

DMG35 Notes

15-17.03.2022

The DMG35 was held virtually from 15th to 17th March 2022. The meeting was attended by the following members:

Mr. Mohamed Mezred	Algeria
Mr. Michael Pichler	Austria
Mr. Herman Swinnen	Belgium
Mr. Wim Demol	Belgium (vice-Chairman)
Mr. Valentin Dupont	France
Mr. Dirk Zinkhan	Germany
Mr. Laurentiu Brojboiu	Romania (Secretary)
Mr.	Russian Federation
Mr. Vladimir Tsukanov	Russian Federation
Mr. Elena Averyanova	Russian Federation
Mr. Matthew Wagner	United Kingdom & SADIS
Mr. Christopher Keohan	ICAO Paris

The meeting started on Tuesday 15 March 10:00. The following agenda was presented for adoption:

1. Approval of the Agenda

[WP01 – Agenda \(Chair\)](#)

2. Approval of the DMG 34 report & Actions from previous meetings

Draft Report DMG34 & DMG34 actions list

[Status of the actions resulting from DMG/34 \(DMG Sec\)](#)

3. Election of a new chair for DMG/35 & DMG membership

DMG membership –

consider S EUR: Italy (for volcano activities), Spain (link to SAM Region)

consider: Germany (for WMO/TT AvData activities)

4. Information from other groups

ICAO

EUR:

From Parent groups: EASPG, COG, METG, (SWIM PT/under agenda 10)

[PPT 1 Progress on METG31 outcomes \(ICAO\)](#)

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

IP01: ICAO brief on VOLCEX21 Debrief, VOLCEX22 Planning and VOLCEX/SG/16 Meetings (2-3 Feb 2022, virtual) (Chris)

Global Groups

WG-MIE, WG-MOG/SADIS, IMP, METP

IP02: Outcomes of Met Panel and associated working groups' meetings (Chris)

WMO, TT AvData

WMO_TT-AvData_IWXXM-Status (Dirk)

EASA & EU

5. 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)

IP03: Region exchange of IWXXM

Status of IWXXM implementation in the EUR region

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

DOC 014 (EUR AIRMET and SIGMET Guide) & IWXXM

Support the METG ad-hoc group on EUR SIGMET and AIRMET guide on IWXXM related topics

DOC 018 (EUR OPMET Handbook) & IWXXM

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

6. OPMET Data Monitoring results, action plans & PHP

Monitoring of OPMET data

WP03: OPMET monitoring results February 2022 (Herman)

WP07: EUR DMG OPMET Monitoring (Michael)

WP08: APAC SIGMET Monitoring (Michael)

PHP actions or action plans for AOP aerodrome OPMET data

Systematically wrong formatted/coded OPMET data

TC SIGMET

SWXA

IWXXM monitoring

PHP: IWXXM errors categories in PHP

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

7. 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 – BO & B1 – AMET \(Chris\)](#)

[WP04 - ICAO_\(SA-FC-FT\)_PERFORMANCE_Indices_Mon_022022 \(Herman\)](#)

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

8. RODEX

ROC Moscow implementation

Remaining actions of ROC Moscow and its Area of Responsibility.

ROC Back-up procedures/ contingency arrangements

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

[WP10: RODEX Back-up procedure \(Michael\)](#)

Coordination with other regions

AMHS I/R Gateways and links

RODC

9. EUR Documents (outside IWXXM elements)

DOC 014 EUR SIGMET & AIRMET Guide

DOC 018 EUR OPMET data Management Handbook

[WP09: Proposals for new iteration of EUR Doc 018 \(Michael\)](#)

10. 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

[WP05: RODB SWIM services \(ODAG\)](#)

[IP04: MIE AFS to SWIM](#)

Note: DMG & SWIM (change DMG name / purpose) might be dealt in DMG 35 based on outcomes of EASPG/3 Dec 2021 – ToRs of Sub groups and framework of groups under Sub groups will be addressed.

