DMG38 Notes

21-22.03.2023

The DMG38 was held from 21st to 22nd March 2023. The meeting was attended by the following members:

Mr. Mohamed Mezred	Algeria
Mr. Michael Pichler	Austria (vice-Chairman)
Mr. Herman Swinnen	Belgium
Mr. Wim Demol	Belgium (Chairman)
Mr. Dirk Zinkhan	Germany
Mr. Laurentiu Brojboiu	Romania (Secretary)
Mr. Gamayak Vareldzian	Russian Federation
Mr. Sergey Grabko	Russian Federation
Mrs. Olga Petrova	Russian Federation
Mrs. Elena Averyanova	Russian Federation
Mrs. María Mercedes Abelenda	Spain
Mr. Diego Cubero Jiménez	Spain
Mr. Matthew Wagner	United Kingdom & SADIS
Mr. Christopher Keohan	ICAO Paris
Per Erland Andersen	SESAR Deployment Manager

The meeting started on Tuesday 21st March 10:00 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 37 report & Actions from previous meetings

Draft Report DMG37 actions list

Status of the actions resulting from DMG/37 (DMG Sec)

3. Information from other groups

ICAO

EUR

From Parent groups: EASPG, PCG, METG

From other groups: AST TF, AST TF/PG, VOLCEX, VOLKAM, PT/EAST

Global Groups: WG-MIE, WG-MOG/SADIS, IMP, METP

IP01 - MIE update (Matt)

IP02 - WMO WIS2 (Michael)

WMO, TT AvData

WP11 - Update on the latest IWXXM developments (Dirk)

EASA & EU

4. IWXXM action plan

Consider development of implementation table based on information from METNO.

IWXXM Actions and coordination

- participate in the development of a regional implementation plan which may include regional/interregional workshop(s)

Status of IWXXM implementation in the EUR region

- Status of translation center agreements for IWXXM
- IWXXM I/R coordination

WP07 IWXXM-AMHS Implementation (Michael)

5. OPMET Data Monitoring results, action plans & PHP

Monitoring of OPMET data,

WP08 OPMET Monitoring Results - February2023 (Herman)

WP05 EUR warning monitoring (Michael)

WP06 APAC SIGMET monitoring (Michael)

PHP actions or action plans for AOP aerodrome OPMET data

Systematically wrong formatted/coded OPMET data

WP03: PHP (Matt)

TC SIGMET

SWXA

IWXXM monitoring

PHP: IWXXM errors categories in PHP

Maintain and update a Database for agreed exchanged non AOP airports OPMET data

6. Performance indices & Volume III – MET OPMET implementation

Implement Performance Indices for including availability and timeliness of OPMET data for AOP aerodromes and FIR/UIR on AFTN/AMHS and SADIS as per eANP Vol III;

WP02 - EUR ANP VOL III (Chris)

WP09 ICAO OPMET Performance Indices 2023

State Performance monitoring leading possibly to a deficiency

Assist MET Service providers in the EUR region, by implementing the appropriate tools to present indices about timeliness and availability

7. RODEX

ROC Moscow implementation

Remaining actions of ROC Moscow and its Area of Responsibility.

ROC Back-up procedures/ contingency arrangements

IP03 ROC Moscow Backup (RF)

New back-up schema: schedule, testing, remaining actions

Coordination with other regions

AMHS I/R Gateways and links

RODC

8. EUR Documents (outside IWXXM elements)

DOC 014 EUR SIGMET & AIRMET Guide

DOC 018 EUR OPMET data Management Handbook

DOC 033 (Guidelines on IWXXM transition in the EUR region)

WP10 - First draft on update EUR Doc18 (Michael)

WP04 – Advisory routing (update proposal EUR Doc19, Chris/Michael)

9. SWIM

Follow SWIM developments from WG/MIE and other relevant groups and assist in deriving an implementation plan in the EUR region for SWIM

EUR SWIM Plan

- ROC plans
- RODBs plans
-SWIM services for EUR RODBs
-DMG name change/purpose (e.g. EUR MIE)

10. Next meetings

DMG39: 13-15 June 2023 (Madrid).

