

REPORT OF THE DATA MANAGEMENT GROUP

TWENTYFOURTH MEETING

(Vienna, 19-21 June 2018)

The twenty-fourth meeting of the Data Management Group was held from 19 to 21 June 2018 in the premises of Austrocontrol - Vienna, and was attended by the following participants:

List of participants

Mr. Mohamed Mezred	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. Sergey Grabko	Russian Federation
Mr. Igor Arestov	Russian Federation
Ms. Maria Zabavka	Russian Federation
Mr. Matthew Wagner	United Kingdom
Mr. Christopher Keohan	ICAO Paris
Mrs. Nino Gelovani	PT/EAST

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

DMG24 WP01 - Agenda

2. Approval of the DMG 23 report & Actions from previous meetings

Draft Report DMG23
DMG23 actions list

3. Information from other groups

ICAO

EUR

EANPG, COG, METG
AFSG, AFSG/PG
VA

WP/02 – Status of MET Conclusions/Decisions by METG, COG and EANPG Meetings (ICAO)

IP/02 - PT/EAST 18 Outcomes (PT/EAST)

ICAO Workshops

Information on Workshop on Implementing the ICAO MET Provisions in the Maghreb States (ICAO)

Coordination with other regions

Global Groups

WG-MIE

IP/06 – IWXXM MIE outcomes for DMG (France)

MOG/SADIS

IP01 – SADIS WIFS (UK)

WMO

TT AvXML

4. IWXXM action plan

Actions and coordination

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

WP/07 EUR OPMET Data Update Procedure for the introduction and implementation of IWXXM data (Belgium)

DOC 033 (Guidelines on IWXXM transition)

WP/14 – new version of EUR DOC 033 based on global document changes

(DMG chair)

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

WP/05 – Status of IWXXM Translation Agreements (ICAO)

WP/12 – RODB Behavior (Austria)

5. OPMET Data Monitoring results and action plans & PHP manager report

Monitoring results & following PHP actions, including

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

WP/03 – Status of Special Air-Report Implementation (ICAO)

WP/06 – Global SIGMET Headers (ICAO)

IP/05 – DMG-Monitoring-Review (Austria)

WP/10 – OPMET DB RQM Monitoring (Belgium)

WP/11 – PHP Report (UK)

Support to the new eANP

DMG support for agreed exchanged non AOP aerodromes OPMET

6. Performance indices

Volume III – MET

OPMET implementation

WP/04 – EUR eANP VOL III – OPMET Implementation Measurement Tables (ICAO)

WP/09 – ICAO OPMET Performance Update (Belgium)

Propose/create performance indices

IP/03 – Creation of new graphical web based presentation tool for SADIS availability (UK)

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);

WP/13 – NOC Moscow (RF)

RODC

ROC Back-up procedures/ contingency arrangements

London → Toulouse
Toulouse → Vienna
Vienna → London

IP/04 – DMG-Website (Austria)

8. Rapport to METG

Preparation of the DMG report to METG

Draft document sent as a base

9. EUR Documents

DOC 018 Handbook (outside IWXXM under Agenda 5)

WP/08 Final Changes to Doc. 018 (Austria)

10. SWIM

implementation plan Liaise with SWIM PT in support to the development of the SWIM

Derive implementation plan in the EUR region for MET SWIM

11. Next meetings

DMG 25 : 23 – 25 October 2018, Toulouse TBC

DMG 26 : March 2019, UK

DMG 27 : tbd

12. AOB

Agenda Item 2

Adoption of DMG23 Report

The group reviewed and approved the DMG23 report, including the comments and updates.

Actions from the previous meetings

The group reviewed the status of the actions established at the DMG23 meeting. The completed tasks were erased from the list (highlighted in yellow; see comments).

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 PHP tickets. If possible, report to DMG24 on the taken actions and the progress recorded	ROCs	DMG24
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

Agenda Item 3: Information from other groups

WP02 – Status of MET Conclusions/Decisions

C. Keohan informed the group about the status of the follow-up actions on conclusions/decisions by METG, EANPG and EANPG COG. METG/27: 3 of 6 Decisions & 6 of 7 draft Conclusions have been completed.

- TAC->IWXXM translation agreements: on-going, list periodically updated
- Dissemination of Special AIREPs: on-going (WP03)
- IWXXM implementation plan: ongoing, third update in 2019
- EUR eANP Volume III – draft MET Tables: WP presented to METG (based on WP04 & 09)
- EUR SWIM Project Team: first meeting in Sep 2018, Brussels

IP02 – PT/EAST 18 Outcomes

Mrs. Nino Gelovani, Rapporteur of PT/EAST, was invited to the DMG24 meeting, for a better coordination of the two working groups. She presented to the DMG members the outcomes of the PT/EAST 18 meeting (Astana, June 2018) that were considered relevant for the DMG activities.

