

REPORT OF THE DATA MANAGEMENT GROUP

TWENTYTHIRD MEETING

(Algiers, 13-15 March 2018)

The twenty-third meeting of the Data Management Group was held from 13 to 15 March 2018 in the premises of Meteo Algerie - Alger, and was attended by the following participants:

List of participants

| | |
|------------------------|-------------------------|
| Mr. Mohamed Mezred | Algeria |
| Mr. Abdelhalim Lakehal | Algeria |
| Ms. Souad Chetoui | Algeria |
| Mr. Michael Pichler | Austria |
| Mr. Herman Swinnen | Belgium |
| Mr. Wim Demol | Belgium (vice-Chairman) |
| Mr. Per Moeller Jensen | Denmark |
| Mr. Patrick Simon | France (Chairman) |
| Mr. Laurentiu Brojboiu | Romania (Secretary) |
| Mr. Igor Arestov | Russian Federation |
| Ms. Tatiana Streltsova | Russian Federation |
| Mr. Matthew WAGNER | United Kingdom |
| Mr. Christopher Keohan | ICAO Paris |

Agenda Item 1: Adoption of the provisional agenda

After the meeting opening, the group discussed on the provisional agenda and adopted it as follows:

1. Approval of the Agenda

DMG23 WP01 - Agenda

2. Approval of the DMG 22 report & Actions from previous meetings

Draft Report DMG22
DMG22 actions list

3. Information from other groups

ICAO

EUR

EANPG, COG
METG

WP02 – MET conclusions (ICAO)

WP03 - UA reports corrective action plans (ICAO)

AFSG, AFSG/PG
VA
ICAO Workshops

Coordination with other regions

IP01 APAC_SIGMET-Monitoring + attachment

(Austria)

Global Groups

WG-MIE
MOG/SADIS

WMO

TT AvXML

4. IWXXM action planActions and coordination

- ROC plans
- RODBs plans
- Other regions
- testing AMHS
- EUR procedures & DOC018

WP07 EUR Doc14 update **(Belgium)**

DOC 033 (Guidelines on IWXXM transition)

Status of translation centre agreements (ROC Toulouse and Vienna, WPs)

WP05 - IWXXM Translation Agreements + attachment **(ICAO)**
IP02 IWXXM-ROC-Vienna **(Austria)**

5. OPMET Data Monitoring results and action plans & PHP manager reportMonitoring results & following PHP actions, including

Systematically wrong formatted/coded OPMET data
Routing problems
Missing data
Consolidated set of timers values
Special AIREP monitoring

WP06 - Verify global SIGMET headers + attachments **(ICAO)**
WP11 - PHP Report **(UK)**
WP12 - Analysing Warning Monitoring **(Austria)**
WP14 – OPMET Data Catalogue Nomenclature **(Belgium)**
WP15 – OPMET Monitoring Results - February2018 **(Belgium)**

Support to the new eANP

DMG support for agreed exchanged non AOP aerodromes OPMET

6. Performance indicesVolume III – MET

OPMET implementation

WP04 - eANP VOL 3 OPMET tables **(ICAO)**

Propose/create performance indices

WP13 - ICAO_OPMET_Performance_V03 (Belgium)

7. RODEX

Possible creation of a 4th ROC

- Study the creation of a full transition plan, to be finalized for METG/28, to assist the possible creation of a ROC in Moscow, including but not limited to documentation modifications, update on addressing schema, back-up procedure, and IWXXM transition;
- Provide a process for States in a proposed Area of Responsibility (AoR) to accept being under the jurisdiction of ROC Moscow; and
- Assure all ROCs meet requirements as detailed in EUR Doc 018 (requirements to be reviewed as well);

IP06 NOC Moscow – Completed Actions

WP10 ROC Moscow and ICAO DOCs (Austria & Denmark)

WP16 ROC Requirements and implementation steps

RODC

ROC Back-up procedures/ contingency arrangements

London → Toulouse
 Toulouse → Vienna
 Vienna → London

WP09 Regular RODEX backup testing (Austria)

