DMG30 Notes

Due to the current situation with the COVID-19 outbreak, the DMG3 face-to-face meeting was replaced with a series of webex meetings held on-line during 10-19th June 2020, as in the following Agenda of the meeting:

Wednesday 10 June 2020

Schedule	Agenda	Topic
14h00/15h30	**1**	- **AGENDA** - Adoption of the agenda, review of the webex following week & who can be present (10 mn) *WP/01 (PS)*
	2	- **Status of actions from previous meeting** (30 mn)
	3	- **TC SIGMETs in the EUR region** (15 mn) *WP/03 (CK)*
	4	- **Information from other groups** - Information from ANC (20 mn) - Information from MOG (15 mn)

Monday 15 June 2020

Schedule	Agenda	Topic
10h00 /11h30	**4 (cont ..)**	- Information from MIE (not SWIM related) (20 mn) - Other ICAO groups (20 mn) - WMO (20 mn) - EASA /ECTL (10 mn) *IP/01 (WD)*
	7	- **PI & Volume III – MET OPMET implementation** - NATS web tool (5 mn) - EUR ANP VOL III – B0 & B1 – AMET (15 mn) *WP/02 (CK)*
14h00 /15h30	**5**	- **IWXXM action plan** (to be continued)) *IP/02 & WP/10 (MP)*

Tuesday 16 June 2020

Schedule	Agenda	Topic
10h00 /11h30	**5 (cont ..)**	- IWXXM action plan *WP/06 (CK), WP/13 (MP)*
14h00 /15h30	**6**	- **OPMET data monitoring** (yearly DMG monitoring, PHP report) (50 mn) *IP/03 (MP) WP/07 (WM)* - Maintain and update a non AOP Airport DB (10 mn) - OPMET data monitoring (monitoring next year) (30 mn)

Wednesday 17 June 2020

Schedule	Agenda	Topic

10h00 /11h30	8	- **Creation of a 4th ROC**
		- ROC Moscow Transition plan status *WP/11 (MP)*
		- ANP VOL II – ROC Moscow *WP/04 (CK)*
		(45mn)
		- IP from RF on the transition status (15 mn) *IP/05 (SG)*
	9	- **RODEX**
		- Back-up procedure (30 mn)
14h00/15h30	10	- Harmonized METNO procedure (30 mn) *WP/08 (HS)*
		- RODC status (15 mn) *IP/04 (MM)*
	11	- **EUR Documents**
		- DOC 014 (15 mn) *WP/05 (CK)*

Thursday 18 June 2020

Schedule	Agenda	Topic
10h00 /11h30	11	- DOC 018 (outside IWXXM topics) (30 mn) *WP/09 (MP)*
	12	- **SWIM** (SWIM PT, WG MIE docs) (60 mn)
14h00/15h30	12 (cont.)	- SWIM (SWIM PT, WG MIE docs) (30 mn)
	13	- Finalization work for DMG report to METG (60 mn) *WP/12 (PS)*

Friday 19 June 2020

Schedule	Agenda	Topic
10h00 /11h30	14	- Next meetings (20 mn)
	15	- AOB (20 mn)
14h00/15h30		- (reserved time if some subjects need more discussion)

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

AFI IWXXM Implementation Workshops

The group agreed that due to the current situation with COVID-19, the workshops can not pe attended by the DMG members. It was recalled that the internet communications have improved significantly in the AFI region and therefore the workshops could be replaced by webex meetings. The DMG agreed to support the workshops by remote participation to these webex sessions, offering presentations and responding questions. WMO support will be required as well. The ICAO Office in Nairobi will be informed and dates need to be agreed upon.

IWXXM Extensions: previous webex meeting held by DMG members.

IWXXM offline statistics: more discussion needed. The group agreed to move the action to DMG31.

EUR OPMET Monitoring Tool - Evaluation: Action completed, Herman Swinnen already sent the evaluation to the contact points provided by the Russian Federation.

ROC Moscow WPkgs

<u>Russian Federation</u> will provide the agreement from Kazakhstan on accepting to be under the area of responsibility of ROC Moscow.

<u>Chris Keohan</u> will provide a WP for METG/30 on the proposed change to the EUR ANP that will include ROC Moscow in the list of ROCs in the EUR Region.

