REPORT OF THE DATA MANAGEMENT GROUP

SEVENTEENTH MEETING

(London, 15-17 March 2016)

The seventeenth meeting of the Data Management Group was held from 15 to 17 March 2016 in NATS Offices in London, and was attended by the following participants:

List of participants

Mr. Herman Swinnen	Belgium
Mr. Wim Demol	Belgium
Mr. Patrick Simon	France (Chairman)
Mr. Laurentiu Brojboiu	Romania (Secretary)
Mr. Igor Arestov	Russian Federation
Mrs. Tatiana Streltsova	Russian Federation
Mr. Graham Easthope	United Kingdom
Mr. Stuart Dingle	United Kingdom
Mr. Chris Tyson	UKMO
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
DMG17 WP01 - Agenda

2. Approval of the DMG 16 report
DMG17 WP02 - DraftReport_DMG16

3. Actions from previous meeting
DMG17 - DMG16 action list

4. Information from other groups

ICAO
DMG17 WP03 ICAO Items with Attachments:
Attachment A - EUR Air Navigation Deficiencies (18feb2016)
Attachment B - States with Missing AIREP headers in EUR Region.
Attachment C - Follow-Up EANPG Conclusion 57_25
Attachment D - IROG map (22oct2015)
Attachment E - DMG Terms of Reference

EUR
EANPG, COG
METG
AFSG, AFSP/PG
VA

Coordination with other regions
See IWXXM

Global Groups

WG-MIE
MOG/SADIS

WMO
TT AvXML

5. **IWXXM**

CONOPS
DMG17 WP08 IWXXM Conops Revisions
AFS/PG outcome
WG-MIE outcome

Actions and coordination to be done for the next year
Workshop
IWXXM survey
testing platform
DMG17 WP07 – RODB RQX

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

Systematically wrong formatted/coded OPMET data

Monitoring results (actions PHP)

PHP
DMG17 WP05 PHP_Progress_Report March 2016
Proposed action plans

Missing data   & Routing problems
Monitoring results (actions PHP)
DMG17 WP12 OPMET Monitoring Results (Feb 2016)
DMG17 IP01 ASIA/PAC SIGMET Monitoring
Special AIREP monitoring
DMG17 WP11 Special AIREP Monitoring (Feb2016)
DMG17 WP04 Special AIREP 5 Months Monitoring
PHP
Proposed action plans
Support to the new eANP Volume III – MET

7. **Performance indices**

8. **Consolidated set of time values**
DMG17 WP06 TAF Timer Changes

9. **RODEX**

RODC

ROC Back-up procedures/ contingency arrangements

London   → Toulouse
Toulouse → Vienna
Vienna   → London

10.   EUR Documents

DOC 018 Handbook
DMG17 WP10 EUR OPMET DB ICD
DMG17 WP13 EUR Doc update for IWXXM
Presentation document of the DMG and its activities
DMG17 WP09 FASID Met 2A SUG Annex 1 Replacement

11. Next meetings

12. AOB

Agenda Item 2: Adoption of DMG16 Report

The group reviewed and approved the DMG16 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 DMG16 meeting. The completed tasks were erased from the list (highlighted in yellow; see comments).

List of actions resulted after last DMG meeting

Ag. Item/BMG	Action item	Responsible	Target date
	DMG15		
DMG15-4-1	Contact Finland on the conformity with Amd. 73 for the SAFI32-34 bulletins, mentioning that this will be included in the deficiencies database if not solved.	C. Keohan G. Easthope	METG25
DMG15-6-5	Derive action plans for ROC Toulouse and London on double reception and reports in more than one bulletin.	M. Pichler	DMG16
DMG15-6-6	Contact centres in their AoR or the corresponding IROGs to stop additional provision of OPMET data. If it is a systematic deficiency, raise that through PHP	ROC Toulouse ROC London	DMG16
DMG15-9-4	Check with ICAO whether the updated MET 2A table can still be made available, as an essential source for updating the RODC catalogue	C. Keohan	DMG16
DMG15-9-7	Prepare a WP for the next MET IE meeting (November 2015) having the subject the necessity to have a global database of SIGMET headers and a procedure to periodically update this database	P. Simon C. Keohan G. Easthope	Nov. 2015
DMG15-9-8	Prepare a WP for the MIE to show the need for a reliable source of metadata	P. Simon	Nov. 2015

