

## REPORT OF THE DATA MANAGEMENT GROUP

### ELEVENTH MEETING

*(Brussels, 19-20 March 2014)*

The eleventh meeting of the Data Management Group was held from 19 to 20 March 2014 in Belgocontrol premises, Brussels, and was attended by the following participants:

#### List of participants

Mr. Michael Pichler	Austria
Mr. Herman Swinnen	Belgium
Mr. Wim Demol	Belgium
Mr. Johnny Funder	Denmark
Mr. Patrick Simon	France (Chairman)
Mrs. Annemiek den Uijl	Netherlands
Mr. Laurentiu Brojboiu	Romania (Secretary)
Mr. Graham Easthope	United Kingdom
Mr. Christopher Keohan	ICAO Paris

The meeting was also attended by the following representatives from the MID Region:

Mr. Mohamed Ali Saleh	Bahrain
Mr. Anwar Yusuf Al-Mulla	Bahrain
Mr. Saad Almajnooni	Saudi Arabia
Mr. Saeed Alghamdi	Saudi Arabia
Mr. Mohammed Babidhan	Saudi Arabia
Mr. Fahad Al Malki	Saudi Arabia

During the first day of the DMG 11 meeting, Patrick Simon made a presentation of the EUR DMG to the representatives of the MID Region. He described the organisational structure of the group, the administrative issues governing its working activity, the specific tasks assigned to the group members and the coordination links to other ICAO groups.

The meeting was preceded on 18 March by a meeting on the development of the Concept of Operations for the IWXXM, with the participation of the above listed persons and additionally by:

Mr. Dennis Hart	Eurocontrol
Mr. Mike Williamson	UK

#### IWXXM ConOps Meeting

The DMG members and invited participants discussed on the progress with the development of the ConOps document. It was mentioned the lack of governance from ICAO on behalf of the subject of transition planning.

Dennis Hart informed the group that ICAO and WMO will present jointly an information paper to the MET Divisional Meeting in July 2014 on the subject of "The evolution of aeronautical meteorological exchange in the context of SWIM". The IP can be consulted at:

<http://www.icao.int/Meetings/METDIV14/Information%20Papers/IP.6-INF.6.pdf>

The group was also informed that ICAO establishes the Information Management Panel (IMP). The Air Navigation Commission will send invitations to states to provide experts for the IMP. The terms of reference of the IMP were adjusted to include not only flight related aspects, but

also related to the AIM and MET Data domains. The goal of the IMP will be to provide guidance on information management (including implementation of SWIM in ICAO context).

The DMG members noted the difficulties in the development of ConOps, coming from the fact that although transition plan requirements seem clear expressed in the ICAO Annex 3 updates, there is no clear guidance or indication yet for the future of the system.

Dennis Hart pointed that a more clear view on the subject shall be gained following the MET Divisional Meeting. Regarding the format of the draft ConOps, he mentioned that SWIM implies a move towards the COTS systems and that from a SESAR perspective, “digitalisation” of OPMET data is not sufficient, but data centricity and service orientation is more important. Therefore a more clear indication would be needed in the ConOps that by implementing the current document provisions states do not become automatically fully SWIM compliant but rather SWIM enabler. Dennis also mentioned that it is a chance for us to define now the functionalities in regard to the OPMET-DBs and which services they could provide for e.g. airlines or pilots. It was agreed to include a more clear indication that the document is not actually describing the SWIM transition.

Action DMG11-10-1: Patrick Simon will update the “Scope & Goals” chapter of the ConOps document for a better description related to SWIM transition.

Dennis Hart also mentioned that AMHS, SADIS, SADIS FTP need to be included and taken into consideration when speaking of transition towards SWIM.

Technical details were discussed afterwards, like limitation of conversions TAC->XML->TAC which need to be prevented. Special attention will be needed in cases where states cannot process XML data (even after 2019) and in particular for the inter-regional exchange.

There was also expressed the need to include in the ConOps references to the WMO model.

Action DMG11-10-2: Patrick, Wim and Annemiek will work together to introduce in the ConOps provisions related to the WMO model (including reference to documentation, URL links, etc).