DMG40: 17-19 October 2023 (on-line)

11. Any Other Business

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

Actions from previous meetings

(actions highlighted are considered completed)

Id	Action	Responsible	Target date	Resolution / Comments
	DMG33			
DMG-33-5-4	Work on establishing the principles and format for deriving the Catalogue	H. Swinnen M. Wagner (P. Simon)	DMG34	Action can be closed. Matt continue to regularly producing the catalogue on the basis of the monitoring results.
	DMG36			
DMG36-6-3	Provide to the monitoring centres a sample of the monitoring results file that is considered to fully conform to specifications and ensure a smooth processing by the DMG FP	H.Swinnen	DMG39	A sample with mock-up data (heading + couple of records) will be provided for the next monitoring.
DMG36-6-5	Provide the required additional information / specific details related to the monitoring tool used by filling-in the provided form in attach to WP06 of DMG36.	Monitoring Centres (ROCs)	DMG37	Feed-back was received, the action can be closed.

				If necessary, new questions will be addressed directly to the monitoring centres.
DMG36-8-4	Update the presented status of AFS implementation for OPMET data exchange (table in RODEX back-up procedure)	ROCs	DMG37	Action closed. Table not anymore in the procedure.
DMG36-8-7	Investigate on possible benefits for METNO workflow integration into RODC	H. Swinnen M. Mezred ~~V. Dupont~~		Discussed during DMG38
	DMG37			
DMG37-3-1 DMG37-8-1	Include in EUR Doc 018 the relevant elements from EUR Doc 033 Circulate to the DMG members the draft version of Doc 18 updated with information from Doc033, for comments/suggestions, with the intention to have the consolidated draft ready for presentation at DMG38	M. Pichler	DMG38	EUR Doc 033 partially included. DMG38 WP10
DMG37-3-2 DMG37-7-1	Proposal for the update of EUR Doc 019 and NAT Doc 006 with respect to the routing of VAA	Chris Matt Valentin	DMG38	DMG38 WP4
DMG37-4-1	Check with contacts in MID region regarding getting information from AFI and SAM	Michael		Contacted, no response yet.

DMG37-4-2	Investigate with AFI region regarding the exchange of data with NACC	Valentin	DMG38	
DMG37-4-3	Investigate on APAC usage of schema version and namespaces declaration	Dirk	DMG38	Currently, schema definition and namespaces reference is under discussion at TT/AvData. Dirk will update the group at DMG39
DMG37-4-4	Check what data is available in the received bulletins from APAC and will propose the corresponding METNO announcements	Matt	DMG38	Completed
DMG37-5-1	Investigate the situation with requests from EIAAYBYY and EIAAYBYW	Matt	DMG38	Routing changes applied, regular distribution should now be in place – tbc.
DMG37-5-2	Provide to ICAO (CK) the SIGMET and Special AIREP headers monitored in 2023	~~Valentin~~ Michael	DMG39	A four-month period of SIGMET monitoring can be accepted. MP will investigate whether old data can be used (LB offered support).
DMG37-5-3	Provide the APAC SIGMET-monitoring results to Michael Pichler, who will present a report to DMG	4 ROCs RODB Brussels LROM	DMG38	Completed. DMG38 WP06.
DMG37-5-4	Update the routing tables according to the new SIGMET headers registered for the APAC Region	Matt	DMG38	Completed
DMG37-7-2	Address to a higher-level the issue regarding SIGMETs issuance and dissemination for the 4 FIRs of Turkmenistan	C. Keohan		Stays open. Will be discussed also in WP2

DMG37-7-3	Provide updates on the possible progress related the AFS communication links with States in their AoR	ROC Moscow	DMG38	Partially covered by DMG38 WP7. New updates during the next meetings.
DMG37-7-4	Check with states in ROC Moscow AoR what the possibilities are for providing backup to a NOC	ROC Vienna ROC Moscow	DMG38	Discussed during DMG38 WP7. Not really possible as most of the States do not have AFS links. It can be removed.
DMG37-7-5	Participate to the AFI Region SIGMET monitoring and provide the results to Valentin, who will inform DMG38	4 ROCs	DMG38	Closed – no action. MP provided the results to Valentin.
DMG37-7-6	Define high-level user stories (use cases) for RODC	Herman	DMG38	Kept open.