DMG15-9-1	Coordinate and check the procedure for ensuring data to SADIS when ROC London is backed-up by ROC Toulouse	P. Simon G. Easthope	DMG16
DMG15-9-2	Implement the new AFTN addresses and perform a test	ROCs	DMG17
DMG15-9-3	Update the ROC backup procedure to remove the references to other data sources apart from AFS or GTS	M. Pichler	DMG16
DMG15-8-3	Check the values of the timers used for the monitoring and will filter data (only EUR and excluding typos) for an easy depiction of deficiencies.	M. Pichler	DMG16
DMG15-10-2	Revise its corresponding tables in the OPMET Distribution Determination table (ROC-NOC and ROC-IROG) and verify/complete the AFTN addresses, CCCC for the NOCs, etc	ROCs	DMG16
DMG15-10-3	Optimise the structure of the Distribution Determination table for a better readability	M.Pichler H.Swinnen	DMG16
	DMG16		
DMG16-4-1	DMG shall organize a test and monitoring of Special AIREP in February 2016 in order to identify routing problems and other issues related to these messages. The results will be reported to METG26. M. Pichler will also distribute information to the EUR states related to the planned test. The contact list for SIGMET tests will be used for this occasion too.	M. Pichler	Feb 2016
DMG16-4-2	Perform a verification regarding the usage of runway state group(s) in METAR and SPECI in accordance with Annex 3, Table A3-2 (Russia, Luxembourg) and communicate the results to ICAO Paris	J. Funder	EANPG57
DMG16-4-3	Cross-check the inventory of SIGMET headers with the latest monitoring data in order to identify discrepancies	M. Pichler	DMG17
DMG16-4-4	Establish the Sp AIREP headers used by Russian Federation	P. Simon C. Keohan O. Petrova	DMG17
DMG16-4-5	Obtain the headers for Special AIREP messages used by Malta and Portugal.	P. Simon	DMG17
DMG16-6-1	Provide the WIFS OPMET monitoring results from September 2015	P. Simon	Nov 2015
DMG16-6-2	Check the September 2015 monitoring results and derive PHP tickets	G. Easthope H. Swinnen C. Keohan	Dec 2015
DMG16-6-3	Check the correct SIGMET headers used by Finland, Georgia, Ireland, Spain and Switzerland	C. Keohan	DMG17
DMG16-6-4	Update the SIGMET monitoring procedure to cover the planned result reporting format based on CSV and inform in due time the States on the possibility to use this new format	M. Pichler	Feb Monitoring
DMG16-6-5	Review/update/provide their credentials for accessing the PHP Ticketing application to H. Swinnen who will take actions to implement this into the new version of the application	DMG members H. Swinnen	DMG17
DMG16-9-1	Update the RODC SD with the conclusions on the outstanding issues (DMG16 WP04)	J. Funder	DMG17
DMG16-8-1	Work on the results of the latest monitoring for the EUR aerodromes listed in MET2A in order to depict systematic deviations from the threshold values agreed for the	M. Pichler W. Demol H. Swinnen	DMG17

	timers. The systematic deficiencies will be addressed via PHP and presented at DMG17		
DMG16-5-1	Prepare a WP for the next AFSG meeting (18-22 Apr 2016) on the planning implementation of AMHS links by the States to their associated ROC. The WP will be discussed during the next DMG meeting	P. Simon	DMG17
DMG16-5-2	Prepare a draft version of the state letter on the TAC to XML delegation and will present that at DMG17	C. Keohan	DMG17
DMG16-5-3	Work on a proposal for the new structure of the Eur Doc 018 in order to include provisions related to IWXXM exchange	H. Swinnen L. Brojboiu	DMG17
DMG16-5-4	Prepare a WP for the next AFSG meeting urging States that already implemented (or are in a position to do so) the IWXXM exchange to share their experience on this subject, including technical elements regarding interfacing with the AMHS systems	G. Easthope	DMG17
DMG16-5-5	WP in support of changing the provisions related to RQX sent as FTBP	W. Demol	DMG17
DMG16-5-6	Draft update for the EUR RODBs ICD including IWXXM support	W. Demol	DMG17
DMG16-5-7	Progress report on the development of software applications for depiction of systematic TAC coding errors	P. Simon	DMG18
DMG16-12-1	Amend the METNO Update Procedure to include provisions related to announcing changes of the standard observation time of METAR messages	H. Swinnen	DMG17

Agenda Item 5 - IWXXM

The group decided to continue the meeting with issues on the agenda no. 5, in order to take advantage of the presence of Stuart Dingle, member of AFS-PG.