11. Next meetings

DMG 36: June 2022 (virtual – OR - location to be decided)

DMG 37: October 2022 (virtual – OR - location to be decided)

12. Any Other Business

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

[WP06: DMG-FP OPMET Catalogue Applications – Status \(Herman\)](#)

Actions from previous meetings
(actions highlighted are considered completed)

Id	Action	Responsible	Target date	Resolution / Comments
	DMG31			
DMG31-6-1	Check the current status of their corresponding PHP tickets	All 4 ROCs	DMG35	P.Simon tickets will be re-assigned to V. Dupont
	DMG32			
DMG32-5-7	Check the warning headers (e.g. Turkey) in the database and, if necessary, ensure the headers are communicated via METNO	M. Pichler		
DMG32-5-10	Identify problems related to differences between WIFS & SADIS	P. Simon V. Dupont M. Wagner	DMG35	PS will perform a WIFS monitoring and provide the results to MW for investigation together with VD.
DMG32-5-12	WP related to revision of the VAA distribution policy (with intention to present to METG/31)	M. Pichler C. Keohan	DMG35	Draft paper discussed @DMG35 with intention to present that @METG32
	DMG33			
DMG33-5-1	Investigate whether missing data from their AoR is still missing and take the necessary actions.	ROC Moscow ROC Toulouse	DMG35	Based on the missing data listed in Att to DMG33 WP09.

		ROC Vienna		
DMG-33-5-4	Work on establishing the principles and format for deriving the Catalogue	H. Swinnen M. Wagner (P. Simon)	DMG34	First draft. Intention to have it ready at DMG35.
DMG34				
DMG34-2-1	Present an updated paper on the RODEX Back-up Procedure and planned testing the procedure	M. Pichler	DMG35	
DMG34-2-2	Present a new paper with an updated overview of the IWXXM implementation	CK MP	DMG35	
DMG34-2-3	Participate to APAC monitoring	4 ROCs	Dec. 2021	Provisional dates: 8 th , 15 th and 22 nd Dec.
DMG34-4-1	Provide clean version of EUR Doc 018 for posting on the ICAO Paris website	M. Pichler	10 th Nov 2021	
DMG34-4-2	Post an updated version of the TAC to IWXXM translation agreements	C. Keohan	mid-Nov 2021	
DMG34-4-3	Monitor from time to time expected receipt of tropical cyclone advisory information at ROC London.	C. Keohan M. Wagner	to Dec 2021 and fm Jun 2022	Chris will monitor the Miami Hurricane Centre website to see if there a cyclones approaching FIRs in the EUR/NAT Regions and inform Matt to check for expected TCAs

DMG34-4-4	Scan EUR Doc 018 for terminology “provide, issue, supply, disseminate “ and, where necessary, bring it in line with ICAO Annex 3	M. Pichler	DMG35	
DMG34-4-5	Check what is in Annex 3 related to example of TAF CNL and make a proposal for updating Doc018	W. Demol M. Pichler	DMG35	
DMG34-4-6	Present a WP with a proposal to align EUR Doc 018 to the text in EUR ANP and Annex 3 with regard to SPECI	W. Demol	DMG35	
DMG34-5-1	WP with Plan on the implementation of new headers by Russian Federation	Russian Fed C. Keohan H. Swinnen M. Pichler	DMG35	
DMG34-5-2	Consultation with MIE experts and investigate on a possible implementation of a SWIM service linked to METNO	M. Wagner		
DMG34-6-1	Check the Work Package (OPMET missing at EBBR) and ensure the proper routing is in place for all AOP aerodromes	4 ROCs	end of January	Based on DMG34 WP03 App.
DMG34-6-2	Transfer all PHP tickets with P. Simon as Problem Handler to V. Dupont.	H. Swinnen		
DMG34-8-1	Check that routing is in place for the presented (legacy) OPMET headers and confirm back to ROC London	ROC Toulouse ROC Vienna	end of November	

DMG34-8-2	Provide the availability dates for testing the data exchange with ROC Moscow and also the corresponding headers	4 ROCs		
DMG34-8-3	Provide the routing tables to M. Mezred in order to include those into RODC	ROC Moscow ROC Toulouse	DMG36	
DMG34-8-4	Perform extensive testing of the RODC functionalities and provide feed-back to M. Mezred.	M. Pichler V. Dupont W. Demol	end of December	WP to be presented by M. Mezred at DMG35
DMG34-10-1	Arrange for an on-line demonstration of MET SWIM services provided by Météo France	V. Dupont	DMG36	
DMG34-10-2	Provide an IP with regard to RODB Toulouse status	V. Dupont	DMG36	

Agenda Item 4. Information from other groups

Dirk Zinkhan offered to the group a presentation of the *IWXXM Status and Plans* as resulted from the WMO TT-AvData activities.