- The reason for non-capturing FIR names at ROC Toulouse was identified to be a problem with the monitoring application not processing dashes in the names. That will be corrected, new results will be sent to C. Keohan before end of June and the results will be verified during the next monitoring exercises.

Based on discussions for the presented issues, the following actions were agreed:

Action DMG24-3-1: C.Keohan will verify the update of table MET II-2 and the availability of OPMET data for URRV

Action DMG24-3-2: C.Keohan will coordinate with Ukraine the usage of FIR names as declared in 7910 for UKDV, UKLV (prior check needed that apostrophe is supported)

Action DMG24-3-3: M. Pichler will check with Uzbekistan on the missing SIGMETs for UTNR, UTSD.

Regarding the 24-hour TAF for UTDD, the group was informed that Russian Federation contacted Tajikistan on the matter and a positive response was received. The Russian Federation delegates will check the status of implementation and further coordinate and report to DMG.

Action DMG24-3-4: Russian Federation delegates will inform DMG25 on the status of implementation of 24-hour TAF for UTDD by Tajikistan.

IP01 – WIFS SADIS

Matt Wagner informed the group on the actions undertaken by him (as the SADIS Gateway Manager) together with representatives of NOAA and FAA in order to align the OPMET data on SADIS and WIFS. A separate action addresses the cessation of KWBC compiled bulletins with non-US data (ensuring these data are available in their original bulletins). There was also presented to DMG a draft of a SADIS Catalogue, listing all OPMET data available through the system. It was noted that this catalogue included information related to the status of aerodromes. Therefore, it was agreed the following action:

DMG24-3-5: Matt Wagner will prepare a WP on behalf of DMG for METG to present what is currently available as a SADIS Catalogue and inform that it is available for being published. A listing of the AOP/non-AOP registered aerodromes shall be derived as well.

(C. Keohan will provide to Matt a format template of a WP for METG).

IP06 – MIE Outcomes

Patrick Simon presented to the group the main outcomes of the fourth WG-MIE meeting, including information on status of IWXXM and MET SWIM implementation, proposed reviews/updates of the related documents, etc. It was mentioned that the proposed actions need to be adopted by the METP in September.

Regarding the future implementation of the IWXXM versions, there was agreed the following:

Action DMG24-3-6: C. Keohan will contact WMO (Greg Brock) in order to obtain information on the IWXXM versioning implementation plan.

Agenda Item 5 : OPMET Monitoring Results and Action Plans

WP03 – UA Reports – corrective actions

C. Keohan presented to the group the current status of implementation. It was noted that 7 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 25th May had been performed by France and the results were presented to the group. There was noted that during the monitoring period some states produced only a very small number of special air-reports. This issue needs further investigation. There was agreed the following actions:

Action DMG24-5-1: C. Keohan will present the status of special air-reports implementation to METG and require an updated action plan. Assistance will be called from States that have the process already in place, to provide guidance on practices for the UA dissemination.

The meeting also agreed to discuss at DMG25 the status of action DMG23-3-2 status (analyse the results of the UA monitoring to check if these are registered via METNO and derive PHP tickets if needed).

WP/06 – Global SIGMET Headers

C. Keohan informed the group about the completed actions for updating the SIGMET headers listing.

Action DMG24-5-1: Each ROC will coordinate with states in their AoR to check the correct SIGMET headers used, and provide updates to C. Keohan. The listing will be updated in the Guidance section of the ICAO website and “special” METNO messages will be issued to inform on the correct headers, as needed.

IP05 – DMG Monitoring Review (Austria)

M. Pichler presented to the group actions undertaken by ROC Vienna in order to address either routing deficiencies or discrepancies between registered and monitored headers, as resulted from DMG23-5-7 & 9.

WP10 – RQM Monitoring

W. Demol presented the results of the yearly RQM monitoring exercise that took place between 13-15 May 2018. For the regular requests depicted in the results, the following actions were agreed:

Action DMG24-5-2: P. Simon will investigate with Portugal regular requests addressed to Brussels RODB.

Action DMG24-5-3: M. Wagner will check with Hong Kong (details to be provided by M. Pichler) and Ireland (details to be provided by W. Demol) on the regular requests addressed to RODB Vienna and Brussels respectively.