The comments received so far on the ConOps document from Hong Kong (B.I.Choy) and DFS were discussed further during the meeting. Then, all the chapter of the document were analysed and actions for updating/reformulating were assigned to DMG members, as follows:

<i>Chapter</i>	<i>Action / Responsible person</i>
3.1 Regional Variances	A WP for METG shall be prepared on the matter of “extensions”
3.2 Conversion	Wim, Herman, Graham (w. Mike) & Laurentiu
3.3 Transmission and routing	Patrick and Michael
3.4 Compliance Testing	Leave as it is, waiting for concl. after MET Div. Meet.
4.1.2 Data aggregator	Information on meta-data needed to include into bulletins shall be presented to METG (either as a separate WP or included into the one with “extensions”
4.1.5 Database	Shall be revised according to the DMG11 WP12
4.2 Regional definitions	Leave as it is for the moment (use of Translator instead of Convertor)
5.1.1. Governance	It will become more clear after MET Div Meeting
5.1.3 Bulletins	Michael will work on the AHL
5.1.4 Extensions	Mike will work on metadata + AMHS
5.2 Phase I	Patrick will reformulate
	Michael will adjust the diagrams according to DFS comments
5.3 Phase II, Item 1	Wim to clarify and detail

Action DMG11-10-3: Patrick will compile the revised ConOps following remarks from Hong Kong and DFS and distribute it to the DMG members in order to be updated according to the actions agreed above.

## **WP 1 – Adoption of the provisional agenda**

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

- |   |                      |
|---|----------------------|
| 1. <b>Approval of the Agenda</b>  |                      |
| 2. <b>Actions from previous meeting</b>   | IP01, IP02,          |
| 3. <b>Information from other groups</b>   |                      |
| <b>ICAO</b>   |                      |
| <u>EUR</u>  | WP02                 |
| EANPG, COG and METG   |                      |
| AFSG  |                      |
| VA  |                      |
| Coordination with other regions   |                      |
| Global Groups   |                      |
| <b>WMO</b>  |                      |
| 4. <b>OPMET Data Monitoring results and action plans &amp; PHP manager report</b> | WP06, 7, 8, 17       |
| 5. <b>Performance indices</b>   | IP03                 |
| 6. <b>Consolidated set of time values</b>   | WP13                 |
| 7. <b>Systematically wrong formatted/coded OPMET data</b>                         |                      |
| Monitoring results  |                      |
| Action plans  |                      |
| 8. <b>Routing problems</b>  | WP09/ WP16           |
| Monitoring results  |                      |
| Action plans  |                      |
| 9. <b>RODEX</b>   |                      |
| RODC  | WP03, WP04           |
| ROC Back-up procedures  |                      |
| Implementation plan on the development of MID Regional OPMET Centres              |                      |
| Implementation plan on transfer from some States from AFI to MID                  |                      |
| 10. <b>IWXXM</b>  | WP05, WP12           |
| CONOPS  | Draft (rev. BL Choy) |
|   | Draft (rev. DFS)     |
| 11. <b>EUR Documents</b>  | WP10, 14, 15         |
| 12. <b>Other METG Requirements</b>  | WP11                 |
| 13. <b>AOB</b>  |                      |
| 14. <b>Next meetings</b>  |                      |

### **Agenda Item 10: IWXXM**

*WP 12 – IWXXM usage by RODBs*

The paper presented by Wim Demol proposed some RODB specific concepts for the transition towards IWXXM. It was agreed that these should be incorporated in the overall CONOPS document.

Action DMG11-10-4: The 3 RODBs will investigate were the considerations related to IWXXM usage by RODBs fit into the ConOps and prepare a proposal as a WP to DMG12.

### **Agenda Item 3: Information from other groups**

#### *WP 02 – Status of ICAO Items*

C. Keohan informed the group on the ICAO aspects related to the DMG activities.

With reference to the governance in IWXXM mentioned earlier during the meeting, he informed that ICAO and WMO working relations will be reviewed during the MET Divisional Meeting, where a corresponding WP will be presented jointly (WP 10 available on the ICAO website referenced above).

The group was also informed that the table with the inventory of the GAMET and graphical products in support of low-level flights was published at <http://www.paris.icao.int/Met/index.htm> and also the inventory of the SIGMET headers used. The EUR Sigmet Guide will contain only a link to the URL where these two tables can be found, which would allow quick updates of the tables without the need to update the master document.