<u>Michael Pichler</u> will provide a WP for METG/30 on the proposed change to EUR Doc 018 that will include changes involving implementation of ROC Moscow (e.g. backup procedures).

<u>NOC Moscow</u> is expected to provide SIGMET/AIRMET in IWXXM format by July-August. To be coordinated with DMG FP for METNO announcement. Compiling centres of warnings need to be put in line with 7910 - will be discussed later during the meeting.

To be discussed during ROC Moscow papers.

PHP

No new results derived yet. METG will be informed that no new tickets were derived due to the current COVID situation. No report will be presented (as no new tickets are available).

Special Air-Reports

<u>Patrick Simon</u> will provide to *Chris Keohan* the results of special air-report reception at ROC Toulouse for a period in the beginning of next year (delayed one year, waiting for situation to improve and more data to be available).

IWXXM Statistics

<u>Herman Swinnen</u> will provide for the next DMG meeting the statistics, as it is expected that significantly more IWXXM data will become available.

DMG Participation: no news available regarding Denmark participation.

Agenda Item 3 - Tropical Cyclones in the EUR Region

WP03 - Distribution of TC Information

The meeting was presented the proposed requirements on tropical cyclone described in the EUR Air Navigation Plan, Volume I, Part V MET paragraph 2.5, and on the issuance of WC SIGMET MWOs as described in the Volume II, Table MET II-I, Meteorological Watch Offices.

<u>Herman Swinnen</u> will verify what monitoring centres do not monitor WC (based on Feb 2020 results).

<u>The monitoring centres</u> will adjust their monitoring tools to cover WC for Feb 2021 exercise.

The WC will be monitored during the 14 days monitoring.

When the European WC headers are available these will be announced via METNO in March. During DMG32 these will be analysed and a special monitoring exercise will be planned next year in April (as

no real TC expected in Feb in EUR). TCACs Miami and Tokyo need to be involved too. Proposal to METG/30 for special monitoring exercise in April 2021 (no special WP but paragraph included into the report).

Herman informed about encountered problems with received WC messages in respect of compiling centres not complying to 7910 (e.g. ABRF).

Herman Swinnen will provide details to *Chris Keohan* who will contact the corresponding ICAO Office for addressing compiling centres of WC bulletins which are not in 7910.

Matthew Wagner: To check with Washington and Singapore that the appropriate routing is in place for the TC advisories issued by TCACs Miami and Tokyo (for a correct distribution to EUR).

Patrick Simon: will check the headers of FK that TCAC Miami and Tokyo use and provide them to Matthew Wagner.

Herman Swinnen: WP for next DMG to inform on FK and WC headers announced via the METNO procedure.

EUR Doc 018 need to be updated next year with regard to WC monitoring.

Michael Pichler: will check on the necessity to update the EUR Doc 018 regarding the new requirements for WC (probably the update procedure and monitoring sections).

Agenda Item 4 - Information from other groups

MOG - SADIS:

IWXXM data could be made available on SADIS by the end of this summer. For the future, distribution via SWIM services is expected to take over (beginning next year).

Requirement for SADIS catalogue. Matt provided it and already published on SADIS website. Once face-to-face meetings are back, work can be done to coordinate on a single derived catalogue from DMG.

Matt Wagner and Herman Swinnen: Coordinated WP on Catalogue production - for DMG31.

15 June 2020

MET PANEL

Patrick informed the group on the restructuring process in WMO.
Schedule vor IWXXM version implementation - 3.0.1 in Nov, 3.1 in January 2021.
More information will be distributed by Patrick via email, like for instance: basic representation of WAFC elements, possibility to have different schema versions for different locations within the same bulletin.

WG MIE

P. Simon informed on current status of activities of WG MIE. Regarding the roadmap of implementation dates for actions with impact on DMG activities (like for instance distribution of data using SWIM services), it was considered necessary to discuss in detail during a webex before or during DMG31.