WP11 – PHP Report

M. Wagner as the PHP manager presented in detail the current status of the PHP service, noting the differences since last meeting. The meeting agreed that all opened tickets should be addressed individually. The tickets progress since DMG21 will be captured into the DMG report. In order to facilitate a better coordination with PT/EAST in solving the corresponding problems, it was agreed to open an account on the PHP application for the PT/EAST:

Action DMG24-5-4: Belgium will set up an account on the PHP application for PT/EAST (with read-only access), for a better coordination in solving the corresponding problems.

Regarding the issue of using mixed bulletins (AOP and non-AOP data), it was noted that there is no strong indication in the current regulations with respect to that. The meeting agreed that:

Action DMG24-5-5: P. Simon will prepare an amendment to EUR Doc 018 with respect to the good practice of having separate bulletins for AOP and non-AOP data.

Agenda Item 6 – Performance Indices

WP09 – ICAO OPMET Performance & WP04 – EUR EANP vol. III

The group was presented with the updated results of the availability and timeliness performance indices calculated over the February 2018 monitoring. In order to have a deeper understanding on the calculation process, there was investigated on selected cases that did not meet the requirements. It was agreed that PHP tickets should be initiated for all States that did not meet the availability and timeliness criteria. The meeting concluded that the process is not finalised yet, is still under development. Therefore, the results should not lead yet to including those States on the deficiencies list, but rather to initiate further investigation by each individual State in order to depict the possible cause.

Action DMG24-6-1: C. Keohan will update the draft eANP tables related to OPMET with information provided by H. Swinnen and present these tables as a draft to the METG noting that the appropriate ROC will investigate issues identified. Final endorsement of tables is expected at METG/29 based on February 2019 monitoring results.

It was agreed that, as currently there is no support in the regulations for the 1' transit times, the presented results shall be based on the 5' transit time interval. Also, the WP presented to METG should mention the identified side effects related to the calculations (e.g. 3-hourly FT TAFs, etc).

IP03 - Creation of new graphical web based presentation tool for SADIS availability

Matt Wagner offered to the group a demonstration on a new web based tool to show the SADIS availability. It was mentioned that there were still some adjustments to be made to the tool. The intention was also to make the results available for the DMG members. There were agreed the following actions:

Action DMG24-6-2: M. Wagner will inform DMG25 on the developments made to the SADIS availability presentation tool.

Action DMG24-6-3: C. Keohan will include in the WP to METG on the monitoring results that work is in progress by UK for the development of the SADIS availability presentation tool, which can be used by States in the process of identifying the deficiencies.

Agenda Item 4: IWXXM Action Plan

WP07 – IWXXM Data Update Procedure

H. Swinnen presented to the group a proposal for an amendment to the METNO procedure which will cover the announcements for IWXXM data. The proposal maintained the same general principles used for TAC data (the six METNO statements). In addition, the proposal included an automatic triggering mechanism that will be applied when only one of the two types of data are proposed to change (to consolidate the link between TAC OPMET and IWXXM data in accordance with the ICAO EUR Doc 033 rules), as in the following description:

- when changes to TAC, corresponding IWXXM have to change accordingly by METNO TAC and IWXXM statements
- when changes to IWXXM, corresponding TAC have to change accordingly by METNO IWXXM and TAC statements

If not stated in the METNO, then it will be done automatically to avoid dangling TAC or IWXXM data in the DMG data register.

There was noted by the group that an explicit agreement need to be obtained from the METG members that TAC and IWXXM bulletins should contain the same stations. It was agreed that the DMG report to METG will indicate that rule to the States, and also inform on the need to update both type of data in case of changes.

Also it was noted to remind states that the METNO proposals shall be issued via the corresponding ROC (and not directly to the FP). It will be studied if generic e-mail addresses can be created for the ROCs (e.g. roc.vienna@austrocontrol.at).

WP05 – IWXXM Translation Agreements

C. Keohan updated the group on the official replies received from States in the EUR region in response to the State Letter regarding the translation agreements. Action DMG23-4-3 says that C. Keohan will present a status report on the translation agreements to METG28, including information on the necessity that states use AMHS for IWXXM data exchange.

EUR Doc 033 - Proposed changes

P. Simon presented to the group the proposed changes to the EUR Doc 033. It was mentioned that the updated version will be presented to the next METP meeting (September 2018) and then to METG28 with the intention to be adopted by COG in October 2018.

Action DMG24-4-1: P. Simon will present a WP for METG28 with the proposed changes to the EUR Doc 033.