The EUR OPMET Handbook was updated and posted on the ICAO website. The meeting was informed that future updates could be posted if the revision was considered time-pressing by the responsible EANPG contributory body with the indication 'formal EANPG/COG approval pending'.

Patrick Simon asked whether the inventory of the Special AIREP headers was available in \*.doc format, as that would be beneficial for the three ROCs activity to ensure proper routing of these data. Christofer Keohan took note and distributed the document during the meeting.

The following issues were presented:

- MID Opmet Issues
- Contact in CAR/SAM region
- Realignment of regions: Algeria and Morocco included in the MET part of the EURANP, Tunisia pending. Libya, Egypt and Sudan part of MID Region.
- The DMG members confirmed that the organisations they represent have implemented a QMS.
- Volcanic Ash Exercise. The SIGMETs received were ok. The bulletins from KEAS are unknown.

#### *IP01 – RWY State monitoring*

Following the action DMG10-3-1, Denmark performed a monitoring of the compliance of the state of the runway reporting as supplementary information in METAR and SPECI, between October 2013 – 3 March 2014. The results were presented to ICAO Paris (C. Keohan), which would take further action on the matter.

Action DMG11-3-1: P. Simon will include in the DMG report to METG24 information that DMG performed the monitoring of RWY state group usage and the results were presented to ICAO Paris as a single remark

### **Agenda Item 2: Actions from the previous meeting**

The group approved the DMG10 Report and reviewed the status of the actions established at the DMG10 meeting. The completed tasks were erased from the list (highlighted in yellow; see comments).

**List of actions resulted after DMG10**

Ag. Item/BMG	Action item	Responsible	Target date
DMG6-5-1	Common understanding of the PI data definition (what is NIL, no data, data) and document that with examples. Information on requirements will be sent to Annemiek by Ed Boorman	A. den Uijl S. Dingle	
	<b>DMG09</b>		
DMG9-2-1	Will perform another comparison between SADIS and WIFS during November 2013 and the results will be provided to Stuart to take action (as the responsible IROG for US).	P. Simon, A. den Uijl	DMG10
DMG09-4-2	Provide Chris with the details of the requests coming from the MID region, in order to be raised at the next BMG meeting o the MID region next week.	M. Pichler	
DMG09-4-5	Update the KNMI monitoring tool in order to properly handle the NIL reports	A. den Uijl	DMG10
DMG09-4-7	In the calculation of the PIs, a NIL report shall always recorded as "not received". That needs to be highlighted to the states in the DMG report for the next METG meeting.	P. Simon	METG
DMG09-7-1	Repeat the evaluation on the rwy state usage for one more cycle, during the next winter season	J. Funder	DMG11
DMG09-6-1	Analyse the monitoring tables to depict those bulletins containing a mixture of required and not required aerodromes and present a WP to the next DMG.	Herman	DMG10
DMG09-6-2	Provide an updated version of ROC London routing table to Johnny in order to include it in the RODC application	S. Dingle	DMG10
DMG09-6-6	Prepare WP on the NOC back-up procedures – guidelines to be followed when a NOC is not able to distribute its data via normal means.	G. Easthope J. Funder C. Keohan	DMG10
DMG09-6-7	Prepare WP on the results of investigating the cases when ROCs remove routing of bulletins containing data circulated on bi-lateral agreement (data beyond FASID requirements).	W. Demol	DMG10
DMG09-8-1	Prepare a draft of possible use cases for IWXXM concept and distribute them to the DMG members before the next IWXXM ConOps meeting	S. Dingle	DMG10
	<b>DMG10</b>		
DMG10-3-1	Repeat the evaluation on the rwy state usage during 2013/2014 winter season and provide results to ICAO	J. Funder	End Feb. 2014
DMG10-4-1	Check the capabilities of the monitoring tools used and inform H. Swinnen to update the evaluation.	ROCs, RODBs	DMG11
DMG10-4-2	Check which data from its AoR do not follow the RODEX addressing schema and try to solve by coordinating to the corresponding contacts or, if the case, open PHP tickets.	ROCs	DMG11
DMG10-4-3	Gibraltar data will be distributed by ROC Toulouse and not ROC London. UK will check that the correct routing is in place.	G. Easthope P. Simon	DMG11

