tolerance. This tolerance will only be applied for the 2024 monitoring.

### **WP13 – METG34 Special AIREP Monitoring**

Natalia presented to the group the draft paper that is going to be presented at METG34 on the availability of Special AIREP messages in Europe. The results were based on the monitoring performed at ROC Toulouse between 25 October 2023 – 25 March 2024. When analysing the results, there were noted suspect cases of dropping-off the monitored number of messages. For example, for Portugal there is no message recorded, in comparison with previous year when a significant number was recorded. As a quick check by other centres showed that Special AIREP messages from Portugal were circulated during the monitoring period, that was most probably a monitoring problem. As such, it was agreed that the results from Portugal will not be included in the reported indices.

With regard to data from Algeria, the missing data will be analysed by the Algerian DMG members.

Action DMG42-6-4: Sid Ali and Walid will check the availability of the Special AIREPs and provide the corresponding headers to Natalia. If needed, a METNO shall be issued.

## **Agenda Item 11 – Preparation of METG34**

### **WP10 – METG34 preparation**

Wim presented a proposed list of WPs to be prepared for METG34. Agreement was reached on the following list:

<b>METG/34 A.I.</b>	<b>WP/IP</b>	<b>Provided by</b>
<b>3.3</b>	DMG Report WP/06	DMG (Chair)
<b>3.3</b>	IWXXM Implementation and Statistics WP/07	DMG (Austria)
<b>3.3</b>	Update to EUR Doc 018 WP/08	DMG (Austria)
<b>3.3</b>	Special Air-Report practices in the EUR region WP/11	DMG (Austria)
<b>3.3</b>	Special Air-Report monitoring WP/12	Secretariat
<b>3.3</b>	TBD: Transition from AFS OPMET distribution to SWIM WP/13	DMG (Austria)
<b>3.3</b>	SADIS behaviour when providing IWXXM-OPMET WP/09	DMG (Austria)
<b>4</b>	EUR ANP Volume III – AMET B0 & B1 WP/10	Secretariat

Regarding the DMG report for METG34, and the work program for next year, a first draft was proposed, indicating which DMG members should provide input for which sections.

Action DMG42-11-1: DMG members to provide input for the DMG Report for METG34, for those sections they are responsible for.

### **Agenda Item 12 – Next meetings**

#### **Next meetings:**

DMG43: 5<sup>th</sup> – 7<sup>th</sup> November 2024 (virtual)

DMG44: 18<sup>th</sup> – 20<sup>th</sup> March 2025 (Paris, ICAO)

DMG45: 11<sup>th</sup> – 13<sup>th</sup> June 2025 (Toulouse, Meteo France)

**List of actions resulted after DMG42 meeting**

<b>Id</b>	<b>Action</b>	<b>Responsible</b>	<b>Target date</b>	<b>Resolution / Comments</b>
	<b>DMG37</b>			
DMG37-7-2	Address to a higher-level the issue regarding SIGMETs issuance and dissemination for the 4 FIRs of Turkmenistan	ICAO		Remains open – official visit of representatives from Turkmenistan to ICAO EUR/NAT announced for October 2024 - the problem could be addressed there. Updates for DMG43
	<b>DMG40</b>			
DMG40-3-3	Try to establish a teleconference with SAM Office and Jun to obtain contact persons in the SAM region for setting up the IWXXM exchange.	N. Gelovani M. Wagner	Nov-Dec 2024	
	<b>DMG41</b>			
DMG41-5-1	Check the monitoring results and investigate on the problems recorded for AFI Region data.  Michael and Matt will support with providing the results of a one-day monitoring, for comparison and identifying the problems. The exact date will be agreed by the three participants	Benjamin		
DMG41-12-1	Provide results of faulty SIGMETs to IROGs London and Toulouse to address those through their counterparts in the respective regions	M. Pichler M. Wagner B. Revel	DMG42	
	<b>DMG42</b>			
DMG42-4-1	Check for the METAR/TAF data in IWXXM from CAR States under the French authority.	Benjamin	DMG43	

DMG42-4-2	Prepare the WP on IWXXM statistics for presentation to METG34	Michael	METG34	
DMG42-4-3	Prepare the WP on SADI behaviour for IWXXM for presentation to METG34	Michael	METG34	
DMG42-5-1	Investigate the updated warning monitoring results and take the appropriate actions	ROCs	DMG43	
DMG42-5-2	The DMG report to METG should include information that States to update the warning monitoring focal point, where needed	Wim/Michael	METG34	
DMG42-5-3	Contact Kyrgyzstan for confirmation on the ARS headers used. If necessary, METNO + update of the EUR ARS headers list	Russian Federation	DMG43	
DMG42-5-4	Verify the tickets against the latest monitoring results to see whether the problems are solved or additional action need to be taken	Problem handlers	DMG43	
DMG42-5-5	Tickets having status “Closed” to be put in “Final closed”	Problem handlers	DMG43	
DMG42-5-6	Provide access to the ticketing application (credentials) for the Algerian representative(s)	Wim	DMG43	
DMG42-5-7	Include in the DMG report for METG34 a brief description of the process for deriving the catalogue published by DMG	Wim	METG34	
DMG42-7-1	check with POC from Dakar and Pretoria if they use SADIS for receiving data from other regions	Benjamin	DMG43	
DMG42-7-2	Check whether NAM sends data to AFI, and whether Dakar or Pretoria (or both) send AFI data to Washington	Benjamin Matt	DMG43	
DMG42-9-1	Review par. 3.3 AFS Addressing of App. E to Doc. 018 with respect to what is useful for both DMG members and the users	DMG	METG34	



DMG42-9-2	Present CONOPS AFS2SWIM to METG34	Michael	METG34	
DMG42-6-1	Provide the details on the KPI for METAR and TAF availability to Algeria, in order to investigate on the possible cause	Wim Sid Ali Walid	DMG43	
DMG42-6-2	Provide the updated KPIs for AMET B0	Wim	METG34	
DMG42-6-3	Provide the updated KPIs for AMET B1	Michael	METG34	
DMG42-6-4	Check the availability of the Special AIREPs and provide the corresponding headers to Natalia. If needed, a METNO shall be issued	Sid Ali Walid	DMG43	
DMG42-11-1	DMG members to provide input for the DMG Report for METG34, for those sections they are responsible for.	DMG	August 2024	