Agenda Item 3. Information from other groups

C. Keohan provided a quick briefing of the EASPG progress. Updated versions of EUR Sigmet Guide (Doc 014) and OPMET Handbook (Doc 018) had been published on the ICAO website in December 2022. State letters had been distributed in January 2023 to inform about the WAFS data changes (high-resolution, hazard data, SigWx in IWXXM) and to collect information about IWXXM implementation – high response, results are presented in WP07.

Wim Demol brought up the proposal of the new ANNEX 3 and PANS MET Doc 10156. There was, after the first received draft, an addition sent by ICAO which suggests the inclusion of SWIM-services. This came to all as a surprise, as it had not been discussed/announced before. In principle it should pose no problem, as it only allows or better enables states to define and advertise such new services.VOLCEX22 – November 2022, debriefing meeting in Paris (Jan 2023), lead by Spain. Problems with publishing the VA Concentration charts on VAAC Toulouse website. Safety-risk assessment policy applied as there were no closures of flight space. Dynamic airborne re-route procedure was used. Some airlines interpreted SIGMET with the usage of "EXER" as real SIGMET. SIGMET was not displayed on skyvector when the ''entire FIR'' was used, but did display SIGMET when represented by a polygon .

VOLCEX23 – Exercise with an eruption in Iceland on 21 November 2023. Preparatory meeting in October.

Quantitative Volcanic Ash – new service to be introduced by the end of 2024 or 2025 (recommendation in Annex 3, and becoming standard in 2026-2027).

AST/TF – meeting had taken place during the previous weeks – no update available.

IP01: WG-MIE

With France withdrawing of V. Dupont from WG-MIE, participation to the group reduces now to only 2 DMG members – M. Wagner and Z. Dinkhan. France informed that there will be a replacement for Valentin. Matt presented to the group updates to the previous paper related to the outcomes of the latest MIE meeting. There were briefly presented the workstreams and activities, while the "Topics of interest" were presented in more detail. The MIE/10 meeting will be held face-to-face in ICAO Bangkok Office (15-18 May 2023). Matt presented the agenda of that meeting, highlighting the activities where the DMG members are leaders. A workshop on MET SWIM Architecture, lead by M. Wagner, is also planned during the meeting.

Additional discussions took place within the MIE group with respect to the period needed to implement even a small change in the aviation environment – Matt described the general process that would take approximately 12 months until the final implementation.

IP02: WIS-2

M. Pichler presented to the group details of a recent workshop, organized and hosted by DWD (German Weatherservice) in February. The workshop aimed to present the WMO Information System (WIS)-2.0, its evolution since 2006, goals, principles and the current stage of implementation. There was also mentioned the software solution WIS2 Box developed by WMO to facilitate the implementation in States having limited or no resources available. There

was detailed the planned timescale for implementation of the project, with the main phases being the Pilot phase (current year), Pre-operational (2024), Transition (2025) and aiming to have in 2030 more than 90% of States migrated to WIS-2. There was detailed the general concept behind the exchange of meteorological data, based on publish – subscribe mechanism. The main actors taking part in this concept were described (global centres, WIS nodes) as well as the specific services provided by those. Of particular interest was the presence of aviation data in WIS.

Although there are many similarities between the WIS-2 and SWIM, there were also pointed some aspects that differentiates both projects. It was highlighted that the two exchange mechanisms will exist independently in the future. At MIE, a particular activity for the current year is that a task team of WMO and ICAO specialists work to evaluate and explore possible options for interoperability.

WP11 - WMO IWXXM activities

Dirk Zinkhan informed the group about the latest activities of the WMO Task-Team Aviation Data (TT-AvData). As several members had left the team during the last years, there was registered a lack of resources and WMO sent a letter to permanent representatives encouraging to nominate members of this team – a good response, 7 new members were selected and will join the team.

Due to some errors identified during the use of IWXXM 2021-2, there was released in January the version 2023-1 RC1 which is now open for comments. The changes address mainly the SIGMET package, the AIRMET package and the WAFS SigWx Forecast.

