REPORT OF THE DATA MANAGEMENT GROUP

TWENTYSECOND MEETING

(Cluj Napoca, 24-26 October 2017)

The twenty-second meeting of the Data Management Group was held from 24 to 26 October 2017 in the premises of ROMATSA – DSNA Cluj, 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. Jason WATTS	United Kingdom
Mr. Matt 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**	**DMG22 WP01 - Agenda**
2.	**Approval of the DMG 19 report**	**DMG22 WP02 – Report of DMG21**
3.	**Actions from previous meeting**	**DMG22 WP02 – DMG21 action list**
4.	**Information from other groups** **ICAO** EUR EANPG, COG METG AFSG, AFSP/PG VA Coordination with other regions Global Groups WG-MIE MOG/SADIS **WMO** TT AvXML	**WP07 (Austria)**
5.	**IWXXM Action Plan** Actions and coordination to be done for the next year - ROC plans	**IP01 (Autria)**

	- RODBs plans - Other regions - testing AMHS <u>Review State letter relating to translation centre agreements</u>	**WP11 (Belgium)**
6.	**OPMET Data Monitoring results and action plans & PHP manager report** <u>Monitoring results & following PHP actions, including</u> New PHP manager (as Graham not more member) Systematically wrong formatted/coded OPMET data Routing problems Missing data Consolidated set of timers values Special AIREP monitoring <u>Support to the new eANP</u> <u>DMG support for agreed exchanged non AOP aerodromes OPMET</u> <u>Volume III – MET</u> SIGMET, AIRMET implementation Other OPMET implementation	**WP05 (Austria)** **WP06 (Austria)** **WP10 (Belgium)** **WP03 (ICAO Sec)** **WP04 (ICAO Sec)**
7.	**Performance indices** Propose/create performance indices	**WP12 (Belgium)**
8.	**RODEX** **<u>Possible creation of a 4th ROC</u>** - 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); **<u>RODC</u>** **<u>ROC Back-up procedures/ contingency arrangements</u>** London → Toulouse Toulouse → Vienna Vienna → London	**WP09 (UK)**

9.	**EUR Documents** DOC 018 Handbook DOC 033 CONOPS on XML	**IP02 (Denmark)** **WP08 (Austria)**
10	**Next meetings** DMG23: 13-15 March 2018, Algeria, exact location to be confirmed DMG24: June 2018, Vienna, DMG25: TBD	
11	**AOB**	

Agenda Item 2: Adoption of DMG22 Report

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

Agenda Item 3: Actions from the previous meeting

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 DMG21

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
	DMG17		
DMG17-4-4	Cross-check the SIGMET headers database provided by ICAO with the results of a 3 month monitoring period	P. Simon C. Keohan	DMG18
	DMG18		
DMG 18-6-1	Investigate on the RQM coming from Portugal	P. Simon	DMG19
	DMG19		
DMG19-5-5	Derive statistics regarding the IWXXM traffic volumes during the peak hours - present an IP.	P. Simon	DMG20
DMG19-6-6	Inform METG that the requirement for TAF availability 30min before validity is not present anymore in the ANP and ask for guidance on the matter	P. Simon	METG
	DMG20		
DMG20-3-1	Perform a new monitoring regarding the SPECIAL AIREP used and present the results to METG in order to take action	P. Simon	METG27
DMG20-6-6	The 3 ROCs will check the workbooks with the monitoring results from the Feb 2017 monitoring to depict the routing deficiencies, and in particular with respect to the METNO procedure.	ROCs	DMG21