DMG10-4-4	Indicate duplicates in the next monitoring results	ROC London ROC Toulouse	
DMG10-4-5	UK will route all the necessary data to the NAT Region (including what Denmark transmits currently). Denmark will stop routing data directly to Washington.	G. Easthope J. Funder	DMG11
DMG10-4-6	Filter the tables containing METNO compliance to keep only data that is required.	H. Swinnen	DMG11
DMG10-4-7	Provide the monitoring results for data received via AFS only (and via GTS for their area of responsibility).	Monitoring centres.	DMG13
DMG10-4-8	Work on the monitoring results presentation and come with a proposal for the next DMG meeting.	A. den Uijl P. Simon H. Swinnen S. Dingle	DMG12
DMG10-4-9	Provide UK with details regarding the focal point for IR data exchange in the CAR/SAM region.	C. Keohan	
DMG10-4-10	Update the SIGMET AHL list in the Appendix B of the Eur Doc 014 (from SIGMET monitoring). Obtain confirmation from the corresponding national representatives.	C. Keohan	
DMG10-4-11	Check the proper routing in order to address the missing SIGMETs reported by Finland and Norway	G. Easthope	DMG11
DMG10-4-12	Forward the SIGMET monitoring results to ASIA/PAC in order to properly address the routing of data to Bangkok	M. Pichler	DMG11
DMG10-4-13	Include in DMG report the proposal to reduce SIGMET monitoring frequency	P. Simon	METG24
DMG10-4-14	Paper to the next SADISOPSG meeting explaining that it will be useful to have the SIGMET headers in a database maintained by ICAO on its website and this list to be referred in the Regional Sigmat Guides	A. den Uijl	SADISOPSG
DMG10-4-15	Contact US and ask that only the required data be sent back to EUR	G. Easthope	DMG11
DMG10-5-1	Timers evaluation	G. Easthope	DMG11
DMG10-7-1	Verify information in table 2 of Appendix E (Responsibility and Address Information Table)	All centres	DMG11
DMG10-7-2	Work on the structure of the first table in Appendix E (Distribution modes) to try to simplify it	H. Swinnen W. Demol M. Pichler	DMG11
DMG10-7-3	Investigate the need for keeping FTP sites	P. Simon W. Demol M. Pichler	
DMG10-6-1	Paper with the description of the RODC project, including details on the structure, design, software architecture, software used	J. Funder	DMG11
DMG10-9-1	Restructuring of the DMG Agenda	P. Simon A. den Uijl	DMG11

The action DMG6-5-1 was re-scheduled for the next DMG. Graham and Annemiek, with support from Herman, will review the PI definitions of the PIs, as included in the Appendix F of the Handbook, and present a WP for DMG 12.

The action DMG10-4-4 (indicate duplicates in the monitoring results): Toulouse informed already compliant. ROC London informed that currently duplicates are recorded, but the monitoring tool need to be upgraded to be able to record also the originators of the duplicates.

Action DMG11-2-1: Graham Easthope will take actions so that the ROC London monitoring tool will be upgraded for the next monitoring exercise in September 2014. Information on the subject will be presented to DMG12.

The action DMG10-4-8 was postponed – Annemiek, Patrick, Herman and Graham will work by correspondence on a proposal for the monitoring results presentation which will be discussed during DMG12.

#### **Agenda Item 4 - EUR OPMET Data Monitoring results & action plans. PHP manager report**

##### *WP07 - SIGMET Monitoring*

M. Pichler presented to the group the results of the SIGMET monitoring exercise from 5 February (WS) and 6 February (WV). Results for both monitoring exercises were based on the results received from 31 EUR-centres and from RODB Dakar and Oman.

When analysing the results, a cross check was performed against the abbreviated headers declared in the App. B of the EUR Sigmet and Airmet Guide (Eur Doc. 014). A number of inconsistencies were highlighted and those need addressing by ICAO Paris.

The routing issues were presented. The group was informed that the Excel sheets used to gather the results monitoring will be updated to include the TTAai, CCCC and FIR/UIR on different lines, which will ease the automatic process of filling-in the results.