- The IWXXM development will be aligned with ICAO Annex 3 update process
- A new version naming is in place. Compatibility table available (link provided)
- Quantitative Volcanic Ash (QVA) - 1st XML-only product
- New initiative on a more flexible Aerodrome Observation schema, allowing the inclusion of additional information like, where available, runway temperature. In general the plan is to move away from the legacy terminology METAR, TAF,... . These new schemes will eventually replace the METAR and TAF schemes that are +/- frozen.

Regarding possible suggestions for the schema development, D.Z. recommended the e-mail as primary way of communication, or github. D.Z. could act as a link between DMG & TT-AvData.

Agenda Item 3. Election of a new chair for DMG/35 & DMG membership

The election of the new chair and vice-chair was agreed to be addressed towards the end of the meeting, in order to give time to DMG members to decide and obtain permissions from their organisations.

Dirk Zinkhan confirmed his willingness to become a full member of the DMG. This will be possible from DMG/37 onwards.

With regard to the co-optation of new members, there were discussed possible benefits from the participation of Italy or Spain. There was agreed the following action:

Action DMG35-3-1: V.D., C.K. and W.D. will contact Spain in order to obtain information regarding the link with SAM Region and regarding their availability for participating to the DMG activities (either as a permanent member or on occasional basis).

Agenda Item 4. (re).

C.K. presented to the group the *Progress on METG31 - outcomes*, covering among others:

- WAFS upgrades (planned November 2023)
- SIGMET ad-hoc group (updates to EUR SIGMET Guide)
- Implementation of TC SIGMETs
- ROC Moscow creation
- Update of the Deficiencies list

It was pointed out that Turkmenistan signed a translation agreement with ROC Moscow, and that the translation service is in place.

With regard to the input required from DMG for the SIGMET ad-hoc group, it was agreed that C.K. will coordinate with both groups.

The objective to have a METNO procedure harmonised at global level, it was agreed that this issue should be presented to WG MIE (M.W.).

IPO1 - Volcex Exercise

C.K. presented the results of Volcex-21 and the preparations for Volcex-22.

At Volcex-21 two main achievements were observed:

- there was no closed airspace by any of the participating States - acceptance of Safety Risk Assessment approach provided by operators
- successful use of the Dynamic Airborne Reroute Procedure (DARP)

For VOLCEX22 it was agreed to the use of DARP concept, emphasizing that the safest and most expeditious means of responding to an unexpected eruption will be the use of CPDLC route clearance uplinks. The practice of DARP in VOLCEX22 (planned Nov 2022) should involve several ANSPs to test downstream rerouting, and also more airline operators.

The meeting discussed the issuance of Special Air Reports during the volcanic ash exercises. There was noted the need that the available UA bulletins be routed to the Network Manager. M.W. confirmed that the appropriate routing is easily configurable in ROC London and will coordinate with C.K. on this matter prior to the next exercises.

IPO2: Outcomes of Met Panel and associated working groups' meetings

C.K. presented to the group an extensive description of the METP/5 meeting outcomes, related to WG-MRI, WG-MISD, WG-MIE, WG-MOG and WG-MCRGG.

Regarding WG-MRI: this group has been replaced by a new group WG-MRAD, of which Rosalind Lapsley from Eurocontrol is Chair. This group is responsible for restructuring Annex3.

EASA

W.D. informed that updated AMCs + GMs to 2017/373 have just been published by EASA. It included for the first time references to EUR Doc 018.

Agenda Item 9 EUR Documents

WP09: Proposals for new iteration of EUR Doc 018

M. P. presented the paper that summarized the proposed changes for the new iteration of Doc 018, with respect to:

- terminology “provide, issue, supply, disseminate”
- TAF cancellation provisions
- SPECI messages
- IWXXM monitoring

It was mentioned that the format of the validity for a cancelled TAF has no impact on safety. There was agreed that M.P. will update the paper with more examples/explanations regarding TAF cancellation and present that to DMG36, with the intention that the consolidated updates to Doc 018 be presented at METG32 for approval.

Action DMG35-9-1: DMG members will scan the proposal for new iteration of Doc 018 and provide comments / updates to M.P.

Action DMG35-9-2: M. P. will consolidate the update proposal to Doc 018 and present a WP to DMG36.

For SPECI messages, no change in wording was proposed for Doc 018.