IP02 - Guidelines for the Implementation of OPMET Data Exchange using IWXXM

Patrick Simon presented to the group the outcome of the MET/P WG-MIE meeting (October 2015). Based on the Concept of Operations developed by DMG and approved by METG25, the WG-MIE updated the initial draft of the "Guidelines for the Implementation of OPMET Data Exchange using IWXXM". One single important difference was mentioned, namely related to the way the IWXXM requests are sent to the RODBs. On this matter it was noted the agreement that IWXXM requests shall be sent as Text Body Part and the CONOPS document shall be updated accordingly (WP07 discusses later during the meeting).
The group was also informed on specific discussions that still need to be addressed in the future, like the inclusion of test messages in the schema (with caution as the translation TAC to XML may be affected) or the case when only a partial decoding/conversion from TAC to XML is possible (what shall be the result of this conversion).

WP07 - IWXXM OPMET Databank requests

The current version of the CONOPS document (adopted by ICAO and posted as Doc. EUR033) stated that the IWXXM data requests through AMHS used FTBP. Wim Demol presented to the group an inventory of pros and cons for this method and suggested a more natural usage of Text Body Parts for the requests. As this option was fully supported by other members of the group (Austria, France) and it is actually included into the Guidelines proposed by WG-MIE, it was agreed to adopt it and to propose to METG26 the update of the EUR Doc. 033.

Action DMG17-5-1: Wim Demol will update the CONOPS document (Eur Doc 033) with respect to the usage of Text Body Part for RQX requests.

Flimsy 01 – IWXXM - AMHS Requirements

Herman Swinnen presented to the group a listing of pending questions on the requirements related to AMHS usage for IWXXM data exchange. It was mentioned that clarifications are needed in support of writing the technical specifications for the upgrade of the systems for IWXXM exchange. The group went through the topics one by one and most of them were clarified during the discussions. It resulted that some of the issues are to be decided at State level (IWXXM schema version, data display, data archive and retrieve, virus checking, etc). There were also depicted topics (like maximum size, compression algorithm, AMHS details) that can not be decided by DMG but need to be addressed to other bodies for decision (MIE or even IMP). It was agreed that a coordinated decision shall be taken at global level, and in support of that the DMG will make the appropriate proposals.
It was also noted that following the implementation of IWXXM, many working procedures of DMG need to be updated as well (for instance, the monitoring procedure).

WP08 - European Doc 33 IWXXM CONOPS Revisions

Graham Easthope presented to the group the current situation regarding the harmonisation between the global and the regional documentation on the IWXXM implementation. It was mentioned that WG-MIE is going to adopt "Guidelines for the Implementation of OPMET Data Exchange using IWXXM" as a global guidance, while the current regional document is "Concept of Operations for the Transition of OPMET Data Exchange Using IWXXM"- Eur. Doc. 033. As the RODEX Exchange mechanism has a responsibility for the exchange of data not only within the region but also inter-regionally, it was considered necessary that the regional document be kept in harmony with the global guidance. As such, whenever significant changes occur to the global guidance (not very dynamic, though), those need to be reflected also in an updated regional document. In turn, whenever the EUR region identifies a change that need to be reflected in the global guidance, a recommendation shall be made to WG-MIE through working papers presented by the national representatives.

Action DMG17-5-2: P. Simon and C. Tyson will inform permanently DMG on the changes that WG-MIE adopt for the Guidelines, in order that the regional document be updated accordingly.
Likewise, when DMG proposals for the update of the regional document come in contradiction with global guidance, those shall be firstly presented as recommendation to WG-MIE (through States representatives to WG-MIE).