##### *WP08 – ASIA/PAC SIGMET Monitoring*

M. Pichler, as the EUR Sigmet Focal Point, informed the group on the results of the monitoring exercise in November 2013 which had aimed to check the availability of ASIA/PAC SIGMET messages within the region. Suggestions were included for solving the routing issues.

Action DMG11-4-1: ROC London and Toulouse will take actions to solve the routing issues related to distribution of ASIA/PAC Sigmet messages to the centres in the EUR Region.

##### *WP06 – PHP Report*

A. den Uijl, as the PHP Manager, presented to the meeting the PHP Progress Report. An overview of the open tickets was analysed by the group.

Herman informed the group that the announced upgrade of the ticketing application was performed (already moved to a new platform) but that has no impact on the users side.

#### **Agenda Item 8 – Routing problems**

##### *WP09 – Double routing*

M. Pichler informed that ROC Vienna performed a monitoring to identify the bulletins which are received from more than just one centre and the reports compiled in more than one bulletin. The

results were splitted for each ROC, which are asked to co-ordinate with the centres in their AoR to stop the double transmission.

Action DMG11-8-1: Annemiek will analyse the double routing monitoring results and will derive corresponding actions in the PHP for each ROC.

#### *WP 16 – Request for contact*

Following recent problems with the availability of OPMET from AOP aerodromes, Graham Easthope suggested that e-mail addresses that are regularly monitored be made available by the ROC's to ensure expeditious communications with the responsible state and if required, regional officer.

The group discussed the issue and agreed that the PHP procedure shall be applied in each instance, since it provides an efficient means for tracking interventions and the results reached.

The group also considered useful that the PHP procedure be presented to the next SADISOPSG meeting. Since it is obvious that a WP/IP on the subject is too late to be accepted, the issue should be raised during the meeting, as answers to possible complaints on data availability.

It was also noted that would be useful to have contacts of the IATA representatives in different regions (as their interventions proved very efficient for instance during the "crisis" with missing Russian data).

### **Agenda Item 5 – Performance Indices**

#### *IP03 – MET PI Tool*

Graham Easthope presented to the group the updates performed to the PI Tool since the last meeting (exclusion of TAF AMD from the PI calculation and 6 Minute Timeliness metric removed for TAFs). The DMG members questioned whether the TAF 1 hour rule from Annex 3 can be implemented.

Action DMG11-8-2: Graham will investigate whether is possible to implement the 1 hr TAF rule in the PI Tool.

For the February 2014 results, the Netherlands have kindly provided unique results for each report, however these are a combination of 2G and FTP acquirement. Moreover, the group was informed that in the future, Netherlands will stop the 2G reception and will receive solely via FTP. Therefore, it was necessary to find other monitoring results for the 2G reception. Belgium has offered to investigate on this matter.

Action DMG11-8-3: Annemiek will provide the monitoring results to Wim and Herman, who will investigate whether they will be able to provide the SADIS 2G monitoring results in the same format.

Action DMG11-8-4: Graham will investigate on the way the PI tool processes the BBB bulletins (RTD bulletins were spotted to be accepted) and inform at DMG12.

#### *WP11 – EUR METAR Issuance Times*

Annemiek presented to the group a list of actual METAR Issuance times in the EUR region that has been provided by Colin Hord. It was agreed that the list should be checked against the February 2014 monitoring and updated correspondingly.

Action DMG11-8-5: Johnny Funder will update the list of METAR issuance times according to the monitoring results and provide the updated list by 27 March.



It was agreed that the response provided to the METAR Issuance time ad-hoc group should express that from the DMG perspective there is no issue related to changes of the time of issuance, as the network capacity and bandwidth are not currently a problem.

#### *WP13 - TAF Timers Testing*

The group was presented by Graham with the results of the analysis performed by UK on the proposed timer values. The attachments to the WP showed what was actually rejected when applying the proposed timers.

Particular attention was drawn to the case of the 0600 TAF is prepared regularly the day before between 2300 and 0000 (due to stop of the programme during the night), that resulting in the distribution of TAF more than 7 hours before its validity. It was agreed by the group that persistent problems that are not compliant to Annex 3 requirements shall be handled via the PHP procedure.

Action DMG 11-8-6: Annemiek to address the problem of FTBZ18 SBGR through PHP.

