

DMG34 Notes

19-21.10.2021

The DMG34 was held virtually from 19 to 21th October 2021. The meeting was attended by the following members:

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

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

1. Approval of the Agenda

[WP01 – Agenda \(Chair\)](#)

2. Approval of the DMG 33 report & Actions from previous meetings

Draft Report DMG33 & DMG33 actions list

[Status of the actions resulting from DMG/33 \(DMG Sec\)](#)

3. Election of a new chair for DMG/35

[Procedure for the election of a new DMG chair](#)

[Opportunity to enlarge DMG membership](#)

4. Information from other groups

ICAO

EUR:

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

[New DMG work-program adopted by METG/31 \(METG/31 Appendix M\)](#)

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

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

[ICAO brief on VOLCEX21 Preparatory Workshop \(5-6 Oct 2021, Reykjavik in hybrid mode\)](#)

Global Groups

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

WMO, TT AvData

EASA & EU

WP02 - EASA activities.(Belgium)

5. IWXXM action plan

Consider development of implementation table based on information from METNO.

IWXXM Actions and coordination

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

Status of IWXXM implementation in the EUR region

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

IP02 IWXXM production in AoR of ROC London (UK)

DOC 014 (EUR AIRMET and SIGMET Guide) & IWXXM

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

DOC 018 (EUR OPMET Handbook) & IWXXM

WP04 - METNO-Procedure Improvement (Austria)

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

6. OPMET Data Monitoring results, action plans & PHP

Monitoring of OPMET data.

WP03 - Tracing EBBR AMHS missing eANP Routine OPMET Data (Belgium)

PHP actions or action plans for AOP aerodrome OPMET data

Systematically wrong formatted/coded OPMET data

TC SIGMET

SWXA

IWXXM monitoring

PHP: IWXXM errors categories in PHP

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

7. Performance indices & Volume III – MET OPMET implementation

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

State Performance monitoring leading possibly to a deficiency

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

8. RODEX

WP06 ROC London Routing (UK)

ROC Moscow implementation

Remaining actions of ROC Moscow and its Area of Responsibility.

WP05 - Status ROC Moscow (Austria)

ROC Back-up procedures/ contingency arrangements

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

Coordination with other regions

AMHS I/R Gateways and links

RODC

WP07_RODC_sas (Algeria)

9. EUR Documents (outside IWXXM elements)

DOC 014 EUR SIGMET & AIRMET guide

DOC 018 EUR OPMET data Management Handbook

10. SWIM

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

EUR SWIM Plan

- ROC plans

- RODBs plans

SWIM services for EUR RODBs

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

11. Next meetings

DMG 35: March 2022 (virtual – OR - location to be decided)

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

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

12. Any Other Business

IP01 JERSEY CCCC (UK)

Agenda Item 1: Adoption of the Agenda

The group agreed upon the final form of the agenda, including the papers to be presented under each agenda item.

Agenda Item 2: Actions from previous meetings

The group analysed the status of the actions resulted from the previous meetings. The following table contains the updated situation as resulted after discussions.

Actions from previous meetings
(actions highlighted are considered completed)

Id	Action	Responsible	Target date	Resolution / Comments
DMG30-7-1	Check SIGMETs for Uzbekistan (Nukus)	Russian Federation	DMG33	C. K. checked the eEANP and Nukus FIR is valid.
DMG30-11-5	Present a WP to the next meeting of AST Task Force informing on the requirement of using AFS for OPMET data exchange	P. Simon	DMG34	In coordination with C.K.
DMG30-11-6	Review the back-up procedure and test in 2021	ROCs	METG31	Testing impossible this year due to current situation (difficult access to operational systems). Postponed for 2022. Status will be included into the DMG report to METG
DMG30-8-2	Contact Turkmenistan in order to obtain an answer on what ROC area of responsibilities was chosen	C. Keohan Russian Federation	DMG31	New contacts available, potential better responsiveness.
	DMG31			
DMG31-6-1	Check the current status of their corresponding PHP tickets	All 4 ROCs	DMG33	Work Packages available