The group considered also the necessity of renaming the Eur Doc 033. A possible alternative could be "Handbook", but that will be discussed during the next DMG meeting and the proposal will be presented at METG26.

IP03 - AMHS profile for the IWXXM data exchange (WP11 AFSG-PG62)

Stuart Dingle presented to the group the WP11 discussed during AFSG-PG62 (Greece, Feb. 2016), which proposed an AMHS profile for the exchange of IWXXM data. It contained proposals for a detailed specification of X.400 and AMHS parameters to be adopted for conveyance of IWXXM data using FTBP. It was noted that the paper should be updated for inclusion of new data types covered by the schema (AIRMET, VAA and TCA) as well as for proposal of compression type to be used. A working paper will be presented to AFSG meeting in April 2016.

Action DMG17-5-3: P. Simon and S. Dingle will present a WP/IP to the next AFSG meeting regarding the update of the AMHS profile for the exchange of IWXXM data (new data types AIRMET, VAA and TCA, compression technique).

It was considered that following its adoption the document will become a very valuable source of information that will be used for deriving the requirements and specifications for the MET systems that will be forwarded to manufacturers in the process of transition to IWXXM.

It was also noted that AFSG need to be informed on the progress to IWXXM transition in the MET domain. In this respect, P. Simon will present an IP to AFSG meeting.

Action DMG17-5-4: P. Simon will present to the next AFSG meeting (April 2016) an IP with the status report from the MET domain on IWXXM transition.

Agenda Item 4:   Information from other groups

WP03 – ICAO Items

C. Keohan presented to the group the progress recorded with DMG actions from ICAO side.
On the problem of updating Table MET 2A (not updated for the last two years), ICAO mentioned that it has no jurisdiction on non-AOP aerodromes. Nevertheless, there are requirements from airlines (through IATA) for OPMET data from non-AOP aerodromes. ICAO implemented the electronic EANP, where OPMET availability (for the AOP aerodromes only) will be provided by the new TABLE MET II-2 - Aerodrome Meteorological Offices. But for the non-AOP aerodromes there is no such information and this affects the DMG functions (maintaining databases, monitoring, validation, etc).
The group agreed that a request for guidance on this situation will be requested to the WG-MOG (Meteorological Operations Group) meeting in June 2016. The IATA representative is expected to attend the meeting as well.

Action DMG17-4-1: UK and France representatives will raise to WG-MOG (June 2016) the situation with lack of information for non-AOP aerodromes which affects DMG (ICAO) functions. A history of this situation will also be included (C. Tyson will extract from SADISOPSG documents).

This group decided that the situation with non-AOP aerodromes shall be presented to METG in the next DMG report, pointing that the PHP actions and the PIs are only considered for AOP aerodromes.

Action DMG17-4-2: P. Simon will include in the DMG report to METG statement that PHP and PI cover only AOP aerodromes. It will also ask permission for DMG to address the EUR States (directly or through METG) on non-AOP aerodromes that are required by IATA.

While discussing on this subject, the *WP09 - FASID Met Table 2A/SUG Annex 1 Replacement* was also presented by G. Easthope. It was noted the impact on the DMG activities that the changes to Table MET II-2. ICAO informed that the tables will be published on the ICAO website in late May. It was noted that the monitoring and PHP will be based on the electronic EANP tables (AOP aerodromes only). With regard to the format of the table, the csv format was considered appropriate but it was mentioned the need to remove the non-standard (UTF-8) characters.
It was also mentioned the need to update the Eur Doc 018 with respect to the references to SUG An. 1 (FASID 2A).

Action DMG17-4-3: The Eur Doc 18 (OPMET Handbook) need to be updated to replace references to SUG Annex 1 (FASID 2A) with Table MET II-2.

Action DMG17-4-3a: Herman and Graham to review the FASID MET 2A table format requirement to provide the requirements to ICAO to produce a similar format for the new table MET II-2.

Discussions returned after that back to ICAO activities presentation.

On the compilation of the SIGMET headers used globally, C. Keohan informed that a first draft global database was provided in November 2015 for consideration by the WG-MIE. In order to validate this database, a cross-check with monitoring results was considered necessary.

Action DMG17-4-4: P. Simon and C. Keohan will cross-check the SIGMET headers database provided by ICAO with the results of a 3 month monitoring period and verify with other Regions at the IWXXM workshop from 31 May to 2 June 2016.