Action DMG 11-8-7: The 3 ROCs to check the timers results with the February monitoring (or a special monitoring, if needed) and identify what **European** data will be systematically rejected when applying the proposed timers. The results will be presented to the next DMG and addressed through PHP.

#### **Agenda item 6: RODEX**

##### *WP03 OPMET Data Catalogue and non-FASID MET2A data*

Wim Demol presented to the group the issue related to the automatic removal of bulletins from routing lists, which when performed without sufficient notice in advance, could lead to an interruption in the provision of data required by the users.

The group pointed again that the numbering of bulletins shall respect the rule for individual or bi-lateral distribution. 30-39 bulletins should contain only required data.

Action DMG11-6-1: Annemiek will investigate what 30-39 bulletins contain not required data (not in FASID). The list will be presented to the next DMG.

There was also pointed that currently there is no exact record of the data being exchanged on a bi-lateral agreement.

##### *WP04 RODC progress report*

Johnny Funder presented a paper to the next DMG meeting with the detailed description of the project, including the current status and future developments.

It was mentioned that the RODC Catalogue and database structure should comprise all data types mentioned in the EUR OPMET Handbook, Appendix C.

It was agreed by the group that there is a need for the development of an official requirements and specifications document, in order for potential developers can properly estimate the necessary amount of work.

Action DMG11-6-2: The task force (Denmark and Belgium) will develop a consolidated requirements specification document for the RODC application and present the document to the next DMG (12).

## **Agenda Item 11 – EUR Documents**

### *FTP Sites*

There was a discussion on the utility for maintaining the FTP sites, as the recordings show only very limited activity and need for update.

Action DMG11-11-1: Patrick, Wim and Michael will take action for the public part of the FTP sites being discontinued.

Action DMG11-11-2: DMG members will investigate and propose ways of progress with the development of the DMG website. MID region representatives were also invited to visit the website and suggest improvements.

In order to improve the collaborative working between the group members, there was mentioned that alternative to the e-mail exchange other methods could be used.

Action DMG 11-11-3: M. Pichler will present a proposal for method of collaborative working on documents (OneDrive, Google Space, Dropbox, etc).

It was mentioned, though, that many members could not possibly have access from the office to these alternatives.

### *WP15 – Offshore Installations*

Following the discussion at the DMG10 meeting, the UK contacted the SADISOPSG Secretary for guidance on how to ensure Offshore Structure locations listed in the Met Table 1 C are distributed on SADIS and WIFS. It was suggested that if states have locations listed in the Table MET 1C that they wish to be distributed, they request from ICAO for these to be added to the Table MET 2A.

Action DMG11-11-3: Annemiek will contact ICAO Paris through the Dutch ICAO focal point and inform that the desired information from the offshore structures be included into Table MET 2A.

### *WP7 - EUR OPMET Data Handbook - Updates*

There was noted that currently the SADIS Gateway Group does not exist anymore, so the Figure 1 in the Handbook needs to be updated accordingly. Also, ODAG references shall be removed and “common membership” removed as well.

It was agreed that minor corrections can be applied at any time, with “Track Changes” and published on the ICAO website with the remark “Subject to EANPG/COG approval”. Once approved, changes will be incorporated (track changes will disappear).

Action DMG11-11-4: Johnny and Michael will do the above mentioned updates to the Handbook and forward it to Christopher.

Action DMG11-11-5: In the DMG report, a caveat will be included to mention that an updated draft version is published and available on the ICAO website.

### *Dates and location of the next meetings*

DMG12: 17-19 June 2014, Constanta, Romania

DMG13: 28-30 October, Vienna

DMG14: 24-26 March 2015, De Bilt

DMG15: Dates tbd, Toulouse.