A new WMO community page related to IWXXM had been made available on WMO website at https://community.wmo.int/en/activity-areas/wis/iwxxm. It will host the IWXXM Version / Packages compatibility table and it will constitute the authoritative source to be used for reference.

As for the changes arising from Amd 81 to Annex 3, there were identified necessary changes to the template of VAA and the development of IWXXM representation of QVA and VONA.

Currently, there is ongoing the revision of the structure and location of the XSDs. In this regard, Per Erland Andersen asked whether these changes and their timeframe could have somehow an impact on the SWIM implementation. Dirk pointed that there will not be changes to the IWXXM schema itself, but rather a restructuring of the references to the schema and as such will not have an impact.

Regarding the new schema for observational data, it was noted that a slow progress is recorded, and something mature would be ready probably in one year time. Currently, the priorities of the TT-AvData are related to responding to necessary changes in response to Annex 3 amendment and PANS-MET.

EASA

Wim informed that EASA decided to establish a permanent MET Task Team and EUMETNET AVIMET was approached in that respect. During the next AVAC / AVIMET meetings it is expected to discuss the terms of reference of such a team.

Agenda Item 4 IWXXM Action Plan

WP07 – IWXXM-AMHS Implementation Status

M. Pichler presented the current status of implementing IWXXM. Updates received from States were included in EUR eANP vol. III and also published on the DMG website. For the questions related to the availability of extended AMHS with FTBP at COM centre, at NOC, and the production of data in IWXXM, the results were presented in comparison with the previous years. In general, a constant improvement is observed, including a slight decrease of the number of translation agreements. For questions regarding details of IWXXM implementation (if produced at source, extensions used or reception of IWXXM), there were presented only the results for this year.

Further, there was presented the current status of translation agreements. Cases where no information was available regarding the extension of the existing agreement were marked as "To investigate". Mohamed informed the group that Algeria already signed the extension of the agreement with ROC Toulouse (valid to 7 October 2023).

Action DMG38-4-1: M. Pichler will contact the NOCs in the AoR of ROC Vienna in order to obtain updated information regarding the translation agreements.

M. Wagner, O. Petrova and M. Pichler provided updates related to the status of implementation of IWXXM or translation agreements of the NOCs in the AoR of ROC London, ROC Moscow and respectively ROC Vienna. From ROC Toulouse there were no updates available.

Based on this updated information, at DMG39 will be discussed if the States that do not yet provide IWXXM data should be proposed at METG/33 to be included in the deficiency list. There was noted, though, that it may not be the case, as there is no real usage of IWXXM data at this time. On the other hand, it might be a trigger for some States to get active.

With regard to the exchange of IWXXM data with the other regions, it was noted that ROC Vienna already receives data from ROC Jeddah, in test mode. When these tests are completed successfully, the new data will be announced via METNO. ROC London exchanges regularly IWXXM data with IROG Singapore from January this year. Updates were also presented with the possibility to start the exchange of data with NAM/CAR and SAM regions.

WP05: EUR DMG Warning Monitoring

M. Pichler presented an overview of the yearly EUR DMG Warning Monitoring that had taken place on 1-2 Feb 2023. This year it started to be applied the simplified procedure for warning monitoring and the results were provided only by the ROCs, the RODB Brussels and NOC Bucharest (SADIS). The TCACs Tokyo and Miami and all the SWXCs were contacted and participated to the test, sending the corresponding test messages.

It was mentioned that, although the compliance of the results with the required format had improved comparing to previous years, there was still needed some manual intervention. Hopefully, things will improve as some of the inconsistencies will be clarified in the new version of Doc 018.

The results had already been published on the DMG website. M. Pichler presented the new way of displaying the results and showed examples on possible routing problems and the actions required from the responsible ROCs in such cases. It was also decided to bring to the attention of METG, that about 70% of the States participate in the Warning Monitoring exercises.

Action DMG38-4-2: The 4 ROCs will investigate in the Warning monitoring results on possible routing problems and take the appropriate actions.

Laurentiu informed that a small deficiency was spotted in the monitoring software used by NOC Bucharest and that the minor updates to the monitoring results will be provided in short time to ROC Vienna.