With regard to the Special Air-Report headers used by the Russian Federation, a proposal was provided in Appendix B. It was noted that the Russian Federation informed the ICAO EUR/NAT RO that they are preparing detailed rules for AIREP messages dissemination. A progress report was expected for next DMG.

Action DMG17-4-5: Russian Federation delegate will inform DMG18 on the progress recorded for the implementation of the special air-report headers.

The draft Terms of Reference of DMG were presented to the group. The DMG members discussed and made general considerations, like:
- the need to concentrate on the concrete activities of DMG
- having generic aspect, for stability (no need to amend too frequently)
- request for ICAO participation for at least two meetings per year.
It was agreed to revise the ToR for the next DMG meeting.

Action DMG17-4-6: P. Simon and C. Keohan will revise the Terms of Reference of DMG before the AFSG meeting in Paris. The revised version will be presented at DMG18.

The group recalled that a draft version of DMG presentation was developed. It was agreed to revise that presentation.

Action DMG17-4-7: W. Demol and P. Simon will work together to revise the DMG presentation and present that to DMG18.

With respect to the TAC to XML translation delegation, C. Keohan presented a draft of the State Letter prepared for distribution on this subject. It was raised that the next Amendment to Annex 3 only recommends the exchange of OPMET data in digital format, therefore a need to delegate the translation would be premature. The content of the State Letter will be discussed again during DMG18 in light of outcomes of the IWXXM workshop.

Information from other groups

The group was informed by C. Keohan on the outcome of the MIDAMC STG3 meeting, with respect to the AMHS plan for ROCs Jeddah and Bahrain. It was mentioned that transition to AMHS is in place or in progress for Cairo, Beirut, Tunis and Jeddah. The group was also informed on the ATS Extended Services Trial for the exchange of FTBP messages to be performed in the MID region. It was considered as useful information also for the EUR Region.

Action DMG17-4-8: P. Simon will forward the ATS Extended Services Trial document to DSNA for review and based on that will produce a WP for the next AFSG.

The group was informed on the current status of AMHS links implementation in Europe and the planned implementation during the next period. It was pointed that at first the links between the ROCs and the RODBs are mandatory, as are the links to the other IROGs.

The ICAO Workshop on IWXXM
The group discussed on the expected participation to the workshop. It was presented the agenda of the workshop.

It was mentioned on the agenda that a presentation of the Guidelines (the global document) shall be made by WG-MIE – to be established (during the webex meeting)who is going to do the presentation on behalf of MIE.
A number of other issues were mentioned to be clarified / discussed:
- the number of attachments(FTBP)
- the compression used
- the minimum / maximum size
- validation on ROC level
- approval of validation tools
- virus check

Agenda Item 10 – EUR Documents

WP10 EUR OPMET DB ICD Update
W. Demol presented to the group the update of the EUR RODBs ICD regarding the IWXXM request/reply procedures.

Action DMG17-10-1: W. Demol will update the ICD of the RODBs in the EUR OPMET Handbook with respect to the request/reply procedures for IWXXM data. The revised document will be presented to DMG18.

It was mentioned that RODBs may choose to use different addresses for TAC and IWXXM requests. In order to have the correct addresses in the document, the three RODBs will need to provide the AMHS address to be used for RQX interrogations.

Action DMG17-10-2: The three RODBs will provide the AMHS addresses that will be used for the RQX requests (to be included into the ICD).

With regard to the reference to be used as the common DB catalogue, it was agreed that the requirements present in the electronic ANP shall constitute the minimum requirements that DB shall fulfil.

WP13 – Update of OPMET Handbook related to IWXXM
L. Brojboiu presented to the group a draft proposal related to the update of the EUR OPMET Handbook with respect to IWXXM data exchange. There were presented the main sections of the document that were identified as requiring updates. There was agreed on continuation of work on the document and a concrete proposal be made for the next DMG meeting.

Action DMG17-10-3: L. Brojboiu and H. Swinnen will continue working on update of the EUR OPMET Handbook related to IWXXM implementation and present a draft version to DMG18.