IP04 - AIRAC_29032018_OPMET_Change_Requests_Draft (Belgium)

8. EUR Documents

DOC 018 Handbook (outside IWXXM under Agenda 5)

WP08 EUR Doc18 update + attachment (Austria & Denmark)

IP03 - DMG-Website (Austria)

IP05 - MetnoOverviewAll_AIRAC01032018 (Belgium)

9. SWIM

Liaise with SWIM PT in support to the development of the SWIM implementation plan
 Derive implementation plan in the EUR region for MET SWIM

10. Next meetings

11.AOB

Agenda Item 2

Adoption of DMG22 Report

The group reviewed and approved the DMG22 report, including the comments and updates.

Actions from the previous meetings

The group reviewed the status of the actions established at the DMG22 meeting. The completed tasks were erased from the list (highlighted in yellow; see comments).

List of actions resulted after DMG22

| Ag. Item/BMG | Action item | Responsible | Target date |
|--------------|---|--------------------------------------|-------------|
| | DMG16 | | |
| DMG16-4-5 | Obtain the headers for Special AIREP messages used by Malta. | P. Simon | DMG21 |
| DMG16-5-7 | Progress report on the development of software applications for depiction of systematic TAC coding errors | P. Simon | DMG18 |
| | DMG18 | | |
| DMG 18-6-1 | Investigate on the RQM coming from Portugal | P. Simon | DMG19 |
| | DMG22 | | |
| DMG22-3-1 | P. Simon will provide the routing table in csv format to M. Pichler and M. Wagner in order to derive the ROC Vienna and London routing tables in same format and forward those to M. Mezred. Additionally, a second csv file will be generated by the three ROCs to identify the correspondence AFTN address – country name | P. Simon M. Pichler M. Wagner | DMG23 |
| DMG22-3-2 | Once the routing tables are available, harmonize the information and check for consistency between the three tables | M. Mezred P. Simon | DMG23 |
| DMG22-3-3 | Derive a listing of agreed non-AOP aerodromes and will present it to the next DMG meeting | P. Simon | DMG23 |
| DMG22-5-1 | Inform the AFSG chairman on the estimated increase of the data volume due to IWXXM exchange in order to ensure the capability of the AFS to accommodate the traffic | P. Simon (H. Swinnen P.Jensen) | |
| DMG22-6-1 | Set-up a new account and provide the corresponding credentials to M. Wagner | Belgium | DMG23 |
| DMG22-6-2 | Ensure a smooth transition for the management of the PHP application, with particular attention to addressing the existing open tickets | H. Swinnen M. Wagner | DMG23 |
| DMG22-6-3 | Review the EUR DOC 018 App. C & D in regard to necessary changes due to the IWXXM and the usage of ext. AMHS | H. Swinnen P. Simon | DMG23 |
| DMG22-6-4 | Review the table corresponding to OPMET Monitoring exercise schedule (par. 8.1 in App. C) to make it more explicit | H. Swinnen M. Pichler P. Simon | DMG23 |
| DMG22-6-5 | Proposal for rewording EUR Doc 18 App. C Chap. 9 and to replace the Warning Monitoring invitation letter (chap. 10) with either a link to the DMG website or an attachment | M. Pichler C. Keohan | DMG23 |