C. Keohan informed that VOLCEX in November was postponed for one year. No volcanic ash exercises will be held this year.

M. Pichler informed that for the WMO WIS wiki page - work is in progress to have it under a new website.

IP01 - EASA Activities

Wim Demol informed the group on the current status of regulatory activities that EASA carries on for keeping the European regulation in line with the provisions of ICAO Annex 3 (Amd. 77-79). There were particularly noted the current provisions with impact on DMG activities: short TAF validity less than 9 hr, references to EUR ANP (table MET II-2) and EUR Doc 018 in the guidance material.

Validity hours of EUR TAF forecasts are confirmed to be present in AMC 1 MET.TR.220 of 2017/373 (formerly were included in the EUR ANP).

close Agenda 4

Ag. Item 5   IWXXM Action Plans

WP6 (CK) IWXXM Translation Agreements.

Chris Keohan presented a State Letter which is a follow-on to a previous one with the intent to review the existing arrangements between States and their associated ROCs for the translation service, noting that this arrangement may be extended until 4 November 2021.

ROC London confirmed implementation of IWXXM by the end of June. In July: a METNO announcing new IWXXM bulletins produced by ROC London. Take-over from Toulouse on translation - needs to be agreed upon for September (to ensure responsible people are present, not during summer holidays).

The group considered that more emphasis need to be put in the State letter for urging States to implement IWXXM. The text was modified accordingly.

<u>*Chris Keohan*</u> will present the updated State Letter on IWXXM translation agreements to METG/30.

Michael Pichler informed that ROC Vienna will begin to provide IWXXM translation service for Israel in July 2020.

WP13 (MP) MET/MIDAMC

Michael Pichler informed the DMG on the outcomes of MET/MIDAMC meeting.

Implementation status of extended AMHS or MSS with IWXXM capabilities reported by States.

Support was asked from IROG Vienna, questions related to: minimum bandwidth, IWXXM data exchange between the regions, providing the translation service.
Jeddah: possible implementation, but confirmation needed for July. Although ensuring translation service by ROC Vienna was technically feasible, the group agreed that IROG Vienna should better

provide support to Jeddah for implementing translation services (same sw provider) with respect to configuration, etc, rather then providing translation services for other region.

Regarding bandwidth - *MP* will provide information received from Roland.

Michael Pichler will provide the answer to Cairo (cc Chris) (already completed during the meeting).

IP02 (MP) IWXXM Extensions

Michael Pichler informed the group on the information obtained with respect to the IWXXM extensions and the possibility to implement a global repository for those. He provided info from the software provider, but also a summary of the discussions during the webex on National IWXXM Extensions Handling (25 May 2020).

Patrick Simon will forward this IP to Gilles Ratte.

WP10 (MP) Questionnaire on IWXXM implementation

Michael Pichler presented to the group a proposal for capturing the status of IWXXM / AMHS implementation, in order to be used by the ROCs for gathering information from their area of responsibility. The group appreciated the proposed Excel-workbook to be very useful and agreed to complete that with the following:
-IWXXM schema version used.
-What data types are available in IWXXM (METAR, TAF, SIGMET, etc)
-Planned date for implementing 3.0.1

Michael Pichler will provide the updated workbook, adjusted for each ROC and pre-filled with results from the previous survey.

The group agreed to conduct the survey 1.5 month before METG to gather status from States in their AoR.

The 3 ROCs will be gather results of IWXXM implementation into a single consolidated IP for METG/30.

Ag. it. 5 closed.

Ag. It. 6 OPMET Data Monitoring

IP03 (MP) Warning Monitoring Action Plans for each ROCs.

Michael Pichler presented to the group the work packages created for each ROC, based on the results of Feb 2020 warnings monitoring. The work packages imply not only results from actions related to routing issues, but also a listing of required data for states in their AoR.

ROC Toulouse & London - work in July and send results to MP.

Michael Pichler will prepare a common WP for METG (third week of August).

WP07 (WD) RODB Request Monitoring

Wim Demol presented the results of the latest RODB monitoring. Two periods were used, for both databanks the number of requests decreased and no heavy users or abuse were detected. As previously decided, a proposal will be presented to METG to stop the yearly reporting.

Wim Demol will provide a sentence for DMG report to inform on cessation reporting RODB monitoring, except for situations when missuse/abuse is detected.

Herman Swinnen and Matt Wagner will cooperate regarding the catalogue of OPMET data, and prepare a WP for DMG31, including a sample of AOP - non-AOP listing.