Ag. Item 6 OPMET Data Monitoring results, action plans & PHP

IWXXM Monitoring

M.P. recalled to the group that the requirements to the IWXXM monitoring tool are included in Appendix D of the Handbook, and was being under construction. There was discussed what information could be gathered for the IWXXM monitoring (apart from the fields that are already captured for TAC data). The four monitoring centres should decide first what data is useful, to define the minimum requirements that are needed for regular DMG work (related to routing, statistics), and also optional fields. Also the requirements in regard to the Eur EANP, Volume III should be taken into consideration.

Action DMG35-6-1: A small working group consisting of the 4 monitoring centres (lead by M. Pichler) will work on defining the IWXXM monitoring requirements and present the results to DMG36.

Based on that, testing should be performed in 2023 and the first IWXXM monitoring results will be presented to METG in 2024.

There was further mentioned the problems related to IWXXM data validation. Currently, a lot of data was identified by centres as not being compliant to IWXXM schema and schematron.

Action DMG35-6-2: W.D. and M.P. will prepare a WP for METG, or include a section in the DMG Report to METG, to inform on typical error coding that are encountered with IWXXM data, highlighting the need that the producer (or translator) should ensure the correctness of data.

WP03 - OPMET Monitoring Results Feb 2022

H. Swinnen presented the details of the Feb. 2022 monitoring. TAC monitoring results were received from all monitoring centres (except ROC Moscow), including WIFS from ROC Toulouse. There were derived work packages for addressing the identified problems. There was presented a typical example of such a work package and the way it should be handled by the responsible centres to address the problems.

It was agreed that M.W. will work with H.S. to identify from the work-packages what is missing for each ROC and update the existing tickets or generate new ones.

Action DMG35-6-3: M.W. (with help from H.S.) will update / generate new PHP tickets related to missing data for each ROC.

There was also discussed about monitored data for location indicators not in 7910.

Action DMG35-6-4: H.S. will prepare a list of location indicators not in 7910 for each ICAO region and provide those to C.K.

Action DMG35-6-5: H. S. will make a review on the compliance of the monitoring results to the specifications.

WP08 - APAC Monitoring

M.P. presented to the group the results of the yearly APAC SIGMET Monitoring (Dec. 2021), based on the results received from ROCs London, Toulouse, Vienna and RODB Brussels. The presented work-package included clearly the suggested action for each of the bulletin headers with problems (being APAC data, most of them were for ROC London).

Action DMG35-6-6: M.W. will take actions as suggested by APAC Monitoring work-package.

WP07 - EUR DMG Warning-Monitoring

M. Pichler presented the results of the EUR DMG warning monitoring exercise (2-3 Feb. 2022). This time, also EUR-Tropical Cyclone Test SIGMET messages were sent, as well as Tropical Cyclone and Space Weather Advisories. Most of the participants provided the results in the new format (aligned with the format for DMG OPMET monitoring) and are available on the DMG website.

Action DMG35-6-7: Each ROC to verify the warning monitoring results for its own AoR and investigate the routing problems.

There was agreed to maintain in the DMG report to METG the invitation that States review their list of requested warning messages.

The group recalled that, as part of the monitoring process, ROC Toulouse performed a 5-month monitoring of SIGMET and SPECIAL AIREP (usually January - May). Valentin Dupont was asked whether he could continue to perform this task. He replied that he needed additional information on the process, and the group agreed to provide the available information (C.K. and W.D.).

Action DMG35-6-8: V.D. (with help from C.K.) will identify what is needed to continue performing 5-month monitoring of SIGMETs and Special AIREPs.

Agenda Item 7 Performance indices & Vol. III

WP02 - ANP VOL III - B0 & B1 - AMET

The performance indices and the EUR ANP Volume III tables are updated annually based on the DMG Monitoring results. For 2022, the tables will be updated according to the results presented in DMG35 WP04, App. 4. Also the replies by states in regard to IWXXM-data provided after METG/31 and collected by M.P., will be used for the update.

Action DMG35-7-1: C.K. will update the EUR ANP Volume III tables and present those to DMG36 (that will be the WP for METG).

Based on those results, there will be decided what to propose to METG related to the deficiencies list.

Regarding the removal of Jersey SIGMET headers, M.W. informed that Jersey produces its own SIGMETs (are not produced by UKMO). A METNO was issued last AIRAC cycle to inform about the header used. C.K. will update the tables accordingly.

WP04 - ICAO_OPMET_Performance

The algorithms were not changed. The paper presents the steps for deriving the indices. Negative indices need investigation. The results were compared to the results of DMG32 (previous exercise). The availability and timeliness in the EUR region improved slightly.