| | | | |
|------------|--|----------------------------|--------------|
| DMG22-6-6 | Proposal for the update process of EUR Doc. 18 | M. Pichler P. M. Jensen | DMG23 |
| DMG22-6-7 | Update the entries for FI, IS and MD (and possibly Morocco – to be confirmed) in the list of SPECIAL AIREP headers | C. Keohan | DMG23 |
| DMG22-6-8 | Investigate with states in their AoR on what are the correct SP AIREP headers and take measures accordingly | ROCs | DMG23 |
| DMG22-6-9 | Investigate the corresponding warning monitoring results and take corrective actions to update the routing tables by the end of Nov 2017 | ROCs | Nov 2017 |
| DMG22-6-10 | For location indicators in the EUR region which were monitored but not present in 7910, PHP tickets shall be derived. For those outside the EUR Region, C. Keohan will inform the corresponding ICAO offices in order to take corrective action | ROCs | DMG23 |
| DMG22-6-11 | Address with States in their AoR the data monitored but not registered and data registered but not monitored | ROCs London and Toulouse | January 2018 |
| DMG22-6-12 | Regarding problems highlighted for data availability, the 3 ROCs will investigate on the missing AOP airports and derive PHP tickets | ROCs | DMG23 |
| DMG22-6-13 | Issue a correction METNO message declining the request of withdrawal of URMM | H. Swinnen | Nov 2017 |
| DMG22-6-14 | Provide to the ROCs an updated listing of SIGMET headers registered through the METNO procedure | H. Swinnen | DMG23 |
| DMG22-6-15 | The registered SIGMET headers shall be added as a new column to the action table. The three ROCs will coordinate with C. Keohan and apply the corrective actions (for EUR SIGMETs). For non-EUR, C. Keohan will contact the other ICAO Offices for clarification | C. Keohan ROCs | DMG23 |
| DMG22-6-16 | Prepare a first attempt of populating the availability and timeliness tables, based on Feb 2018 results | H. Swinnen C. Keohan | DMG24 |
| DMG22-6-17 | P. Simon will send to C. Keohan the results of a 5-month monitoring period on the SIGMET messages in order to populate the SIGMET Availability table | P. Simon C. Keohan | DMG23 |
| DMG22-7-1 | a) For OPMET State Performance indices, only the full time airports shall be taken into account. b) Timeliness indices shall be computed from received data only (with no connection to availability) and for both time intervals of 6 and 10 minutes | H. Swinnen | DMG23 |
| DMG22-8-1 | Identify situations where bulletins from their AoR contain mixed AOP and non-AOP aerodromes and derive PHP tickets | ROCs | Nov 2017 |
| DMG22-8-2 | Clarify with the National AMHS Centre the issues related to the implementation of the backup procedure (responsibilities, time schedule, etc) | P. Simon | DMG23 |
| DMG22-8-3 | Work on finalising a mechanism for regular testing of the backup procedure | M. Pichler | DMG23 |
| DMG22-9-1 | Check and test the beta version of the DMG website and present comments/proposals to M. Pichler | DMG members | DMG23 |
| DMG22-9-2 | Review the EUR Doc 014 with regard to IWXXM implementation, including a link for SIGMET headers to the ICAO website (MET Guidance section) where could easily be updated as necessary | W. Demol | DMG23 |
| DMG22-8-4 | Work together to identify all requirements for a ROC as resulting from the EUR OPMET Handbook and derive the necessary steps for implementation by Moscow | W. Demol M. Wagner | DMG23 |

| | | | |
|-----------|--|-------------------------|-------|
| DMG22-8-5 | Identify what needs to be updated in the corresponding documentation with respect to establishing a new ROC and present a paper to DMG23 | M.Pichler P.M.Jensen | DMG23 |
|-----------|--|-------------------------|-------|

Agenda Item 3: Information from other groups

C. Keohan informed the group about the status of the follow-up actions on METG conclusions/decisions:

- TAC->IWXXM translation agreements: on-going (WP05)
- Dissemination of Special AIREPs: on-going (WP03)
- IWXXM implementation plan: ongoing, version 3.1 expected for 2019
- EUR eANP Volume III – draft MET Tables: under development
- EUR SWIM Project Team: the draft ToRs are under development and will be presented to the COG/RCOG meeting (May 2018). These were also discussed during the DMG meeting and updates were proposed to the document.

The group was also informed that the next MIE meeting (May, Boulder- CO) will discuss on the planning of MET SWIM implementation. P. Simon will present information on that to the next DMG meeting.