WP06: APAC SIGMET- Monitoring

M. Pichler informed the DMG members about the outcome of the yearly APAC SIGMET-monitoring that took place in November 2022. The received monitoring results were summarized in workbooks for the different types. The "Remarks" field contains information on the bulletins not received by all centres. Duplication was reported by Matt for some bulletins - received both from Singapore and from Vienna. That needs to be investigated.

Action DMG38-4-3: M. Wagner will check the results of the APAC Sigmet monitoring and take actions to correct the routing if necessary.

Agenda Item 4 OPMET Monitoring Results & Action Plans

WP08: OPMET Monitoring Results

H. Swinnen presented to the group details and the results of the yearly OPMET monitoring in February this year. Firstly, there were presented clarifications related to the terminology used (distributed / received / available) and the correspondence mapping.

Results were received from all monitoring centres. No monitoring was performed for WIFS.

The DMG Monitoring FP presented the work-packages that were derived from these results, each of those intending to address a specific objective of DMG. There was mentioned that all participants reached a good degree of compliance to the format.

The members discussed on the work packages considered to have the biggest impact on the data routing. The first discussion was on the METNO Action package - it was raised the question whether the EUR ROCs should issue METNOs for non-EUR data. Some of the bulletins may change quite often, without any notification, as METNO is not implemented globally. Implementation of a global METNO procedure is intended, but there is still work to be done (MIE level).

The group discussed then one of the most used packages - TT eANP Required-not-received. M. Wagner explained the way he makes use of it - PHP tickets are raised for missing data, even for the other regions. Another package of high importance was the one highlighting differences recorded between different centres.

Action DMG38-5-1: MP, MW, WD and HS will cooperate to prioritise the work packages with the intent to classify into "essential" and "good-to-have".

WP03: PHP

M. Wagner presented to the group an inventory of the PHP tickets, including their status and the related actions. Regarding the ticket for US bulletins containing EUR data – that was put in status "closed" in order to be discussed at DMG. The current situation is that ROC London stopped the distribution of these bulletins on SADIS, as these are signalled causing issues and there is no further action expected from US. The ticket will go to "final closed".

Agenda Item 6 Performance Indices

WP09: ICAO OPMET Performance Indices 2023

H. Swinnen presented to the group the performance indices calculated for all regions (AOP and non-AOP) based on February 2023 monitoring results at AFS Brussels. The Attachment 4 included the overall results. From that workbook, the first two sheets (ICAO OPMET Full Availability 23 & ICAO OPMET Full Timeliness 23) are the ones to be used for the PI to be included in vol. III. It was noted the good performance of EUR region in comparison with the others.

The other workbooks (Att 1-3) are presented for detailing steps of the process. It was mentioned that, by request, detailed reports can be produced for the states interested.

WP02: EUR ANP VOL III

In the introduction, C. Keohan summarized the content and the level of approval for each of the 3 volumes of the EUR eANP. The updates to the vol. III were based on the Feb 2023 DMG monitoring results (WP09 Att 4). The measure of implementation has generally stabilized, the overall AMET B0 implementation remained at 93%. To complete the results, there is still need to check the SIGMET availability and format monitoring. That was previously based on a 5-

month monitoring performed by ROC Toulouse, but these are not available anymore. M. Pichler will try to obtain the necessary information for the monitoring by starting the monitoring tool as from 1st April, meanwhile he will investigate whether historical data may be used. The important information to be captured is the header and the FIR name. For the Special AIREPs, the number of messages is important as well. A period of 4 month for SIGMET and 5 month for AIREP would do. The intention is to have something for discussion at next DMG, in order to be presented to METG.

Action DMG38-6-1: M. Pichler will support with providing SIGMET monitoring for 4-5 month period to C. Keohan.

The SIGMET monitoring will assist in updating the status of issues identified last year. The same with issues related to SIGMETs from Turkmenistan (FIRs not listed in eANP, Volume II, Table MET II-1).

Then the DMG was presented the update of the EUR ANP Volume III pertaining to ASBU thread elements AMET B1 (the status of implementation of IWXXM).

Algeria informed that work is in progress for providing IWXXM-data internationally. Meteo Algerie is ready to send the data via AMHS but at the moment the COM-Centre Algier is not supporting AMHS.