DMG20-6-12	Re-do a monitoring of SIGMET messages for a period of 5 months and compare with the existing results already provided in WP03 – App. D.	P. Simon	DMG21
	DMG21		
DMG21-4-1	Formal invitation to Mrs. Nino Gelovani to participate to DMG23 meeting	P. Simon	DMG22
DMG20-5-1	Filter the list of differences recorded for IWXXM translated messages in order to capture the ones related to the meteorological content and clarification from WMO is necessary. Forward the list to the IWXXM Google group for discussion	M.Pichler W. Demol	DMG22
DMG21-5-2	The DMG Report to METG will include a mention stating the current capabilities of ROC London to route IWXXM data. There should also be mentioned the agreement reached for the addresses to be used and that Belgium already implemented the addressing	P. Simon	METG27
DMG 21-5-3	The RODEX distribution tables shall be updated and presented to METG in a working (or information) paper. There should also be mentioned that a graphical representation is under construction and can be accessed using the link on the DMG website	M. Pichler	METG27
DMG21-6-1	Release the new version of the PHP application and to update its corresponding manual	Belgium	DMG22
DMG21-6-2	Provide the results of the TAF timer monitoring to the corresponding colleagues from other ICAO regions for consideration	C. Keohan	DMG22
DMG21-6-3	The TAF timers monitoring results will be included in the DMG report and presented to METG	P. Simon	METG27
DMG21-6-4	Verify whether UKLVYMYV (Lviv, Ukraine) is still requesting data.	M. Pichler	DMG22
DMG21-6-5	Investigate the requests coming from Kyrgyzstan. M. Pichler will provide to NOC Moscow the list of location indicators requested together with the headers of the corresponding bulletins, in order to address the regular routing of these to Kyrgyzstan	ROC Vienna NOC Moscow	DMG22
DMG21-6-6	Prepare a WP for METG with the proposal to reduce the EUR OPMET monitoring exercises to one per year. P. Moller Jensen will prepare the corresponding update (with track-changes) of the EUR Doc 018	W. Demol H. Swinnen P.M.Jensen	METG27
DMG21-6-7	The monitoring results will be forwarded to C. Keohan to populate the proposed implementation tables. C. Keohan will prepare a WP for METG presenting the principles and structure of the tables developed in agreement with DMG for further endorsement	C. Keohan	METG27
DMG21-7-1	A proposal for the value of 1 min for the transit time in EUR should be presented to METG for approval and insertion in Eur Doc 18	P. Simon	METG27
DMG21-8-0	After receiving the routing tables together with the Feb 2017 OPMET monitoring results, M. Mezred will present an updated version of the RODC application including the dynamic catalogue	M. Mezred	DMG22
DMG21-8-1	Prepare a clean version of the backup procedure (with changes incorporated) and send it to P. Simon. Comments and update of figures are expected till mid July and final version will be sent to P. Moller Jensen to be included in the new version of Eur Doc 18	M. Pichler P. Simon P.M.Jensen	METG27

DMG21-8-2	Prepare a WP for METG/27 with the proposal for a possible new ROC	P. Simon Russian Fed.	METG27
DMG21-13-1	Provide samples of non-scheduled data monitoring results for checking format.	L. Brojboiu H. Swinnen	DMG22
DMG21-13-2	Derive a list of agreed non-AOP aerodromes (based on the WP05 from DMG20) ~~and present the list as part of the DMG report to METG~~	P. Simon	METG/27

Regarding action DMG21-8-0, it was mentioned that France has already provided the routing table. For uniformity and to facilitate an easy assimilation, it was considered useful that the routing tables from ROC Vienna and ROC London be provided into the same format (csv). M. Mezred mentioned that another table would be needed, to be used in order to address the correspondence AFTN address – country. Therefore, the following actions were concluded:

Action 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.

Action DMG22-3-2: Once the routing tables are available, M. Mezred will work together with P. Simon to harmonize the information and check for consistency between the three tables.

With regard to the list of agreed non-AOP aerodromes, it was mentioned that the principle was presented to METG and agreed. Consequently, DMG21-13-2 will be replaced by new action

Agenda Item 4: Information from other groups

Interregional APAC/EUR/MID SWIM Workshop
C. Keohan presented to the group a summary of the subjects addressed by the Interregional SWIM Workshop that took place at EUROCONTROL premises in Brussels (2-4 Oct 2017).
The DMG members accorded particular attention to the proposed action for the establishment of the SWIM Project Team. It was considered useful that appropriate representation from DMG and AFSG will be ensured.

WP03 – METG/27 Outcomes
C. Keohan presented the outcomes of the METG/27 meeting (19 – 22 Sep 2017, Paris). The covered issues included: EUR Doc 014 updates, SIGMET Guide Ad-hoc group, SPECIAL AIR Reports – Corrective action plans, OPMET Monitoring exercises – one per year in February, publication of revised EUR Doc 033, MET Deficiencies, METG ToR and Future work Programme.

WP07 – ASIA/PAC SIGMET Monitoring
M. Pichler informed the group about the SIGMET Monitoring exercise planned to take part in the ASIA/PAC region. There were also presented the actions asked for by the ICAO office Bangkok. It was mentioned that the invitation was already sent to States and is expected that the actions will be responded accordingly. The ROCs and RODBs will submit their monitoring results at the end of the exercise.

Global Groups: WG-MIE
P. Simon presented to the group information from WG-MIE related to IWXXM implementation. There were enumerated the corresponding work streams (1. IWXXM Requirements; 2. MET SWIM Plan; 3. IWXXM Documentation). It was agreed that P. Simon will present additional information at DMG23 in order to support the process of updating the requirements related to IWXXM specifications.