WP03 – UA Reports – corrective actions

C. Keohan informed the group that 5 States responded to the ICAO State letter and the corresponding corrective action plans were presented to the DMG members, in order to plan with the States the implementation of disseminating UA reports. UA monitoring covering the period 1st April to mid May will be performed by France and the results will be forwarded to C. Keohan for presentation at the PTEAST meeting and DMG/24

Action DMG23-3-1: P. Simon will provide to C. Keohan the results of UA monitoring for the period from 1 Apr – 15 May 2018.

The meeting also agreed to cross-check these results with what was announced through the update procedure.

Action DMG23-3-2: H. Swinnen will analyse the results of the UA monitoring to check if these are in line with what was declared via METNO and derive PHP tickets if needed.

VA Updates

The group was informed on the next VA exercise that will take place from 2000 UTC on 19 April 2018 to 0200 UTC on 20 April 2018. This exercise will simulate two eruptions in Kamchatka. The VOLCEX 18 is planned for 28 Nov. 2018. A preparatory workshop will be held between 6-7 Sep 2018 in Paris.

Coordination with other Regions

The group was informed that an IWXXM Workshop will be held in the APAC Region during 20-23 Nov. 2018 (Bangkok).

IP01 – ASIA/PAC SIGMET Monitoring

M. Pichler informed the group about the results of the SIGMET Monitoring exercise that took place in the ASIA/PAC region in November 2017. The results received from the ROCs and RODBs were analysed and corrections were applied by ROC London to solve the routing deficiencies. ROC London submitted to ROC Singapore the issues identified related to double routing.

Agenda Item 4: IWXXM Action Plan*WP07 – EUR SIGMET Guide Update*

W. Demol presented to the group the proposed updates to EUR Doc 014 related to IWXXM implementation.

Action DMG23-4-1: The DMG members will review the proposed updates and provide comments to W. Demol, who will forward the final version to C. Keohan.

It was noted that an ad-hoc group is working on the same document and will provide the updates to the next DMG. It was agreed that:

Action DMG23-4-2: C.Keohan will merge both update proposals to EUR Doc 014 coming from DMG and from the ad-hoc group and present those to METG 28. The SIGMET headers tables will be removed from the document.

WP05 – IWXXM Translation Agreements

C. Keohan informed the group on the official replies received from 6 States in the EUR region in response to the State Letter regarding the translation agreements. There were some adjustments made to the provided list (Sweden removed as it will start producing IWXXM data in 2018, Georgia removed as no bulletins provided yet, Estonia to remove dates as the agreement was not signed yet, Latvia replaced with Lithuania). There was considered necessary the following action:

Action DMG23-4-3: DMG will present a status report on the translation agreements to METG28, including information on the necessity that states use AMHS for IWXXM data exchange.

During discussions it was mentioned that situations had been noticed when translations of TAC to IWXXM concerned not only national data but international as well. There were raised concerns that these data could possibly end up circulating via AFS (or SWIM, later), in contradiction to provisions included by DMG into the Guidelines for the IWXXM implementation. It was noted though that there was little or no control at all for such situations (it was mentioned that private companies were providing such data). The implications will be assessed and if necessary a WP will be presented to DMG24 on this subject (W. Demol, with support from L. Brojboiu).

IP02 – Status of IWXXM-Implementation ROC Vienna

M. Pichler informed the group that the provision of Austrian IWXXM data has been started (METAR/TAF in Nov 2017, SIGMET in Jan 2018). The group was also informed about the validation schema used (2.1 implemented since Feb), the RQX capabilities implemented and the translation agreements.

During discussions it was noted that the French IWXXM data are flagged as non-operational. The RODB Vienna is set up to not include in the responses such data.

Agenda Item 5 : OPMET Monitoring Results and Action Plans*WP06 – Global SIGMET Headers*

Following previous DMG tasks, the SIGMET headers registered in METNO were used to verify the SIGMET headers listed in guidance material as well as the SIGMET headers monitored. C. Keohan presented to the group the list of actions taken / needed to be taken. Minor updates were made to the list (for Georgia there was issued a METNO; for Germany the typo shall be corrected). It was agreed the following action:

Action DMG23-5-1: The ROCs will go through the action list for SIGMET Headers, coordinate with states and provide updates (Vienna: Armenia, Uzbekistan; Toulouse: Tunisia, Spain). C. Keohan will present an update to DMG24.