WP12 – RODB Behaviour

It was noted that the RODB behaviour in case of test-/non-operational messages was already addressed in the proposed changes to EUR Doc 033.

Agenda Item 7 - RODEX

WP13 – NOC Moscow

Following the action DMG23-7-1, Russian Federation informed the group about the latest changes performed by NOC Moscow in order to become compliant with the ROC requirements. These included developments related to AMHS implementation, OPMET data check / validation and IWXXM data production and international exchange. Together with previous developed documentation related to the establishment of a new ROC, these will be included into a dedicated WP to be presented to METG28. There was agreed to work in coordination between NOC Moscow, ROC Vienna, PT/EAST and States in the PT/EAST area, in order to develop the necessary implementation plan.

Action DMG24-7-1: P. Simon will present a WP to METG28 on the subject of possible establishment of a new ROC Moscow.

RODC

Algeria updated the group on the status of development of the RODC application. An on-line presentation was offered and DMG members were encouraged to open accounts and check the functionality of the application.

Action DMG24-7-2: M. Mezred will provide to the DMG members the necessary credentials for accessing the RODC application. The DMG members will verify the functionality of the application and will provide to M. Mezred comments, remarks and suggestions by DMG25.

It was noted that after the principles and functionalities are well defined, the group could start testing the application.

IP04 - DMG Website

M. Pichler presented to the group a number of planned/proposed changes to the DMG website (hosted by Austrocontrol). These included implementation of a FAQ web page, for which support /suggestions were requested from the DMG members.

Agenda Item 9 – EUR Documents

WP08 - Final changes to EUR Doc 018

Following action DMG23-7-4, M. Pichler presented to the group the final version of the EUR Doc 018 as resulted after receiving feed-back from the group members. The open issues were presented, discussed in detail and agreed by the meeting.

It was agreed that the document should not contain references to the WMO GTS network. Being an ICAO document, it should only refer to the agreed communication means (AFS).

Regarding an issue related to wrong coded SIGMETs from Brasilia, it was agreed the following:

Action DMG24-9-1: H. Swinnen will provide to C. Keohan samples of wrong coded SIGMET messages from Brasilia in order to be addressed to the corresponding ICAO office.

Regarding the monitoring procedure, it was questioned whether this should be updated to cover also specific aspects related to AMHS. It was agreed that:

Action DMG24-9-2: H. Swinnen will present to DMG25 a WP on specific aspects related to the real-time monitoring of OPMET data on AMHS.

Action DMG24-9-2a: H. Swinnen will update the Appendix B (METNO Procedure) and the Appendix F (Performance Indices) of EUR Doc 018.

Regarding to changes introduced by Amendment 78 with respect to the usage of test/exercise status in SIGMET/AIRMET messages, it was mentioned that EUR Doc 014 needs to be updated accordingly. As there will be other changes proposed in a WP by the SIGMET ad-hoc group, it was considered not to present a separate WP, but to merge the proposals within same WP.

Action DMG24-9-3: C. Keohan will coordinate with the SIGMET ad-hoc team to include provisions related to usage of test / exercise for SIGMET/AIRMET messages into the WP addressing EUR Doc 014 proposed changes for METG/29 as this part of Amendment 78 to Annex 3 is applicable in November 2019.

The EUR Doc 018 should be updated accordingly to include the message status (SIGMET/AIRMET, VAA) provisions in the annex related to the monitoring procedure.

Agenda Item 12: Next DMG Meetings

Dates and location of the next meetings

DMG25: 16-18 October 2018, Toulouse

DMG26: 12-14 March 2019, UK

DMG27: 04-06 June 2019, Copenhagen

Agenda Item 8: Report to METG28

There were identified the WP that need to be presented to METG28 on behalf of DMG:

- Special Air-Reports Implementation Status
- OPMET Performance (eANP vol. III)
- NOC Moscow
- Problem Handling Procedure
- EUR Doc 033 proposed changes
- EUR Doc 018 proposed changes
- AOP/non-AOP aerodromes list

Agenda Item 13: Any Other Business

H. Swinnen asked details on the dates when the ICAO documents will be available. C. Keohan informed that the September version of the eANP tables and 7910 will be made available by December 2018.

M. Wagner informed the group members that he was approached by representatives from NAT region related to implementation of METNO exchange. It was agreed that M. Wagner and H. Swinnen will provide the necessary information in this respect.

W. Demol informed the group that currently the decision to stop using Lotus Notes, decision that could have an effect on the PHP application hosted by Belgocontrol, was not yet decided at Belgocontrol. Related information on this subject will be presented to DMG as soon as become available.