Agenda Item 5: IWXXM Action Plan

C. Keohan presented to the group the work programme of the EUR DMG and the future work programme of the PT/EAST.

IP01 – Provision of Austrian IWXXM Data

M. Pichler informed the group that starting 9 Nov 2017 (next AIRAC date) the provision of Austrian IWXXM data will be activated. Starting the same date, RODB Vienna will be able to respond to IWXXM data requests and both changes will be announced by corresponding METNO messages.

WP11 – AFS TAC / IWXXM Data Volumes
H. Swinnen presented to the group the conclusions of an analysis performed at EBBR for estimating the IWXXM data volumes. Detailed results recorded during the September 2017 TAC monitoring were presented. In addition, as EBBR started producing IWXXM data in July 2017, a comparison was made between the TAC and the IWXXM versions of the Belgian data, resulting in a ratio factor of 6 (IWXXM/TAC). As TAC data are in general longer in other parts of the continent, it was considered that a ratio factor of 10 should be considered instead. It was agreed to present to AFSG the concern related to the increase of the data volume once IWXXM will be circulated.

Action DMG22-5-1: P. Simon (assisted by H. Swinnen and P.Jensen) will 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.

State Letter related to translation centre agreements
The DMG group revised the content of the State Letter. It was considered beneficial to include a template for the form that States will use in order to request the translation service to their associated ROC. During the meeting, the request form was finalised and thus the ICAO Office informed that the State Letter will be distributed by the end of November 2017.

Agenda Item 6 – OPMET Data Monitoring Results and Action Plans & PHP Report

The group discussed the need to replace the PHP manager after G. Easthope announcement of withdrawing from the group due to another assignment in his organisation. The UK representative Matthew Wagner was proposed to take over the PHP manager position. DMG members and M. Wagner agreed on this proposal and the following actions were agreed:

Action DMG22-6-1: Belgium will set-up a new account and provide the corresponding credentials to M. Wagner.

Action DMG22-6-2: H. Swinnen and M. Wagner will work together to ensure a smooth transition for the management of the PHP application, with particular attention to addressing the existing open tickets.

WP05 – OPMET Monitoring Procedure
M. Pichler presented to the group a review of the OPMET Monitoring Procedure with respect to the introduction of IWXXM data and AMHS exchange. It was considered that currently there is no obligation to perform IWXXM data monitoring. Nevertheless, in a pro-active manner, that should be part of the plan to implement the IWXXM data exchange. The following actions were concluded:

Action DMG22-6-3: H. Swinnen will work together with P. Simon to review the EUR DOC 018 App. C & D in regard to necessary changes due to the IWXXM and the usage of ext. AMHS.

Action DMG22-6-4: H. Swinnen, M. Pichler and P. Simon will review the table corresponding to OPMET Monitoring exercise schedule (par. 8.1 in App. C) to make it more explicit.

Action DMG22-6-5: M. Pichler and C. Keohan will work on a proposal for rewording Chap. 9 and to replace the Warning Monitoring invitation letter (App. C chap. 10) with either a link to the DMG website or an attachment (to be easily updated in the future). (which document is this referring to?)

EUR Doc 18

The DMG members discussed on some issues related to the process of updating the OPMET Management Handbook (ver. number, etc). The following action was agreed:

Action DMG22-6-6: M. Pichler and P. M. Jensen will present next DMG a proposal for the update process of EUR Doc. 18.

WP06 – Warning Monitoring

M. Pichler informed the DMG members about the results of the Warning Monitoring exercise that had taken place on 6 and 7 Sep 2017. There were noted headers which were monitored but were in contradiction to those in the list of SPECIAL AIREP Headers. It was noted that a (more) up-to-date listing is available in the MET Guidance section of the ICAO Paris website. For Finland, Israel and Moldova the issue was already clarified while for the others further investigation is needed.

Action DMG22-6-7: C. Keohan will update the entries for FI, IS and MD (and possibly Morocco – to be confirmed) in the list of SPECIAL AIREP headers.

Action DMG22-6-8: ROCs will investigate with states in their AoR on what are the correct SP AIREP headers and take measures accordingly.

In order to address the routing deficiencies, the results were provided in separate sheets per ROC. The following action was agreed:

Action DMG22-6-9: The ROCs will investigate the corresponding warning monitoring results and take corrective actions to update the routing tables by the end of Nov 2017.

P. Simon informed that the SPECIAL AIREP results from France were omitted by mistake and those would be provided in short time.