Regarding differences recorded for the FIR Names, H. Swinnen worked and presented during the meeting a cross-check between 7910 and monitoring. It was agreed to address those through PHP.

Action DMG23-5-2: The PHP Manager (M. Wagner) will derive PHP tickets per states for the differences recorded between used FIR Names and those declared in 7910.

WP11 – PHP Report

M. Wagner as the PHP manager presented in detail the PHP tickets progress since DMG21. The meeting agreed that all old tickets should be closed and also agreed on the necessity to derive tickets per state, for an easier addressing.

WP12 – Analysing Warning Monitoring

M. Pichler presented to the DMG members the new way that the results of the Warning Monitoring exercises are currently published on the DMG website. There were also presented possible ways of investigating the deficiencies by the ROCs.

Action DMG23-5-3: The DMG members will check the tool for analysing the Warning Monitoring results and provide feed-back to M. Pichler by DMG24.

Further, it was noted the importance of having an up-to-date information about what data each state requests to receive. That was appreciated as essential in order to identify the relevant deficiencies.

Action DMG23-5-4: The ROCs will contact the centres in their AoR, asking to review their list of requested warning data.

WP14 – OPMET Data Catalogue Nomenclature

H. Swinnen informed the group on the actions undertaken in order to obtain the necessary documents in support of the activities of DMG. There was described the current status, including the preparatory work and the used input documents, their version and the resulted documents. There were mentioned the difficulties recorded by the DMG FP in the processing of the Word and PDF format of the ICAO Regional MET II-2 Tables. There was appreciated the support of ICAO Paris in obtaining the workable version of the 7910 doc. It was mentioned that the next updated version (Sep 2018) will be provided to the DMG FP in October 2018. The DMG members took note about the Inter-Office Memorandum concerning the usage of the Doc 7910.

WP15 – OPMET Monitoring

H. Swinnen as the DMG Focal Point presented to the group the work packages resulted from the February 20187 Routine OPMET monitoring. Each package was described in detail, together with its possible usage for optimising the regional and inter-regional dissemination of OPMET data.

The DMG members agreed that prime attention should be on the availability of data, and secondly the optimisation of distribution for reducing duplication. Consequently, the following actions were concluded:

Action DMG23-5-5: The PHP Manager will use the package TT_EANP_Req_NOT_RX to derive tickets for each ROC.

Action DMG23-5-6: The PHP Manager will use the workpackage AFS_SADIS-WIFS_Routine_OPMET_Data for depicting what is on WIFS and is not on SADIS, and will derive the corresponding PHP tickets for each ROC.

Action DMG23-5-7: Each ROC shall investigate the workpackage ROC_Misrouted_or_Duplicated in order to depict duplication and will take corrective actions, either by solving the routing directly or issuing PHP tickets. If possible, report to DMG24 on the taken actions and the progress recorded.

The work package OPMET_Bulls_Routine_eANP_01032018 shows bulletins with mixed required and not required data. The following action was concluded:

Action DMG23-5-8: The PHP Manager will derive PHP tickets for bulletins containing mixed required and not required data (for EUR region only), mentioning the violation of the best practices required by DMG. Additionally, the DMG report to METG28 will include information on this subject.

Regarding the data declared but not monitored and data monitored but not declared:

Action DMG23-5-9: The ROCs will investigate each action in the work package METNO_ACTION_eANP_Febr_2018_Monitoring and validate with each state in their AoR.

Agenda Item 6 – Performance Indices

WP04 – EUR eANP OPMET Tables

In order to finalise the proposal for the METG draft conclusion, the following actions were agreed by the group:

Action DMG23-6-1: C. Keohan and H. Swinnen will work on populating METAR / TAF availability and timeliness tables. C. Keohan will present the results to DMG24.