Agenda Item 7 RODEX

IP03: ROC Moscow Backup

Russian Federation presented to the group the current status of implementing the back-up MET Switch for ROC Moscow. That is located in Novosibirsk, in the West-Siberian branch of Aviamettelecom of Roshydromet. It aims to provide all the functions applicable to MET-Switch Moscow. Currently, it operates equipment and software adjusted for data collection and distribution, bulletin generation and data conversion into IWXXM. The backup MET-Switch is now connected to the hub available in the West-Siberian Air Navigation branch of the ATM State Corporation to use AMHS (COM-Switch) and the communication link has already been tested. Work is in progress to ensure the compatibility of the interfaces to AMHS, local tests are planned for Q2 of 2023.

Further, there were presented the proposed AFTN addresses to be used for the exchange of data with the other 3 ROCs. Different addresses were proposed for the exchange of TAC and IWXXM data. Two options would be available for distributing data to the back-up MET Switch Novosibirsk: by implementing an HDL in COM-Switch Moscow to ensure distribution to both MET Switches Moscow and Novosibirsk; and secondly, by switching at the 3 ROCs (London, Toulouse, Vienna) the distribution address from the one of MET-Switch Moscow to that of MET-Switch Novosibirsk. New updates will be presented in a working paper and these options will also be discussed at the next DMG meeting.

Back-up Procedure

M. Pichler recalled to the group the decision to try and implement a testing procedure. An exercise of distributing NO messages was planned for the February monitoring but it was not carried-out. A short test needs to be planned – Michael will inform the monitoring centres about the distribution of these NO test messages in a specific day and ask for response whether those were received or not.

Action DMG38-7-1: M. Pichler, in coordination with the other 3 ROCs will organise an exercise on the distribution of NO test messages, before DMG39.

The 4 ROCs will work on the results of this back-up test and present a WP at DMG39.

Coordination with other regions

Concerns related to coordination with the AFI region, as there is currently no representation of ROC Toulouse at DMG level. That needs to be mentioned in the DMG report for METG (CK will support with appropriate wording) in order to seek advice from EASPG.

RODC

Regarding the migration of the DMG Focal Point applications to a new platform: H. Swinnen informed that the procedures are currently well established and documented and that work is in place for converting the current DMG Focal Point applications into a more versatile one, using an internet platform that would be available for any DMG member, providing read/write access, where required, to the database tables. That would permit deriving any catalogue. Also, the performance indices could be calculated using this platform. All functionalities that will be implemented need to be traceable. The platform would be ready for the first tests in two months.

Regarding the METNO procedure and the integration of this procedure in the RODC: following a discussion during the meeting, H. Swinnen and M. Mezred presented to the group a proposal for a new METNO procedure. That could be redesigned in such a way that a DMG webpage would allow the users to initiate updates to the current bulletins, by using a dedicated form. The user will not need to know anything about the syntax, just what bulletin he wants to update and the desired change to that (addition / removal of a report, etc). The validation needs to be done automatically and once the change is approved, it will be notified to the registered users in an automatic way. There will still be a need for a formal approval from DMG (not only for technical reasons). This implementation would firstly need to baseline the current METNOs (for instance, as for March 2023). In order to elaborate this proposal further, a face-to-face meeting was considered preferable. It would be realistic to arrange for such a meeting to be a half-day meeting just before or after the DMG meetings. A work-package for this issue could be raised and be included as a separate item into the agenda and the work programme of DMG. It could also help with justification of resource allocations.

Mohamed and Herman will come with a proposal of the form at DMG 39.

Action DMG38-7-2: H. Swinnen and M. Mezred will present at DMG 39 the details of the technical solution for a revised METNO procedure.

Based on those, a proposal will be presented at METG, and if approved the changes could be implemented in 2024. Until the final implementation, the current procedure will be applied.