WP10 – OPMET Monitoring

H. Swinnen as the DMG Focal Point presented to the group the work packages resulted from the September 2017 OPMET monitoring. As presented in ch. 3.6, there were recorded location indicators which were not in 7910 nor in the AOP list.

Action 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.

Regarding work package presented in ch. 3.7 which addresses data monitored but not registered through the update procedure, or data registere but not monitored, the following action was concluded:

Action DMG22-6-11: ROCs London and Toulouse will work together to address with States in their AoR the data monitored but not registered and data registered but not monitored, by the end of January 2018.

Action DMG22-6-12: Regarding problems highlighted for data availability, the 3 ROCs will investigate on the missing AOP airports and derive PHP tickets.

METNO Update Procedure
The group brought into discussion the situation with a request expressed in an already published METNO message, to withdraw data for URMM. As these data are still in the requirements (eANP Table Met 2.2), the group agreed that a correction message needed to be published in order to decline the request.

Action DMG22-6-13: H. Swinnen will issue a correction METNO message declining the request of withdrawal of URMM.

The DMG members considered that in the future a closer cooperation between the DMG Focal Point and the corresponding ROC should take place in the process of evaluating the incoming requests, in coordination with ICAO EUR regional office, as necessary.

WP03 – Global SIGMET Headers
C. Keohan presented to the group a list of actions derived for the inconsistencies related to SIGMET headers monitored vs. headers in the regional guidance, based on the results of a 5 month monitoring period (provided by P. Simon). The group agreed that information regarding the headers published by the METNO update procedure shall be updated and added to the table in App. A of the paper.

Action DMG22-6-14: H. Swinnen will provide to the ROCs an updated listing of SIGMET headers registered through the METNO procedure.

Action 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.

WP04 – eANP Vol. III Tables
C. Keohan recalled that METG endorsed the following implementation tables related to OPMET as part of measuring ASBU Block 0 for MET:

- OPMET Availability (METAR and TAF)
- OPMET Timeliness (METAR and TAF)
- SIGMET Availability

The group agreed to work on populating the tables with data based on the next OPMET monitoring exercise (February 2018).

Action DMG22-6-16: H. Swinnen and C. Keohan will prepare a first attempt of populating the availability and timeliness tables, based on Feb 2018 results and present those to DMG23 or 24.

Action DMG22-6-17: P. Simon will send to C. Keohan the results of a 5-month monitoring period on the SIGMET messages by 1 February 2018 in order to populate the SIGMET Availability table preferably by DMG/23.

The group agreed that regarding timeliness, calculations shall still be done for a corresponding transit time of 5 minutes, waiting for a final approval from METG/28 to produce as well indices for an agreed 1 mn transit time within the EUR region (monitored by ROCs & RODBs).

Agenda Item 7 – Performance Indices

WP12 – ICAO OPMET Performance
H. Swinnen presented the process of determining the ICAO EUR OPMET Performance Indices, followed by the results determined for the September 2017 monitoring. Some issues were discussed by the group members, in particular related to airport declared in eANP as partially open and also to situations where calculations lead to availability indices exceeding 100%.There was

mentioned that no duplications, corrections or amendments were to be taken into consideration when deriving the indices, as agreed by METG. The following action was concluded:

Action 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 (for 1 and 5 mn transit time).

Agenda Item 8 – RODEX

WP09 – Italian MET Connectivity
M. Wagner presented to the group a proposal coming from the Italian MET service to UK in order to establish a backup link to SADIS through a GTS connection with UKMO. The group agreed on the conclusion that such a request was not opportune or acceptable since AFS is the ICAO agreed distribution support for OPMET data and the current ICAO RODEX schema ensures proper distribution of OPMET data.

IP03 – Change of TAF Bulletins in Denmark
P.M. Jensen presented the change in the FT bulletins originated by Denmark, in order to separate OPMET data from AOP and non-AOP aerodromes.
There was considered that further investigation was needed in order to identify such situations for other EUR OPMET bulletins and address them individually. In support of this action, the Work Package “OPMET Bulls Routine eANP” from the monitoring results could be used.

Action DMG22-8-1: The ROCs will identify situations were bulletins from their AoR contain mixed AOP and non-AOP aerodromes and derive PHP tickets by the end of November 2017.

RODC Application
With respect to the progress on the RODC application, the actions DMG22-3-1 and DMG22-3-2 concluded earlier during the meeting were recalled.