Agenda Item 6 - EUR OPMET Data Monitoring results & action plans. PHP manager report

WP11 – Special AIREP Monitoring

A teleconference was organised such that M. Pichler was able to join the meeting. He presented the results of the Special AIREP Monitoring organised in February 2016. As that was the first time when the new reporting procedure was used, a number of shortcomings were encountered. Those were presented to the group and included situations like: wrong file naming, extra columns added, more entries in the source field, etc. The group was also informed that the procedure itself and the partial results are already available on the DMG website. The final results with the routing deficiencies highlighted will also be compiled in an Excel file and published when it will become available. The following actions were derived:

Action DMG17-6-1: M. Pichler will derive the final results of the Special AIREP monitoring with the routing deficiencies grouped per ROC and will upload those to the PHP and derive PHP tickets (G. Easthope will support).

Action DMG17-6-2: M. Pichler will review the WS/WV/UA monitoring procedure to exclude the problems encountered during first UA monitoring.

Based on the result of this first Special AIREP monitoring and of the regular monitoring in September 2016, the group will decide whether another supplementary monitoring is needed in February 2017 and inform METG accordingly.

IP01 – ASIA/PAC SIGMET Monitoring
M. Pichler presented to the group the results from the yearly SIGMET monitoring performed in the ASIA/PAC Region (November 2015). The results from Vienna, London and Brussels were forwarded to MET/IE/WG 14 in Bangkok (March 2016).
The group decided that a verification should be done between the SIGMET headers list available for that region and the monitoring results. Based on the discrepancies found, actions will be taken to update/correct the routing or to amend the inventory list (through the corresponding ICAO RO).

Action DMG17-6-3: G. Easthope and C. Keohan will cross-check the results of the ASIA/PAC SIGMET monitoring (nov. 2015) with the SIGMET headers inventory in order to depict discrepancies.

WP04 – Special AIREP (5 month monitoring)
P. Simon informed the group on the results of a monitoring test performed by ROC Toulouse over a period of 5 months (01.09.2015-31.01.2016), when all the received UA messages with ii=60-70 were collected. The results were represented on a coloured map showing the number of messages received per State during the monitoring period. There were noted States for which no messages or very few messages were received. It was decided that following the addressing of routing deficiencies as per action DMG17-6-1, another monitoring be performed for a similar period and the results be presented to METG. Appropriate mentions shall be included to use caution for the interpretation of the results, and also providing possible causes for the poor results (wrong ii usage, poor communication between ACC and MWO or airlines and ACC).

WP05 – PHP Report
G. Easthope presented to the group the PHP tickets progress from June 2015 – March 2016.
There were noted the difficulties encountered with closing tickets opened by Annemiek. It was agreed that for this time, her credentials be updated and made available to the new PHP manager who will take action to close the corresponding tickets and afterwards close down her account. In the long run, a note should be included in the PHP procedure to provide guidance for such situations.

Action DMG17-6-4: G. Easthope will provide to H. Swinnen the text to update the PHP Procedure with respect to situations when the problem reporter become unavailable (retired, moved to another position, etc.).

It was also recalled the agreement that only required data need to be addressed by the procedure. In this respect, a filtering of the existing tickets against the eANP was needed, after the tables are made available by ICAO (late April 2016).

Action DMG17-6-5: G. Easthope will filter the PHP tickets to address the required data only (data in eANP tables).

H. Swinnen suggested that new types of problems can be defined and made available through the procedure. It was agreed that information on this new types or categories be gathered and analysed by the group before implementing them.

H. Swinnen informed also the group that the manual of the ticketing application is available on-line. A bulletin board is also available for making announcements to all the users. There are also guidance sections (like "How-to" or FAQ) available.

WP12 OPMET Monitoring Results

H. Swinnen presented to the DMG members the details of the latest monitoring exercise in February 2016, followed by the presentation of the results grouped in ten work packages. It was pointed that the results are based on FASID Table MET 2A as received from ICAO in February 2016.
Discussions run into detail regarding one of the workbooks – Error Stations Monitored – where a listing of monitored stations which are not present in eANP or Doc. 7910 had been presented. Apart from parsing errors (parts of date/time group or evolution indicator interpreted as location indicator), there were noted several stations which are not listed in 7910. It was mentioned that for the current activities of the DMG, particularly for filtering the monitoring results and highlight to the regions the wrong usage of location indicators, an electronic version of 7910 would be desired.