DMG31-4-1	Get information from States in their AoR regarding usage / planned usage of AMHS/FTBP for the exchange of IWXXM data	ROCs	on-going	Italy - summer 2021
DMG31-4-2	Inform States that do not use or plan to use AMHS for the exchange of IWXXM data that translation by the corresponding ROC can be used (as an alternative for filing a difference) - for a limited period.	M. Pichler C. Keohan M. Wagner ROCs	METG31	WP11 for METG31
DMG32				
DMG32-3-1	Provide a WP to DMG33 regarding updates needed to Doc 10033	P. Simon (M. Wagner)	DMG33	
DMG32-4-2	Investigate for their AoR the inconsistencies between TAC bulletins and IWXXM and, except for justified reasons, try to align the content of the bulletins and in any circumstance announce through the METNO procedure	4 ROCs	DMG33	Patrick was in contact with Italy, solving of problems expected by the end of this year. WPkg from DMG32 WP12. Report to DMG34
DMG32-5-2	Contact IROGs to inform about the EUR TC Sigmet test	EUR IROGs	April 2021	Distributed, but need to be checked. Also for the next exercises.
DMG32-5-4	Investigate the routing for the APAC messages (FK, WC, FV, WV, WS), as per the results provided in 2.2 of WP05. Report to DMG33.	ROCs	April 2021	

DMG32-5-7	Check the warning headers (e.g. Turkey) in the database and, if necessary, ensure the headers are communicated via METNO	M. Pichler		
DMG32-5-10	Identify problems related to differences between WIFS & SADIS	P. Simon M. Wagner	DMG33	Differences even growing, due to CCCCs containing digits which are not distributed on SADIS.
DMG32-5-12	WP related to revision of the VAA distribution policy (with intention to present to METG/31)	M. Pichler C. Keohan	DMG35	Draft paper discussed @DMG35 with intention to present that @METG32
DMG32-6-1	Investigate the Performance Indices tables and inform States that do not perform well	4 ROCs	DMG33	London, Vienna completed. (system clock updated) (Berlin was still monitored although closed)
DMG32-7-1	Coordinate by email on the AMHS addresses to be used for OPMET data exchange.	4 ROCs		
DMG32-10-1	IP on the implementation of HTTP request / reply services at Meteo France	P. Simon L. Marty	DMG34	
	DMG33			
DMG33-4-1	Proposal to the Rapporteur of the SIGMET ad-hoc group, with regard to provisions of EUR Doc 014 on reporting order of polygon nodes	W. Demol (C. Keohan)	METG31	

DMG33-4-2	Inform B.L. Choy that the examples for IWXXM SIGMETs provided on the WMO website are wrong (use clockwise order).	P. Simon	METG31	
DMG33-5-1	Investigate whether missing data from their AoR is still missing and take the necessary actions.	ROC Moscow ROC Toulouse ROC Vienna	DMG35	Based on the missing data listed in Att to DMG33 WP09.
DMG33-5-2	Check the routing of FK / WC bulletins indicated as not received by the States in their AoR	ROCs	end June 2021	Bi-lateral tests with the corresponding NOCs may be performed. The results will be sent to MP
DMG33-5-3	WP for METG31 on TC Advisories and Warnings	M. Pichler (C. Keohan)	mid July	WP06 to METG31
DMG-33-5-4	Work on establishing the principles and format for deriving the Catalogue	H. Swinnen M. Wagner (P. Simon)	DMG34	First draft. Intention to have it ready at DMG35.
DMG33-7-1	Provide headers that will be transmitted to ROC Moscow	ROC London ROC Toulouse	Transition date (tbd)	Lists of headers need to be updated.
DMG33-8-1	Provide feed-back on Doc 018 updates	DMG members	end June	Consolidated version will be transmitted to C. Keohan

Action DMG30-11-6 - RODEX Back-up Procedure: closed. New action:

Action DMG34-2-1: M. Pichler will present an updated paper at DMG34 on the RODEX Back-up Procedure and a new action will be planned for testing the procedure.

Action DMG30-8-2 Turkmenistan : ROC Moscow received information from Turkmengidromet that their response to the ICAO State Letter was submitted to the Ministry of Foreign Affairs of Turkmenistan for approval. If necessary, a new action will be derived for ensuring the transfer of Turkmenistan from ROC Vienna to ROC Moscow.

Action DMG31-6-1: A new account was created for V. Dupont, credentials will be provided soon. PS tickets will be re-assigned to V. Dupont.

V.Dupont will address the PHP tickets assigned to him.

Action DMG31-4-1: closed. New action:

Action DMG34-2-2: CK and MP will present a new paper at DMG35 with an updated overview of the IWXXM implementation.

Action DMG32-4-2: Closed. HS provided during the meeting the current listing of inconsistencies. The ROCs will investigate and provide METNO proposals (where needed) to harmonise. The updated status will be presented by H. Swinnen @DMG35.

Action DMG32-5-4: closed. A new action:

Action DMG34-2-3 The 4 ROCs are invited to participate to APAC monitoring. CK informed on the provisional dates (8, 15, 22 December, TBC). Results of the monitoring will be sent to MW and MP.

Agenda Item 4.