It was noted a very low METAR timeliness index for Uzbekistan (even for 10' was only 14%). That needs to be investigated further.

Action DMG35-7-2: H.S. will make a detailed report on the METAR availability for Uzbekistan in order to explain the low figures.

M.P. noted that the timeliness problem for Turkey has been resolved, by adjusting the compilation time of the TAFs (1' later).

Agenda Item 10 SWIM

IPO4 - MIE AFS to SWIM

M.W. presented to the group a paper created on behalf of ROC London for WG-MIE, having the objective to describe the current framework for OPMET data exchange and the considerations that should be taken into account for the migration to a SWIM environment.

The description of the current situation covered the usage of the AFS for OPMET data exchange, the change management (METNO) process, the regional and inter-regional exchange, addressing of missing data.

The transition to SWIM was considered to follow a number of necessary steps: IWXXM regional exchange, IWXXM inter-regional exchange, IWXXM over AFS and SWIM services available at the same time, full dissemination of IWXXM over IP, and finally the cessation of regional and inter-regional exchange over AFS.

Regarding the distribution of data by means of bulletins, it was agreed that no real benefit would be obtained by getting rid of the current way of distribution via AFS in favour of single report distribution. That should be mentioned in the paper for MIE, to explain that such effort would not be justified.

It was pointed out that one of the important issues was related to managing the missing data, and that needs to be brought to attention of MIE. Currently, there is in place an efficient mechanism used by NOCs, ROCs, COM-Centres. From an ICAO perspective, that should also be managed efficiently in the new SWM environment.

One other important aspect was related to the information security.

DMG agreed on the importance of this paper to the MIE activities. M.W. intends to present the first draft of the paper to MIE (in the next 3-4 weeks). Meanwhile, observations, comments, ideas that may improve the document are expected from the DMG members (anything that would be considered beneficial for MIE on the subject).

Action DMG35-10-1: DMG members provide M.W. with comments, observations, ideas for inclusion into the AFS to SWIM paper for MIE.

WP05 - RODB SWIM services (ODAG)

W.D. updated the DMG members on the outcomes of the informal meetings between the 3 RODBs. He offered an overview of information available from other global groups, relevant to RODBs: WG MIE, WG IMP, WMO TT-AvData, Eurocontrol. After that, each of the 3 RODBs in the EUR Region presented their current status with respect to SWIM services implementation.

- Skeyes: call for tender 2023 for an initial SWIM implementation project
- Meteo France: MET-GATE already provides OGC WFS, HTTP Restful and AMQP (presentation at DMG36)
- Austrocontrol - cooperation with COOPANS

A clear global ICAO Plan/Roadmap for the transition from AFS data distribution towards SWIM was considered of very much use in defining the role of the RODBs in the future ICAO data distribution infrastructure and eventually justify the budgetary efforts needed to sustain RODB OPMET SWIM Services.

It was agreed that aspects from this paper (included questions) be included into the paper for MIE, for consideration. W.D. and V.D. will provide input to M.W. on this aspect.

Action DMG35-10-2: W.D. and V.D. will provide to M.W. input related to RODB SWIM services, for insertion into the paper to MIE.

IPO3 - Region exchange of IWXXM

M.W. informed the group on the current situation at IROG London to exchange IWXXM data between EUR and other ICAO Regions. No IWXXM data is exchanged with the other regions. Successful operational exchange was tested with Singapore. Before switching to operational exchange, a number of issues need to be addressed, including the increase of the bandwidth.

The network between EUR and KWBC is capable of IWXXM exchange and exchange of IWXXM data is planned for Q3rd 2022. For SAM - no communication so far on the subject.

M.W. proposed that the paper become a living document and be constantly updated by the EUR IROGs at each DMG meeting. M.P. should provide input from MID, V.D. from AFI.

Action DMG35-10-3: M.P. and V.D. will provide to M.W. updates related to the inter-regional exchange of IWXXM data, to be constantly updated and presented to DMG

C.K. informed that UAE, Qatar, Saudi Arabia already generate IWXXM data.

C.K. informed the group that a clarification will be brought to the attention of the SIGMET ad-hoc group, regarding the fact that until 2024 the VA SIGMETs should be based on the ICAO products (VAA, VAG) and that the mentioned supplementary information refer to LIDAR data and aircraft observations (and not VA concentration charts).