For SIGMET tables, following verification of FIR names, the appropriate actions will be taken to populate the tables. C. Keohan will discuss within ICAO on the issue of differences between used FIR names and the listings in 7910 and will report to DMG 24. A possible solution would be to stick to what states declare in Eur Doc 014.

WP13 – ICAO OPMET Performance

H. Swinnen presented the process of determining the ICAO EUR OPMET Performance Indices, followed by the results determined for the February 2018 monitoring. Some issues were discussed by the group members, in particular related to situations where calculations lead to availability indices exceeding 100%. The following action was concluded:

Action DMG23-6-2: H. Swinnen, with support from W. Demol and M. Wagner will refine the calculation method to address the issue of availability over 100%, and will present the results to DMG24.

The DMG members will go through the indices corresponding to the February monitoring results for their own State, will depict anomalies and identify the possible cause and will provide feed-back to H. Swinnen by email.

Agenda Item 7 – RODEX

IP06 – NOC Moscow – Completed Actions

The Russian DMG members presented a list of actions undertaken by NOC Moscow to improve the OPMET data exchange and meet the requirements for a possible ROC Moscow. There were mentioned the assignment of a location indicator for MET COM Centre (UUUJ), actions related to using AMHS for the exchange of OPMET data, software to ensure translation from TAC to IWXXM.

The DMG members agreed that a status update on these actions should be presented also to the next DMG meeting.

Action DMG23-7-1: Russian members of DMG will provide to DMG24 an update of the actions undertaken in order to meet prerequisites for a new ROC Moscow (either as an IP or WP).

WP10 – Possible ROC Moscow and implications to ICAO Documentation

Following an action from DMG22, M. Pichler and P. Jensen presented to the group the necessary updates to ICAO Documents related to introduction of a new ROC centre. There were identified

necessary changes to EUR Doc 18, and minor updates to EUR Doc 7754 and the TAC-IWXXM translation agreement form.

WP16 - ROC Requirements and Implementation Steps

Following an action from DMG22, W. Demol and M. Wagner presented to the group a synthetic list of the necessary requirements for a ROC, as resulting from the EUR OPMET Handbook. The list summarised the necessary responsibilities and functionalities, and the paper included also a listing of the necessary steps for implementation, with the responsible entity for each action.

Based on these conclusions and on the information that Russian members will bring to DMG24, there will be completed what DMG will present to METG28 on this subject.

IP04 – OPMET Change Requests

The DMG FP presented to the group information related to the used format for the announced changes via the METNO procedure. The paper was meant to highlight the various possibilities for updating the bulletin composition. There were mentioned cases when changes were announced by completely deleting the bulletin followed by definition of the same bulletin with a different structure. This should have been avoided, as a more efficient procedure was available to only announce the changes in the bulletin.

RODC Application

M. Mezred presented to the group the current status with the development of the RODC application. There was offered a live presentation of the application, showing the functionalities and the usage. The DMG members agreed on the following actions:

Action DMG23-7-2: M. Mezred shall work with the three ROCs on the details of the format, naming, etc for the routing tables and present the result to DMG24.

There was agreed that the VAA will not be part of the routing tables (at least for the next period). The DMG members considered that the application should also be used in the future to address IWXXM data.

As for the inter-regional exchange, it was agreed that the distribution from one ROC to the corresponding inter-regional gateway should be similar to the distribution to any other NOC in its AoR. It was mentioned that an update process could be envisaged. METNO exchange works currently with the MID region and ASIA/PAC. M. Wagner will investigate whether similar information related to announcement of changes could be exchanged with the CAR/SAM region.

WP09 – Regular Testing of RODEX Back-up Procedure

M. Pichler presented to the group a proposal for the regular testing of the RODEX back-up procedure. The general principles were explained, including details for what, how and how often should be tested. Finally, a proposal for a real test was brought to attention.

The group members considered that the proposed frequency for regular testing of once per month would be quite high and probably not justified.

Regarding the implementation of the procedure in France, P. Simon reiterated that preliminary actions need to be undertaken at national level.