Information from other groups

C. Keohan presented to the group the main outcomes of the METG31 meeting. The following actions were concluded:

Action DMG34-4-1: M. Pichler to provide clean version of EUR Doc 018 by 10 November 2021 for posting on the ICAO Paris website

Action DMG34-4-2: C. Keohan to have posted an updated version of the TAC to IWXXM translation agreements by mid-November 2021

Action DMG34-4-3: C. Keohan and M. Wagner to monitor from time to time expected receipt of tropical cyclone advisory information at ROC London. Chris will monitor the Miami Hurricane Centre website to see if there a cyclones approaching FIRs in the EUR/NAT Regions and inform Matt to check for expected TCAs. This will be done to early December (end of cyclone season in Atlantic Basin) and commence in June next year

EASA Activities related to EU MET Regulation

WP02 – EASA Activities

W. Demol informed on recent updates to 373 with impact to DMG activities and EUR Doc018 provisions. For the items of interest, the following actions were concluded:

Action DMG34-4-4: M. Pichler to scan EUR Doc 018 for terminology “provide, issue, supply, disseminate “ and, where necessary, bring it in line with ICAO Annex 3

Action DMG34-4-5: W. Demol and M. Pichler will check what is in Annex 3 related to example of TAF CNL and make a proposal for updating Doc018 to the next DMG.

With respect to the introduction of SPECI messages, the group analysed the provisions of Annex 3 and of EUR ANP vol II:

EUR ANP:

“2.2 In the EUR Region, routine observations, issued as a METAR, should be made throughout the 24 hours of each day at intervals of one hour or, for RS and AS designated aerodromes¹, at intervals of one half-hour at aerodromes as indicated in Table MET II-2.“

Annex 3:

“4.4.2 Reports of special observations shall be issued as:

[...]

b) SPECI for dissemination beyond the aerodrome of origin (mainly intended for flight planning, VOLMET broadcasts and D-VOLMET) unless METAR are issued at half-hourly intervals.”

Action DMG34-4-6: W. Demol will present a WP for March DMG with a proposal to align EUR Doc 018 to the text in EUR ANP and Annex 3.

DMG Work-Programme and ToR

Following consultation with ICAO Paris Office, C. Keohan informed that DMG may be considered a sub-group of METG and could be named “(EUR/NAT) Meteorological Information Exchange” sub-group of METG. The work programme and ToR will be maintained (that would not be reflected in the EASPG Handbook) and as such the activity of this long-standing group would continue further on. Regarding the impact on the procedures for electing the DMG chair, it was noted that flexibility was in place and the election was decided to take place at DMG35.

Regarding the possible enlargement of DMG participation, the group agreed that in line with the evolution of changes induced by IWXXM and SWIM, it would be beneficial to co-opt experts from that domain. In that respect was mentioned the name of Dirk Zinkhan (DWD). With regard to Eurocontrol, it was mentioned a good collaboration already in place with them (Dennis Hart) on the ICAO side and that link could be used in the future whenever needed. There was also mentioned the need to maintain a good coordination with the other groups and as such co-opting members from States having representation in MET Panel Group would also be beneficial (for instance Italy). W. Demol and C. Keohan would coordinate and will approach the respective organisations.

Volcex

C. Keohan briefed the DMG members regarding the Volcex exercise on 16 Nov. 2021 (8-16 UTC), Eyjafjallajökull. SIGMET / VA Reports with “exercise”, potential problems with IWXXM translation. De-brief meeting in 1st week of Feb 2022.

Agenda Item 5. IWXXM Action Plan

IPO2 IWXXM Production in ROC London AoR (MW)

M. Wagner informed the group that Belgium, Denmark, Finland, Sweden, Greenland (Denmark) currently produce IWXXM, while Estonia, Ireland, Iceland, Lithuania, Netherlands, Norway receive a translation service. Latvia receives a partial translation service (for TAF/SIGMET). He also informed that recent tests performed by ROC London (with help from ROC Vienna) had concluded that Estonian IWXXM data was good and ready to be implemented, while a small issue identified with the Norwegian data needs to be addressed and tested again.

P. Simon mentioned that Algeria was on the way to implement IWXXM production and in that respect he asked support from ROC London and Vienna for testing the data before implementation. M. Pichler and M. Wagner will provide the AMHS test addresses that Algerian

data should be sent to. There was mentioned that the testing makes use of the existing capabilities of the systems used and are done on a best-effort basis.

There was also recalled that an implementation plan had been required for States asking for the translation service extension. C. Keohan mentioned that an overview of the situation will be presented next DMG (in line with Action DMG34-2-3 before).