Action DMG 17-6-6: P. Simon will prepare a dedicated WP for METG to state the necessity of an electronic version of Doc 7910 in support of the current activities of DMG (related to filtering the results and depicting wrong usage of location indicators).

With regard to the SUG Annexes 2&3, those need to be updated for the Feb monitoring results and FASID 2A new version. It was agreed that these will be presented to MOG (including the necessary caveats).

Action DMG17-6-7: H. Swinnen will provide the updated SUG Annexes 2&3 to G. Easthope and C. Tyson who will present those to MOG.

Flimsy 02 - EUR OPMET Update Procedure

A new version of the Appendix B of the procedure will be prepared to include the modifications discussed during the meeting (including forms, templates, etc).

Action DMG17-6-8: H. Swinnen will prepare a new version of the Appendix B of the EUR OPMET Update Procedure to include the agreed modifications related to METAR observation time changes.

Agenda Item 8 – Consolidated Set of Time Values

WP06 – TAF Timer Changes
W. Demol presented to the group the results of the comparison of the validation with the old and new timer sets. The comparison was made for the TAF messages from stations listed in the EUR eANP and over the first 3 days of the Feb 2016 monitoring. When analysing the results, it was noted a significant number of messages not passing validation for the new T5 value (60 minutes), namely 10% for FC and 14% for FT. This percent is significantly smaller if greater values (70-120 mins) are applied. A short investigation revealed causes related to local practices and deviations from ICAO rules. It was agreed that these deviations need to be addressed through the PHP.

Action DMG17-8-1: W. Demol will derive PHP tickets (one ticket per State) for the EUR region data rejected if T5=60' is applied.

Regarding the future implementation of the new timer values far validation of EUR data, it was concluded that first we need to wait for the results of the PHP tickets solving and then decide on the details of the implementation.

It was also mentioned by G. Easthope that ROC London is not currently able to apply different validation rules for EUR and non-EUR data.

Agenda Item 11: Next DMG Meetings

Dates and location of the next meetings

DMG18: 21-23 June 2016, Copenhagen.

DMG19: 17-19 October 2016, ICAO Paris

DMG20: (tbc) March 2017, Brussels

Agenda Item 12: Any Other Business

H. Swinnen raised the question that when IWXXM will be produced, where will those be distributed. It was agreed that the current requirement is that data made available to the ROCs and RODBs. The distribution further to the NOCs will be done as established between the NOC and its responsible ROC.

H. Swinnen informed that if catalogues are to be derived, the working tables of DMG can be used to derive such catalogues (for SIGMET, AIRMET or any other type of OPMET data). That was appreciated by DMG and it would be considered further.

List of actions resulted after DMG17

Ag. Item/BMG	Action item	Responsible	Target date
	DMG15		
DMG15-6-5	Derive action plans for ROC Toulouse and London on double reception and reports in more than one bulletin.	M. Pichler	DMG16
DMG15-9-4	Check with ICAO whether the updated MET 2A table can still be made available, as an essential source for updating the RODC catalogue	C. Keohan	DMG16
DMG15-9-1	Coordinate and check the procedure for ensuring data to SADIS when ROC London is backed-up by ROC Toulouse	P. Simon G. Easthope	DMG16
DMG15-9-2	Implement the new AFTN addresses and perform a test	ROCs	DMG17
DMG15-9-3	Update the ROC backup procedure to remove the references to other data sources apart from AFS or GTS	M. Pichler	DMG16
DMG15-10-2	Revise its corresponding tables in the OPMET Distribution Determination table (ROC-NOC and ROC-IROG) and verify/complete the AFTN addresses, CCCC for the NOCs, etc	ROCs	DMG16
DMG15-10-3	Optimise the structure of the Distribution Determination table for a better readability	M.Pichler H.Swinnen	DMG16
	DMG16		
DMG16-4-4	Establish the Sp AIREP headers used by Russian Federation	P. Simon C. Keohan	DMG17