**List of actions resulted after DMG10**

Ag. Item/BMG	Action item	Responsible	Target date
DMG6-5-1	Common understanding of the PI data definition (what is NIL, no data, data) and document that with examples. Information on requirements will be sent to Annemiek by Ed Boorman	A. den Uijl G. Easthope H. Swinnen	
	<b>DMG09</b>		
DMG09-4-7	In the calculation of the PIs, a NIL report shall always recorded as “not received”. That needs to be highlighted to the states in the DMG report for the next METG meeting.	P. Simon	METG
DMG09-6-6	Prepare WP on the NOC back-up procedures – guidelines to be followed when a NOC is not able to distribute its data via normal means.	G. Easthope J. Funder C. Keohan	DMG10
	<b>DMG10</b>		
DMG10-4-4	Indicate duplicates in the next monitoring results	ROC London	
DMG10-4-6	Filter the tables containing METNO compliance to keep only data that is required.	H. Swinnen	DMG11
DMG10-4-7	Provide the monitoring results for data received via AFS only (and via GTS for their area of responsibility).	Monitoring centres.	DMG13
DMG10-4-8	Work on the monitoring results presentation and come with a proposal for the next DMG meeting.	A. den Uijl P. Simon H. Swinnen G. Easthope?	DMG12
DMG10-4-13	Include in DMG report the proposal to reduce SIGMET monitoring frequency	P. Simon	METG24
DMG10-7-1	Verify information in table 2 of Appendix E (Responsibility and Address Information Table)	All centres	DMG11
DMG10-9-1	Restructuring of the DMG Agenda	P. Simon A. den Uijl	DMG11
	<b>DMG11</b>		
	Update the “Scope & Goals” chapter of the ConOps document for a better description related to SWIM transition	P. Simon	
DMG11-10-2	Introduce in the ConOps provisions related to the WMO model (including reference to documentation, URL links, etc)	P.Simon W. Demol A. den Uijl	
DMG11-10-3	Compile the revised ConOps following remarks from Hong Kong and DFS and distribute it to the DMG members	P. Simon	
	Update the ConOps document as agreed during the meeting.	DMG members	
DMG11-10-4	Investigate were the considerations related to IWXXM usage by RODBs fit into the ConOps and prepare a proposal as a WP	RODBs	DMG12

DMG11-3-1	Include in the DMG report to METG24 information that DMG performed the monitoring of RWY state group usage and the results were presented to ICAO Paris	P. Simon	METG24
DMG11-2-1	ROC London monitoring tool will be upgraded for the next monitoring exercise in September 2014. Information on the subject will be presented to DMG12	G. Easthope	DMG12
DMG11-4-1	Solve the routing issues related to distribution of ASIA/PAC Sigmet messages to the centres in the EUR Region	ROC London and Toulouse	DMG12
DMG11-8-1	Analyse the double routing monitoring results and derive corresponding actions in the PHP for each ROC	A. den Uijl	DMG12
DMG11-8-2	Investigate whether is possible to implement the 1 hr TAF rule in the PI Tool	G. Easthope	DMG12
DMG11-8-3	Provide the monitoring results to Belgium, who will investigate whether they will be able to provide the SADIS 2G monitoring results in the same format.	A. den Uijl W. Demol H. Swinnen	DMG12
DMG11-8-4	Investigate the way the PI tool processes the BBB bulletins (RTD bulletins were spotted to be accepted) and inform at DMG12	G. Easthope	DMG12
DMG11-8-5	Update the list of METAR issuance times according to the monitoring results	J. Funder	27 March
DMG 11-8-6	Address the problem of FTBZ18 SBGR through PHP.	A. den Uijl	DMG12
DMG 11-8-7	Check the timers results with the February monitoring (or a special monitoring, if needed) and identify what European data will be systematically rejected when applying the proposed timers. The results will be presented to the next DMG and addressed through PHP	ROCs	DMG12
DMG11-6-1	Investigate what 30-39 bulletins contain not required data (not in FASID). The list will be presented to the next DMG	A. den Uijl	DMG12
DMG11-6-2	Develop a consolidated requirements specification document for the RODC application and present the document to the next DMG	J. Funder H. Swinnen W. Demol	DMG12
DMG11-11-1	Take action for the public part of the FTP sites being discontinued.	P. Simon H. Swinnen M. Pichler	DMG12
DMG11-11-2	Investigate and propose ways of progress with the development of the DMG website. MID region representatives were also invited to visit the website and suggest improvements	DMG members	DMG12
DMG11-11-3	Contact ICAO Paris and inform that agree that the desired information from the offshore structures be included into Table MET 2A	A. den Uijl	DMG12
DMG11-11-4	Update the Handbook and forward it to ICAO Paris.	J. Funder M. Pichler	DMG12
DMG11-11-5	In the DMG report, a caveat will be included to mention that an updated draft version is published and available on the ICAO website.	P. Simon	METG24