WP04 METNO Procedure Improvement

M. Pichler presented to the group a specific case when a change announced via the METNO procedure was not perfectly handled by the involved stakeholders and finally leading to a temporary unavailability of data. Several questions related to improving the effectiveness of the procedure were risen. In particular, the foreseen changes of the CCCC in the Russian bulletins need to be addressed with specific care. It was mentioned that the change will be recommended to be done one step at a time. Preferable, the changes should be announced 2-3 AIRAC cycles prior to implementation. Also, keeping a parallel routing for a period of time would ensure safer distribution of data. A working group consisting of C. Keohan, H. Swinnen, M. Pichler and lead by Russian Federation representatives will coordinate the necessary actions for implementing the change of headers.

Action DMG34-5-1: Plan on the implementation of new headers to be presented as a WP to DMG35.

Regarding the planned implementation of the global procedure, P. Simon noted that the implementation is practically on the PIRGs. Information on the progress should be made available to DMG by representatives in MIE. The draft of the existing working plan at MIE level was briefly presented to the group. M. Wagner announced that he was going to replace P. Simon in leading the activity for global implementation of the procedure.

It was also mentioned that our METNO procedure covers also Iceland (so practically covers EUR/NAT region).

Patrick also proposed the DMG members to imagine a possible way (in addition to the current METNO message distribution) to inform all interested stakeholders about the changes by means of an automated service to which those would have subscribed.

Action DMG34-5-2: M. Wagner, after consultation with MIE experts, investigate on a possible implementation of a SWIM service linked to METNO and follow-up on the global implementation of the METNO procedure.

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

WP03 eANP Routine OPMET Data missing at EBBR on AMHS (HS)

The paper presented by H. Swinnen highlighted 4 main causes that could stand for eANP Routine OPMET Data missing at EBBR on AMHS. For each of these causes, there were

presented also the suggested actions for solving the deficient routing. It was mentioned that the listing in the attachment of the working paper comprises data that was received by at least one of the ROCs.

There was recalled that priority of investigating the RODEX distribution should be given to the eANP requirements for AOP-Aerodromes. Non-ICAO-compliant bulletins should be disregarded (e.g. long bulletins that can not be accommodated on AMHS, location indicators not in 7910, etc). When headers are verified for proper routing, cross-checking with METNO registered data should also be performed.

Action DMG34-6-1: The 4 ROCs will check the Work Package and ensure the proper routing is in place for all AOP aerodromes. Target date: before end of January, in order to ensure a better situation before the next monitoring exercise.

The group appreciated the efforts for deriving such work packages, as it is considered that solving those would not only address the missing data at EBBR (or Brussels RODB), but also improve the proper distribution and increase the availability of data at regional level.

PHP

Regarding PHP – each ROC shall continue and work on their corresponding open tickets.

Action DMG34-6-2: H. Swinnen will make sure that all PHP tickets with P. Simon as Problem Handler will be transferred to V. Dupont.

IWXXM Monitoring: M. Pichler informed that ROC Vienna had approached their supplier with a proposal for performing on-line monitoring of IWXXM data and obtained a positive answer, in principle. There was agreed that such an implementation should be made by all ROCs step by step, the overall principles of such monitoring being necessary in the first place.

For the task of maintaining a database of non-AOP aerodromes, it was considered that that could be covered by one previous action (DMG-33-5-4) regarding the deriving of the OPMET catalogue.

C. Keohan to derive the eANP updates in machine readable format and provide them in December to H. Swinnen.

As for the PIs – progress should be recorded in 2022 for the States that were previously reported as non-compliant.

Agenda Item 8 RODEX

WP06 ROC London Routing

The paper presented by M. Wagner showed historic routing still in place at the ROC London. Those will be removed once confirmation for this routing is provided by ROC Toulouse and

ROC Vienna. It was noted that data like FX are not OPMET data, those might be routed on a bi-lateral agreement.

Action DMG34-8-1: ROC Toulouse and Vienna will check that routing is in place for the presented OPMET headers and confirm back to ROC London by end of November.

WP05 – Status ROC Moscow (Austria)

M. Pichler presented the paper which summarised the current status of ROC Moscow in regard to OPMET-data exchange and highlighted the remaining open issues, as well as the tasks to be taken care of within the AoR of ROC-Moscow.

During the transition tests in July, it was identified that an upgrade of the gateway servers in Russia was needed, in order to handle the high volume of traffic between the ROCs. ROC Moscow informed that significant progress in upgrading the hardware & software of the system was recorded, and that internal local tests were already conducted. Currently a test of the upgraded system is planned with the COM-centre Moscow, and in case of a positive result, the exchange of data with ROCs London, Toulouse and Vienna can be tested as well. The ROCs are asked to provide information about their availability in November and December for testing the data exchange. For coordination, an EXCEL-file was provided where each ROC should fill in its availability and the headers of the data to be exchanged. ROC Vienna already provided input.