L. Brojboiu informed that a test bilateral exchange of IWXXM data with ROC Vienna is in place since May 2018.

P. Simon informed the group that a FTP link was established between ROCs Vienna and Toulouse for exchanging the same RODEX data as via AMHS (for back-up purposes).

List of actions resulted after DMG24

Ag. Item/BMG	Action item	Responsible	Target date
	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
DMG22-8-1	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		
DMG23-4-3	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
DMG23-5-2	PHP Manager will derive PHP tickets per states for the differences recorded between used FIR Names and those declared in 7910	M. Wagner	DMG24
DMG23-5-4	Contact the centres in their AoR, asking to review their list of requested warning data	M. Pichler	DMG24
DMG23-5-5	Use the package TT_EANP_Req_NOT_RX to derive tickets for missing data, for each ROC	M. Wagner	DMG24
DMG23-5-7	Investigate workpackage ROC_Misrouted_or_Duplicated in order to depict duplication and will take corrective actions, either by solving the routing directly or issuing PHP tickets. If possible, report to DMG24 on the taken actions and the progress recorded	ROCs	DMG24
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
DMG23-7-3	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
	DMG24		
DMG24-3-1	Verify the update of table MET II-2 and the availability of OPMET data for URRV	C. Keohan	DMG25
DMG24-3-2	Coordinate with Ukraine the usage of FIR names as declared in 7910 for UKDV, UKLV (prior check needed that apostrophe is supported)	C. Keohan	DMG25
DMG24-3-3	Check with Uzbekistan on the missing SIGMETs for UTNR, UTSD	M. Pichler	DMG25
DMG24-3-4	Inform DMG25 on the status of implementation of 24-hour TAF for UTDD by Tajikistan	Russian Federation	DMG25
DMG24-3-5	WP on behalf of DMG for METG to present what is currently available as a SADIS Catalogue and inform that	M. Wagner	METG28

	is available for being published. A listing of the AOP/non-AOP registered aerodromes shall be derived as well		
DMG24-3-6	Contact WMO (Greg Brock) in order to obtain information on the IWXXM versioning implementation plan	C. Keohan	DMG25
DMG24-5-1	WP on status of special air-reports implementation to METG and require an updated action plan. Assistance will be called from States that have the process already in place, to provide guidance on practices for the UA dissemination	C. Keohan	METG28
DMG24-5-2	Investigate with Portugal regular requests addressed to Brussels RODB	P. Simon	DMG25
DMG24-5-3	Check with Hong Kong (details to be provided by M. Pichler) and Ireland (details to be provided by W. Demol) on the regular requests addressed to RODB Vienna and Brussels respectively	M. Wagner	DMG25
DMG24-5-4	Set up an account on the PHP application for PT/EAST(with read-only access), for a better coordination in solving the corresponding problems	Belgium	DMG25
DMG24-5-5	Prepare an amendment to EUR Doc 018 with respect to the good practice of having separate bulletins for AOP and non-AOP data	P. Simon	DMG25 /METG28?
DMG24-6-1	Update the draft tables (OPMET performance) with information in WP04 (Herman) and present to METG for endorsement	C. Keohan	METG28
DMG24-6-2	Inform on the developments made to the SADIS availability presentation tool.	M. Wagner	DMG25
DMG24-6-3	Include in the WP to METG on the monitoring results that work is in progress by UK for the development of the SADIS availability presentation tool, which can be used by States in the process of identifying the deficiencies.	C. Keohan	METG28
DMG24-4-1	WP for METG28 with the proposed changes to the EUR Doc 033	P. Simon	METG28
DMG24-7-1	WP to METG28 on the subject of possible establishment of a new ROC Moscow.	M. Pichler P. Simon Russian Federation PT/EAST	Aug 2018
DMG24-7-2	Provide credentials for accessing the RODC application. Verify the functionality of the application and provide to M. Mezred comments, remarks and suggestions	M. Mezred DMG Members	DMG25
DMG24-9-1	HS will provide to CK samples of wrong coded SIGMET messages from Brasilia in order to be addressed to the corresponding ICAO office	H. Swinnen C.Keohan	DMG25
DMG24-9-2	WP on specific aspects related to the real-time monitoring of OPMET data on AMHS		DMG25
DMG24-9-3	Include provisions related to usage of test / exercise for SIGMET/AIRMET messages into the WP addressing EUR Doc 014 proposed changes	C. Keohan	METG28