There was agreed to study the possibility of performing a simulation test, involving ROCs London and Vienna (with possible participation of a NOC in their AoR, e.g. Bucharest). The test scenario will be presented to the next DMG meeting and, if agreed, the test could be performed before METG, with output presented to METG28.

Action DMG23-7-3: ROCs London and Vienna will study the possibility of performing a simulation test of the back-up procedure (with possible involvement of NOC Bucharest) and present a proposal to DMG24.

Agenda Item 9 – EUR Documents

WP08 - Proposed changes to EUR Doc 018

Following an action derived at DMG 22, P. Jensen and M. Pichler worked at improving the format of the EUR OPMET Data Management Handbook (EUR ICAO Doc. 018). The idea was to merge the main document with all the Appendices. Moreover, the whole document was reviewed and a list of proposed changes was brought for discussion to DMG. The members agreed that an in-depth analysis of the proposal could not be achieved during the meeting and therefore the following action resulted:

Action DMG23-7-4: The DMG members will go through the proposed changes to EUR Doc 018 and provide feed-back to M. Pichler by mid May 2018. The results will be presented in a WP to DMG24.

It was also agreed that the document change record should be extracted from the document itself and moved in a separate document published on the DMG website. The link to this document will be referenced within the EUR Doc 018.

IP05 – METNO Overview

The DMG FP (H. Swinnen) presented to the group several listings related to the update procedure: the EUR routine and non-routine data registered through the procedure, the inventory of all METNO bulletins, EUR routine and non-routine data not registered. It was mentioned that although these listings are used mainly by the FP within his activity, these could be made available to any other member on request.

IP03 - New DMG Website

M. Pichler presented to the group a number of new capabilities offered by the DMG website (hosted by Austrocontrol). There were also mentioned some new improvements intended for the new versions. The group members were asked to analyse the new layout and facilities and comment or come with proposals if necessary. The group members also appreciated the progress recorded with the DMG website and its “professional style” look.

Action DMG22-9-1: DMG members will analyse the DMG website layout and facilities and present comments/proposals to M. Pichler by the next DMG.

Agenda Item 12: Next DMG Meetings*Dates and location of the next meetings*

DMG24: 19-21 June 2018, Vienna

DMG25: 16-18 October 2018, Toulouse

Agenda Item 13: Any Other Business

M. Wagner informed the group members that a first contact was already to be established with the SAM region regarding the METNO exchange.

M. Pichler informed the group that Austria will start producing long TAFs with a frequency of 3 hrs starting from 26 April 2018.

W. Demol informed the group about Belgocontrol decision to stop using Lotus Notes. This could have a direct impact on the PHP ticketing application. More details will be presented at the next DMG.

L. Brojboiu informed the group that following a software upgrade of the MET processing system, NOC Bucharest will be able to produce IWXXM data and will be ready to start a bilateral testing with ROC Vienna in the beginning of May 2018.