Action DMG34-8-2: The 4 ROCs will provide the availability dates for testing the data exchange and also the corresponding headers.

It was proposed that the headers be provided some two weeks before the agreed transition date (to cover the actual state and avoid repeated updates).

Statistics regarding the expected volume of data were already provided by ROC Toulouse. ROC Vienna will send those, too.

RODEX Back-up procedure: P. Simon informed that progress was recorded from DSN to upgrade the AMHS, such that the system could cover the back-up situations. As mentioned earlier during the meeting, M.Pichler will present to DMG35 a WP on the contingency measures.

Regarding the inter-regional exchange, M. Wagner will provide information on the status of AMHS inter-regional exchange. It was also considered beneficial to invite Spain to one of the next DMG meetings, in order to clarify the situation in this respect.

WP07 RODC Review (MM)

M. Mezred provided to the group information about the updated RODC application. All remarks from the previous meeting were addressed. In addition, information regarding ROC Moscow was introduced. The application offers contextual menus according to the user type

(NOC, ROC, IROG, RODC admin). The functionality was presented to the group by means of practical examples and use cases. In order to complete the tables with routing tables of ROC Toulouse and Moscow, the following action was agreed:

Action DMG34-8-3: ROC Moscow and ROC Toulouse will provide the routing tables to M. Mezred in order to include those into RODC.

There was agreed to explore all functionalities of the application prior to the next DMG meeting and provide feed-back. Preferable by different user types.

Action DMG34-8-4: M. Pichler, V. Dupont and W. Demol perform extensive testing of the RODC functionalities and provide feed-back to M. Mezred before end of December. WP to be presented at DMG35.

Agenda Item 9

Doc 14, Doc 18 – normal updates.

Agenda Item 10 SWIM

With regard to SWIM services provided by EUR RODBs – W. Demol invited V. Dupont to arrange for an on-line demonstration of SWIM services provided by Météo France (DMG35).

It was mentioned that information regarding to the future of RODB Toulouse (SWIM vs. traditional access) will be presented to DMG members.

Action DMG34-10-1: V. Dupont to arrange for an on-line demonstration of OPMET SWIM services provided by Météo France at DMG35.

Action DMG34-10-2: V. Dupont provide an IP with regard to RODB Toulouse status.

Regarding the re-naming of DMG, it was mentioned that discussions could be held during the next meetings and provide the information to METG32 for approval.

C. Keohan provided a short update related to the activities of SWIM-PT. Lack of resources prevented the development of an “initial training kit on SWIM implementation”. It was agreed with Eurocontrol that information published on reference.swim.aero website be made also available by the SWIM-PT during future webinars. Possibility to provide also examples of MET SWIM services available.

Next meetings:

DMG 35: 15-17 March 2022 (virtual or f2f Paris)

DMG36: 21-23 June 2022 (possible Vienna)

DMG37: October 2022

A decision regarding the possibility to organize a face-to-face meeting will be made in early January 2022, depending on the evolution of the pandemic situation.

AOB

IP01 Jersey CCCC

M. Wagner informed that ROC London had been working with the Government of Jersey and the UK CAA in order to establish different CCCCs for Jersey Airport and for the Channel Islands CTA. There was agreed to use EGJT for the new Channel Island CTA and that was to be published in the DOC 7910/182 publication in December. In addition, a new CCCC has been registered for Jersey Met office (EGJX). Jersey Airport EGJJ remains unchanged.

METNO will be raised by ROC London to inform of the change in Headers by Jersey, Channel Islands CTA and Jersey Met Office. Target dates: November 2021 or January 2022 AIRAC dates. C. Keohan will also update the SIGMET headers in the MET Guidance section.

Question was raised regarding the need to update the EUR eANP accordingly. Suggestion was made that the change be announced via NOTAM as well.

Tour de table:

M. Pichler informed that Austrocontrol will move to the new building by the end of Feb. 2022

H. Swinnen informed that Skeyes was implementing a two-factor authentication. That would also affect the PHP application. M. Wagner, M. Mezred and L. Brojboiu offered to test the new log-in procedures.

As this was announced to be the last DMG meeting for Patrick Simon, C. Keohan (ICAO) and W. Demol (vice-chair of DMG) expressed, on behalf of the DMG members, their gratitude and thanked Patrick for leading the group as the Chair of DMG and for entire his dedicated work during more than a decade.

DMG34 LIST OF ACTIONS

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

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

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

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