16 June 2020

Space Weather

A new global center for space weather will be available (consortium of Russian Federation and China) probably around November this year. As a consequence, the new header of the advisory message needs to be introduced via the METNO Procedure. It will be probably available for monitoring during Feb 2021 exercise. Confirmation needed from Russian Federation if the new headers will be announced during Nov this year.

Russian Federation will provide an IP for METG30 on the new SWx Centre. This will be done in coordination with the DMG Report.

IWXXM Monitoring

The current IWXXM monitoring specifications in EUR Doc 018 are very basic. Although there are many other items that might be considered for inclusion into statistics, the group agreed that for now only the basic principles need to be described by the handbook and during the next year we will have the opportunity to elaborate, based on the experience gained and taking into account that more data will be available and things will get clearer.

Agenda Item 7 – PIs & Vol. III

WP02 – ANP vol. III B0 & B1 AMET (CK)

Updates based on recent monitoring results.

Chris Keohan will reiterate into the WP to METG that the presented results are measured against the requirements. It will mention also that in case of negative results, States may require (via their responsible ROC) detailed results related the monitoring, which will be provided on request by the DMG FP.

After refinement of the calculation procedures during previous exercises, the tables may now be considered official. States failing on PI will end up on the defficiency list.

Michael Pichler will check SIGMETs for Kazakhstan (Almaty) and Uzbekistan (Nukus), in coordination with *Russian Federation* and *Chris Keohan*.

Russian Federation informed that in March 2020 changes were announced to ICAO on some FIR re-organisation which cover some of the remarks in table SIGMET. Will resend those to *Chris Keohan* in order to have them processed before presenting to METG.

Chris Keohan will update the tables related to: Austria no Airmet, Israel IWXXM in July (translation Vienna).

It was envisaged that as we get closer to the implementation date, more IWXXM data will be announced via METNO. Special METNO may be required. The group agreed that there is no real urgency to issue extra METNOs (as there is no operational use of these data) so States will be urged to stick to the AIRAC dates for IWXMM announcements.

Matt Wagner (PHP Manager) will issue PHP tickets for the cases where situation worsened from Y to N (for availability), for instance Italy. *Herman* will provide the necessary details, if those are required by the involved States.

close ag. it. 7

Agenda 11 – EUR Documents

WP05 - Doc014 (CK)

Alternate headers for nordic states FIRs - these need to be made available to the ROCs in order to ensure appropriate routing of these bulletins.

The group agreed on the proposed changes to the EUR SIGMET/AIRMET Guide related to inclusion of provisions for the exchange of all special air-reports via RODEX within the EUR Region.

Chris Keohan to check the SIGMET Header list on the ICAO Website and update it if the case.

WP09 - Doc 018 (MP)

Michael Pichler presented to the group the updated version of EUR Doc 018.

VAG to be removed from the monitoring. Automated air-reports need not to be dealt with.

Patrick Simon in coordination with *Chris Keohan* will prepare a paper for DMG31 on AMDAR - not OPMET (aviation) data.

DMG Members to check IWXXM monitoring section of Doc 018 and transmit objections / proposals to *Michael Pichler* who will present a WP at DMG31 on updates necessary to EUR OPMET Handbook.

The Distribution determination – the group appreciated the new structure of the tables to be clearer and easy to use.

Herman Swinnen will provide to Michael Pichler the listing of States using multiple AAs in the bulletin headers, in order to be updated in the tables.

Patrick Simon will present a WP to the next meeting of AST Task Force (November 2020) informing on the requirement of using AFS for OPMET data exchange.

The back-up procedure - to be marked as „under construction". Needs review by ROCs during this summer. Come back with proposals / amendments to be discussed with DMG. Test performed next year. Presentation to METG31.

The updated version of the Handbook will be presented to METG. Then, taking into account that this version includes updates related to the fourth ROC, it will be published only in March/April, after the endorsement of decision for creation of ROC Moscow.

17 June 2020

Agenda Item 8 – Creation of a 4th ROC

WP11 - Status of ROC Moscow Creation and Further Planned Actions

Before a test for OPMET data exchange via AMHS is performed between NOC Moscow and ROCs Toulouse and London, there is a need that the correct addressing is in place.