Agenda item 8: EUR Documents

EUR Doc 019 VA

WP04: Advisory routing

C. Keohan recalled to the group the discussions at METG32 regarding the need to update the EUR Doc 019 - EUR/NAT VACP with respect to the routing of the VAAs. That task had been included into the DMG work program. ICAO, in coordination with France and UK (and the two VAACs) worked on an update of the document, which was presented in detail to the DMG members. The updates were meant to reflect that the necessary routing of VAAs, VA SIGMETs and ARS is ensured by routing in accordance to the RODEX schema, including the distribution to SADIS and WIFS via ROC London. Also, the examples used for the Eastern part of the EUR Region were updated to a more appropriate volcano for that Region, and including routing via ROC Moscow (included anywhere in the list of EUR ROCs). The updates to EUR Doc 019 were presented in detail to the group. The proposal will be forwarded to METG and then EASPG, with the intention to have the document updated by the end of the year. In general, the update process of this document is a bit more complex than for others (e.g. Doc 014), as it involves not only MET but also other disciplines (IATA, IFALPA, etc).

WP10: Update Proposal EUR Doc 018

M. Pichler presented to the group the proposed changes for the new iteration of Doc 018. He mentioned that changes introduced by the new ICAO Annex 3 (e.g. for definitions) are not covered yet and will be done for the next DMG. The current changes were mainly on the simplified warning monitoring procedure. Regarding the merging of Doc 033 into 018, that is started but there is more to do – first incorporate all the provisions of Doc 033 and then do a restructuring of the resulted document. Proposals from other METG members (Netherlands – functions AMO, AMF included in description; Italy – new TAF example for AMD before start of validity) are also on the way to be implemented. There definitions and terminology used is also going to be aligned to the proposed terminology in Matt's paper for MIE (IP01).

Action DMG38-8-1: Michael will distribute the revised document and the DMG members are asked to review the changed parts of the Doc 018 and provide feedback.

Agenda Item 9: SWIM

Open discussion with Eurocontrol and SESAR Deployment Manager representatives. SESAR DM relies on MET3SG to provide feasible common MET SWIM service definitions. SESAR DM invites as many DMG members as practicable to join the MET3SG discussions.

Agenda Item 12 Any other business

M. Pichler invited the group to think at the idea to have the Special AIREPs removed from the list of RODBs supported datatypes. Maybe in future this might be more useful as a SWIM service, although at the moment we do not have any IWXXM-schema for data.

Next meetings:

DMG39: 13-15 June 2023 (Madrid).

DMG40: 17-19 October 2023 (on-line)

DMG41: 18-22 March 2024

DMG38 LIST OF ACTIONS

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DMG37-4-1	Check with contacts in MID region regarding getting information from AFI and SAM	Michael		Contacted, no response yet.
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DMG37-7-2	Address to a higher-level the issue regarding SIGMETs issuance and dissemination for the 4 FIRs of Turkmenistan	C. Keohan		Stays open. Will be discussed also in WP2
DMG37-7-3	Provide updates on the possible progress related the AFS communication links with States in their AoR	ROC Moscow	DMG38	Partially covered by DMG38 WP7. New updates during the next meetings.
DMG37-7-6	Define high-level user stories (use cases) for RODC	Herman	DMG38	Kept open.
	DMG38			
DMG38-4-1	Contact NOCs in AoR of ROC Vienna for updated information regarding the translation agreements	Michael	DMG39	
DMG38-4-2	Investigate in the Warning monitoring results on possible routing problems and take the appropriate actions	4 ROCs	DMG39	
DMG38-4-3	Check the results of the APAC Sigmet monitoring and take actions to correct the routing if necessary	Matt	DMG39	
DMG38-5-1	Work to prioritise the work packages of DMG OPMET Monitoring	Michael Matt Wim Herman	DMG39	
DMG37-5-2 DMG38-6-1	Provide to ICAO (CK) the SIGMET and Special AIREP headers monitored in 2023	Michael	DMG39	A four-month period of SIGMET monitoring can be accepted. MP will investigate whether old data can be used (LB offered support).

DMG38-7-1	Exercise on the distribution of NO test messages for the back-up procedure	Michael + 4 ROCs	DMG39	
DMG38-7-2	Present a technical solution for a revised METNO procedure	Herman Mohamed	DMG39	
DMG38-8-1	Review the Doc 018 and provide feed-back	Michael + DMG members	DMG39	