Ag. Item 8 RODEX

WP11 - Status ROC Moscow

M.P. presented to the group an update to the ROC Moscow implementation status.

Data exchange with ROCs London and Toulouse is planned for April 2022 (subject to upgrade of ROC Moscow infrastructure).

Turkmenistan has already a translation agreement in place with ROC Moscow and that could be considered by default an agreement to be in their AoR.

NOC Minsk started sending IWXXM 2.1 data. Russian Federation informed that the process to switch to IWXXM 3.1 will be completed in 1-2 months.

For the change of headers, Russian Federation would present a WP at DMG36.

C.K. updated that Kyrgyzstan and Tajikistan have implemented SADIS.

M.P. will circulate the Excel tables related to the changes needed for exchanging the data. Russian Federation confirmed that end of April - beginning of May the changes could be implemented.

WP10 - RODEX Backup Procedure

M.P. highlighted that for having a proper backup procedure there is a must that all centres use AFS. He presented from the paper an overview of the current AFS implementation status in EUR. The ROCs were invited to complete the table so that a complete image of the current situation.

The principle of the backup procedure would be that, in case of a ROC failure, its corresponding COM-Centre routes all data to the other ROCs (except from data coming in via GTS). A particular aspect is related to ensuring the distribution of national data. That would imply the data to be distributed to the backup ROC which would ensure the compilation.

There should be needed to identify the possible solutions for data provisions to SADIS. The group also considered the possibility that SADIS be part of the back-up procedure itself, as all States in the EUR Region have SADIS reception capability.

Action DMG35-8-1: The DMG members were invited to provide ideas, comments and proposals for the highlighted aspects related to the implementation of the back-up procedure.

RODC Review (MM)

M.P. started by thanking M. Mezred for the work done in respect of updating the RODC application. He recalled to the group that the main goal of the RODC was to provide a tool for NOCs to be able to select the data they need for the regular exchange (a “shopping cart”). Based on some experiences with States in AoR of ROC Vienna, the conclusion was that usually the intention was to have all data available for reception on a regular basis. In this respect, and with future requirements related to SWIM services availability, it was agreed that the initial concept of RODC needs reconsideration, to rethink its role and usability. There were also discussed ideas like the possibility to integrate the METNO procedure into the RODC, or adding information related to availability of SWIM services for any specific data.

Action DMG35-8-2: The DMG members were invited to provide ideas, suggestions and proposals regarding the RODC development to M.P. who will present a WP at DMG36.

M. Mezred confirmed the availability for continuing the work on RODC and informed that there was a signed commitment from Algeria Meteo to support this activity for the next 3 years.

Agenda Item 3. Election of a new chair for DMG/35 & DMG membership

The group proceeded to the election of the chairperson and vice-chair for DMG. Mr. Wim Demol was nominated by M.P., and the nomination was supported by H.S. and M.W. There were no objections to this nomination and W.D. was elected as the chairman of DMG. Further, the group was asked for nomination of the vice-chair. H.S. nominated Mr. Michael Pichler and the nomination was seconded by W.D. and M.W. There was no objection recorded and M.P. was elected the vice-chair of DMG.

Agenda Item 12 Any other business

WP06 - DMG-FP OPMET Catalogue Applications – Status

H.S. presented to the group some important aspects related to the activities of the DMG FP. The main subjects were the facts that (1) the software applications reach end-of-life and (2) the retirement of H.S. (April 2024). There were presented detailed information on the software applications used and the type of functions accomplished, along with the output data and formats. The group was invited to discuss the possibilities to continue with the FP METNO and OPMET Monitoring activities.

There was mentioned that the current workload implied by the FP activities could not be fully covered by Skeyes in the future, therefore a workload sharing will be needed. W.D. informed that while the data capturing can be possible in the MET switch, the other activities related to METNO and data processing (work-packages) need be covered with other participants. The monitoring applications, although being stable and easy to use, need replacement due to reaching the end-of-life cycle. W.D. and H.S. will try to identify the human resources available within Skeyes for performing the FP functions. There will be a need for performing activities related to extracting and processing the monitored data, but also to programming and updating the applications. M.P. and M.M. could possibly help with some of these, but that is a matter of available time resources. The group agreed to establish a small sub-group to identify the necessary actions in relation with continuing the DMG Focal Point activities.

Next meetings:

The group agreed that in the future, out of the 3 annual meetings, one to be carried-on in an on-line environment (the autumn meeting) while the other two to be face-to-face meetings.