ROC Back-up Procedure
Regarding the implementation of the procedure in France, P. Simon informed the group that some preliminary actions need to be undertaken at national level with the national AFS Centre (DSNA, French ANSP). M. Pichler mentioned that work is in progress for the implementation of a regular testing mechanism for the back-up procedure. The following actions were concluded accordingly:

Action DMG22-8-2: P. Simon will clarify with the National AMHS Centre the issues related to the implementation of the backup procedure (responsibilities, time schedule, etc) before next DMG meeting.

Action DMG22-8-3: M. Pichler will work on finalising a mechanism for regular testing of the backup procedure.

Agenda Item 9 – EUR Documents

WP08 - New DMG Website
M. Pichler presented a live demonstration of the capabilities offered by a new version of the DMG website (hosted by Austrocontrol). There were pointed differences related to the layout, compact presentation of information, introduction of new information related to distribution determination, IWXXM implementation process or PHP application access inside an iframe. The group members were asked to analyse the new version and comment or come with proposals if necessary.

Action DMG22-9-1: DMG members will check and test the beta version of the DMG website and present comments/proposals to M. Pichler by the next DMG.

There was also agreed to consider the possibility to include in the ICAO portal a link to the DMG website and this will be investigated by C. Keohan.

Regarding the list of IWXXM SIGMET headers, it was agreed that during the next period the list will be updated very often such that is was not considered feasible to keep the list in the EUR Doc 014 anymore, as a new version is only accepted by EANPG each year after each METG meeting and because the maintenance of this list is already governed by the METNO procedure.

Action DMG22-9-2: W. Demol will 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.

IP02 – Change of FIR Name in Greenland
P.M.Jensen informed the group that starting from 1st of March 2018 the Greenlandic FIR name will be changed to: “NUUK FIR”. This will also be updated in the Doc 7910.

Agenda Item 5 - continued

B1 – AMET Implementation - IWXXM
C. Keohan presented the regional activities resulted following the Interregional APAC/EUR/MID Workshop on ‘service improvement through integration of AIM, MET and ATM information’. There were presented the IWXXM schema version update roadmap, the regional documents updates and the planned future events. There were also presented the updated results of the EUR IWXXM Survey.

C. Keohan informed the group on the presentation “Steps towards IWXXM implementation” for the ROC/IWXXM Implementation Workshop, Cairo/12-13 Nov 2017. Presented were detailed requirements from each of the involved actors: Aeronautical MET Provider, NOC, National AMHS Centre, ROC/IROG, RODB. Also presented was a comprehensive diagram with flow of data and all the associated requirements from the involved entities. The DMG members considered that starting from this diagram, all necessary requirements should be addressed by individual work packages for every ROC, in order to gather the information related to the status of implementation from states in their area of responsibility. A common template to be used for this purpose was to be agreed by the DMG members. There was also considered that a similar work package be opened for each ROC regarding the interregional OPMET exchange.

Agenda Item 8 - Continued

Proposal for a possible new ROC for some PT/East states
The group members took note on the METG/27 decision related to possible creation of a new ROC and recalled that a number of prerequisites were needed, including: establishing of AFS links with the other 3 ROCs, deriving a plan for implementation, implementation of the addressing schema and of a back-up procedure, examination of respect of DOC018 elements and Regional Air navigation plan procedures . With regard to the implementation plan, M. Pichler considered that the previous plan for transition from MOTNE to ROCs could be used as a model and offered to find that plan and provide it for being updated to this case.

In support of this process, it was considered necessary to identify all the requirements for a ROC, as resulting from EUR Doc 018, derive the necessary steps and prioritise them for implementation by ROC Moscow.

Action DMG22-8-4: W.Demol and M. Wagner will 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.

There was considered also that following the possible implementation of a new ROC, the corresponding documentation needed to be updated. The following action was agreed:

Action DMG22-8-5: M.Pichler and P.M.Jensen will identify what would be needed to be updated in the corresponding documentation with respect to establishing a new ROC and present a paper to DMG23, if the proposal would be agreed by METG/28.

Regarding the process to define a corresponding area of responsibility for the possible new ROC in Moscow, P. Simon and C. Keohan will reflect on the proposed process for States to be under the jurisdiction of ROC Moscow, as following METG requirement.

Agenda Item 12: Next DMG Meetings

Dates and location of the next meetings

DMG23: 13-15 March 2018, Algeria

DMG24: 19-21 June 2018, Vienna

DMG25: October 2018, Toulouse (alt: UK).

Agenda Item 13: Any Other Business

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 Chap. 9 and to replace the Warning Monitoring invitation letter (App. C chap. 10) with either a link to the DMG website or an attachment (see comment in main doc)	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	DMG23/ 24
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 were 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