The ROCs will check that the addresses listed in para 2.3 of WP11 are implemented.

A visit is planned for exchanging experience on implemented working procedures for the operators. That is postponed due to COVID-19, until restrictions are lifted.

Russian Federation confirmed that the translation of warning messages will be available in July.

Agreement with Turkmenistan is still needed. Kazakhstan and Tajikistan agreements are confirmed.

ICAO RO (Chris Keohan) will try to contact Turkmenistan in order to obtain an answer on what ROC area of responsibilities chose (Moscow or Vienna).

IP05 – ROC Moscow Transition

The Russian Federation informed the group on the current status of activities undertaken by NOC Moscow in respect of implementing the new ROC, including: implementation of IWXXM, obtaining agreement from States to be included into the AoR of the new ROC, quality control of data.

Although it is not a prerequisite for having in place AMHS links with States in the AoR, it is a need for having in place plans for implementing such communication links for the next period. That is valid for both ROC Vienna (for the States remaining in its AoR) and ROC Moscow.

WP from MP & RF with transition plans to include provisions related to AMHS+FTBP links between ROC Vienna and ROC Moscow and the States in their area or responsibility.

WP04 - Inclusion of ROC Moscow in ANP (CK)

CK presented the update proposed to vol. II Part MET, consisting of inclusion of Moscow in the list of Regional OPMET Centres (ROC) designated for the EUR Region. That will be presented to METG.

Chris Keohan will present the update proposal to ANP vol. II to METG30.

After that will be discussed during ESPG in first week of Dec, with intention to become effective by end of January 2021 (change to vol. II, so it does not need to be approved by the Council).

ag. item 8 closed

Agenda Item 10 - RODC

IP04 - RODC Status (MM)

Mohamed Mezred informed the group on the current status of devolopments. Most remarks from ROC Vienna have been assimilated.

ROC London provided the routing tables during the meeting. Those will be analysed by ROCs Toulouse and Vienna which will send their tables to Mohamed by the end of summer.

The group was presented with the URL of the RODC Administration, to be used by the DMG members in order to request and obtain credentials for the RODC.

WP08 - Harmonised METNO Procedure - APAC (HS)

Herman Swinnen provided to the group a general presentation of the METNO procedure used in the EUR Region, with particular focus on the DMG Focal Point role and activities.

NEWTIM/DELTIM were considered not useful, as are not related to data distribution. Therefore need to be removed, and also from the Doc018. *Michael Pichler* to update Doc 018.

It was considered useful to merge the information in the presentation with provisions of DMG Handbook (especially the workflow). *Patrick Simon* offered to work on that and provide the results.

Patrick Simon to present something to be sent to Tim Hailes (support from Wim) - in two weeks in order to be ready before WG MIE.

To work with support from DMG28/WP5 (powerpoint presentation). After coordination with Herman and Wim, send to Chris for consultation.

SWIM PT 3 meeting: series of webex meetings 30 June - 1st July. Review ToR, updates from MET Panel, Information Panel, etc. *Michael Pichler* and *Herman Swinnen* will register as observers to these meetings.

Delays due to covid 19. Focus on regional work - EUR Region roadmap.

close ag. 12

Agenda Item 13 - DMG Report to METG/30

Input from DMG members expected before mid July.

WPs for METG30:

- Proposed change to the EUR ANP vol. II that will include ROC Moscow in the list of ROCs in the EUR Region (CK)
- Proposed changes to EUR Doc 018 (MP)
- Introduction of TC SIGMETs (WC) in the EUR Region (CK)
- IWXXM Translation Agreements (CK)
- WP on the status of IWXXM implementation in EUR (3 ROCs)
- IP on Space Weather Centre creation (Russian Federation)
- Warning Monitoring (MP)
- EUR ANP vol. III (CK)
- AMDAR is not OPMET (CK & PS)
- ROC Moscow Transition Plans for AMHS implementation (MP & Russian Fed)

Next DMG meetings

In a pragmatic approach, the DMG members considered that, due to the current restrictions related to pandemic but also due to financial restrictions of each organisation, the next DMG meeting (DMG31) will also be held by teleconference (webex) between 13-15 October 2020.