DMG36: 21-23 June 2022 (Vienna)

DMG37: 8-10 November 2022 (on-line)

DMG38: 21-23 March 2023 (ICAO)

Tour de table:

L.B. informed the group that Romania will stop producing AIREP messages from AIRAC date of 16th June 2023.

The group members congratulated W. Demol and M. Pichler for being elected as DMG chairman and respectively vice-chairman. It also thanked C.K. for the support offered on behalf of the ICAO Office and welcomed Dirk Zinkhan to the group.

Related to the change of the group name to MIE - it was agreed to have it for discussion at next DMG meeting.

DMG35 LIST OF ACTIONS

Id	Action	Responsible	Target date	Resolution / Comments
	DMG32			
DMG32-5-12	WP related to revision of the VAA distribution policy (with intention to present to METG/31)	M. Pichler C. Keohan	DMG35	Draft paper discussed @DMG35 with intention to present that @METG32
	DMG33			
DMG-33-5-4	Work on establishing the principles and format for deriving the Catalogue	H. Swinnen M. Wagner (P. Simon)	DMG34	First draft. Intention to have it ready at DMG35.
	DMG34			
DMG34-2-2	Present a new paper with an updated overview of the IWXXM implementation	CK MP	DMG35	
DMG34-5-1	WP with Plan on the implementation of new headers by Russian Federation	Russian Fed C. Keohan H. Swinnen M. Pichler	DMG35	
DMG34-8-3	Provide the routing tables to M. Mezred in order to include those into RODC	ROC Moscow ROC Toulouse	DMG36	

DMG34-10-1	Arrange for an on-line demonstration of MET SWIM services provided by Météo France	V. Dupont	DMG36	
DMG34-10-2	Provide an IP with regard to RODB Toulouse status	V. Dupont	DMG36	
	DMG35			
DMG35-3-1	Contact Spain in order to obtain information regarding the link with SAM Region and regarding their availability for participating to the DMG activities (either as a permanent member or on occasional basis)	C.Keohan W.Demol	DMG36	Contact person provided by V. Dupont
DMG35-9-1	Review the proposal for new iteration of Doc 018 and provide comments / updates to M.P.	DMG members	DMG36	
DMG32-5-10	Consolidate the update proposal to Doc 018 (TAF CNL examples and other input from DMG)	M. Pichler	DMG36	
DMG35-6-1	Work on defining the IWXXM monitoring requirements	M.Pichler V.Dupont M. Wagner W.Demol	DMG36	
DMG35-6-2	WP for METG to inform on typical error coding that are encountered with IWXXM data, highlighting the need that the producer (or translator) should ensure the correctness of data	W.Demol M.Pichler	DMG36	
DMG-35-6-3	Update / generate new PHP tickets related to missing data for each ROC, based on Feb. 2022 monitoring	M.Wagner H. Swinnen	DMG36	

DMG35-6-4	Provide to C. Keohan a list of location indicators not in 7910 per each ICAO Region	H. Swinnen		
DMG35-6-5	Review on the compliance of the monitoring results to the specifications	H. Swinnen	DMG36	
DMG35-6-6	Actions resulting from APAC monitoring work-package	M. Wagner	DMG36	
DMG35-6-7	Investigate routing problems identified by Feb 2022 warning monitoring	ROCs	DMG36	
DMG35-6-8	Identify possibility to continue performing 5-month monitoring of SIGMETs and Special AIREPs	V. Dupont	DMG36	
DMG35-7-1	Update the EUR ANP Volume III tables	C. Keohan	DMG36	
DMG35-7-2	Detailed report on METAR availability for Uzbekistan	H. Swinnen	DMG36	
DMG35-10-1	Provide to M.W. comments, observations, ideas for inclusion into the AFS to SWIM paper for MIE	DMG	Mid April	
DMG35-10-2	Provide to M.W. input related to RODB SWIM services, for insertion into the paper to MIE	W. Demol V. Dupont	Mid April	
DMG35-10-3	Provide to M.W. updates related to the inter-regional exchange of IWXXM data	M. Pichler V. Dupont	DMG36	
DMG35-8-1	Provide to M.P. ideas, comments and proposals for the implementation of the back-up procedure	DMG		
DMG35-8-2	Provide to M.P. ideas, suggestions and proposals regarding the RODC development, WP for DMG36	DMG M. Pichler	DMG36	