List of actions resulted after DMG23

| Ag. Item/BMG | Action item | Responsible | Target date |
|--------------|--|--------------------------|--------------|
| | DMG18 | | |
| DMG 18-6-1 | Investigate on the RQM coming from Portugal | P. Simon | DMG19 |
| | DMG22 | | |
| DMG22-3-3 | Derive a listing of agreed non-AOP aerodromes and will present it to the next DMG meeting | P. Simon | DMG23 |
| DMG22-6-11 | Address with States in their AoR the data monitored but not registered and data registered but not monitored | ROCs London and Toulouse | January 2018 |
| DMG22-6-16 | Prepare a first attempt of populating the availability and timeliness tables, based on Feb 2018 results | H. Swinnen C. Keohan | DMG24 |
| DMG22-8-1 | Identify situations were bulletins from their AoR contain mixed AOP and non-AOP aerodromes and derive PHP tickets | ROC London and Vienna | DMG24 2017 |
| DMG22-8-2 | Clarify with the National AMHS Centre the issues related to the implementation of the backup procedure (responsibilities, time schedule, etc) | P. Simon | DMG24 |
| | DMG23 | | |
| DMG23-3-1 | Provide to C. Keohan the results of a monitoring for the UA reports (1 Apr – 15 May 2018). | P. Simon | May 2018 |
| DMG23-3-2 | Analyse the results of the UA monitoring to check if these are in line with what was declared via METNO and derive PHP tickets if needed | H. Swinnen | DMG24 |
| DMG23-4-1 | Review the proposed updates to EUR Doc 014 on IWXXM implementation and provide comments to W. Demol, who will forward the final version to C. Keohan | DMG members | DMG24 |
| DMG23-4-2 | Merge both update proposals to EUR Doc 014 coming from DMG and from the ad-hoc group and present those to METG 28. The SIGMET headers tables will be removed from the document. | C.Keohan | METG28 |
| DMG23-4-3 | Present a status report on the translation agreements to METG28, including information on the necessity that states use AMHS for IWXXM data exchange | P. Simon | METG28 |
| DMG23-5-1 | Review the action list for SIGMET Headers, coordinate with states and provide updates (Vienna: Armenia, Uzbekistan; Toulouse: Tunisia, Spain). C. Keohan will present an update to DMG24 | The ROCs C. Keohan | DMG24 |
| DMG23-5-2 | PHP Manager will derive PHP tickets per states for the differences recorded between used FIR Names and those declared in 7910 | M. Wagner | DMG24 |
| DMG23-5-3 | Check the tool for analysing the Warning Monitoring results and provide feed-back to M. Pichler by DMG24 | DMG members | DMG24 |
| DMG23-5-4 | Contact the centres in their AoR, asking to review their list of requested warning data | The ROCs | DMG24 |
| DMG23-5-5 | Use the package TT_EANP_Req_NOT_RX to derive tickets for missing data, for each ROC | M. Wagner | DMG24 |
| DMG23-5-6 | Use the workpackage AFS_SADIS-WIFS_Routine_OPMET_Data for depicting what is on WIFS and not on SADIS, and will derive the corresponding PHP tickets for each ROC | M. Wagner | DMG24 |
| DMG23-5-7 | Investigate workpackage ROC_Misrouted_or_Duplicated in order to depict duplication and will take corrective actions, either by solving the routing directly or issuing | ROCs | DMG24 |

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| | PHP tickets. If possible, report to DMG24 on the taken actions and the progress recorded | | |
| DMG23-5-8 | Derive PHP tickets for bulletins containing mixed required and not required data (for EUR region only), mentioning the violation of the best practices required by DMG. Additionally, the DMG report to METG28 will include information on this subject | M.Wagner | DMG24 |
| DMG23-5-9 | Investigate each action in the work package METNO_ACTION_eANP_Febr_2018_Monitoring and validate with each state in their AoR | ROCs | DMG24 |
| DMG23-6-1 | Populate METAR / TAF availability and timeliness tables. C. Keohan will present the results to DMG24 | C. Keohan and H. Swinnen | DMG24 |
| DMG23-6-2 | H. Swinnen, with support from W. Demol and M. Wagner will refine the calculation method to address the issue of availability over 100%, and will present the results to DMG24 | H. Swinnen W. Demol M. Wagner | DMG24 |
| DMG23-7-1 | Provide an update of the actions undertaken in order to meet the requirements for a new ROC Moscow (either as an IP or WP). | Russia | DMG24 |
| DMG23-7-2 | M. Mezred shall work with the three ROCs on the details of the format, naming, etc for the routing tables and present the result to DMG24 | M. Mezred | DMG24 |
| DMG23-7-3 | Study the possibility of performing a simulation test of the back-up procedure (with possible involvement of NOC Bucharest) and present a proposal to DMG24 | ROCs London and Vienna | DMG24 |
| DMG23-7-4 | Review the proposed changes to EUR Doc 018 and provide feed-back to M. Pichler by mid May 2018. The results will be presented in a WP to DMG24 | DMG members | May 2018 |
| DMG22-9-1 | Analyse the DMG website layout and facilities and present comments/proposals to M. Pichler by the next DMG | DMG members | DMG24 |
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