		O. Petrova	
DMG16-4-5	Obtain the headers for Special AIREP messages used by Malta and Portugal.	P. Simon	DMG17
DMG16-9-1	Update the RODC SD with the conclusions on the outstanding issues (DMG16 WP04)	J. Funder	DMG17
DMG16-5-7	Progress report on the development of software applications for depiction of systematic TAC coding errors	P. Simon	DMG18
DMG16-12-1	Amend the METNO Update Procedure to include provisions related to announcing changes of the standard observation time of METAR messages	H. Swinnen	DMG17
	DMG17		
DMG17-5-1	Update the CONOPS document (Eur Doc 033) with respect to the usage of Text Body Part for RQX requests	W. Demol	DMG18
DMG17-5-2	Inform permanently DMG on the changes that WG-MIE adopt for the Guidelines, in order that the regional document be updated accordingly.	P. Simon C. Tyson	Permanent
DMG17-5-3	Present a WP/IP to the next AFSG meeting regarding the update of the AMHS profile for the exchange of IWXXM data (new data types VAA and TCA, compression technique)	P. Simon S. Dingle	AFSG
DMG17-5-4	Present to the next AFSG meeting (April 2016) an IP with the status report from the MET domain on IWXXM transition	P. Simon	April 2016
DMG17-4-1	Present to WG-MOG (June 2016) the situation with lack of information for non-AOP aerodromes which affects DMG (ICAO) functions. A history of this situation will also be included (C. Tyson will extract from SADISOPSG documents).	UK and France representatives	April 2016
DMG17-4-2	Include in the DMG report to METG statement that PHP and PI cover only AOP aerodromes. It will also ask permission for DMG to address the EUR States (directly or through METG) on non-AOP aerodromes that are required by IATA.	P. Simon	METG26
DMG17-4-3	The Eur Doc 18 (OPMET Handbook) need to be updated to replace references to SUG Annex 1 (FASID 2A) with Table MET II-2	J. Funder	DMG18
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
DMG17-4-5	Inform DMG18 on the progress recorded for the implementation of the special air-report headers	Russian Federation	DMG18
DMG17-4-6	Revise the Terms of Reference of DMG before the AFSG meeting in Paris. The revised version will be presented at DMG18	P. Simon C. Keohan	DMG18
DMG17-4-7	Revise the DMG presentation	W. Demol P. Simon	DMG18
DMG17-4-8	Forward the ATS Extended Services Trial document to DSNA for review and based on that will produce a WP for the next AFSG	P. Simon	AFSG
DMG17-10-1	Update the ICD of the RODBs in the EUR OPMET Handbook with respect to the request/reply procedures for IWXXM data.	W. Demol	DMG18
DMG17-10-2	The three RODBs will provide the AMHS addresses that will be used for the RQX requests (to be included into the	RODBs	DMG18

	ICD)		
DMG17-10-3	Work on update of the EUR OPMET Handbook related to IWXXM implementation and present a draft	L. Brojboiu H. Swinnen	DMG18
DMG17-6-1	Derive the final results of the Special AIREP monitoring with the routing deficiencies grouped per ROC and will upload those to the PHP and derive PHP tickets (G. Easthope will support).	M. Pichler	DMG18
DMG17-6-2	Review the WS/WV/UA monitoring procedure to exclude the problems encountered during first UA monitoring	M. Pichler	DMG18
DMG17-6-3	Cross-check the results of the ASIA/PAC SIGMET monitoring (nov. 2015) with the SIGMET headers inventory in order to depict discrepancies	G. Easthope C. Keohan	DMG18
DMG17-6-4	Provide the text to update the PHP Procedure with respect to situations when the problem reporter become unavailable	G. Easthope H. Swinnen	DMG18
DMG17-6-5	Filter the PHP tickets to address the required data only (data in eANP tables)	G. Easthope	DMG18
DMG 17-6-6	Prepare a dedicated WP for METG to state the necessity of an electronic version of Doc 7910 in support of the current activities of DMG	P. Simon	METG26
DMG17-6-7	Provide the updated SUG Annexes 2&3 to G. Easthope and C. Tyson who will present those to MOG	H. Swinnen	
DMG17-6-8	Prepare a new version of the Appendix B of the EUR OPMET Update Procedure to include the agreed modifications related to METAR observation time changes	H. Swinnen	DMG18
DMG17-8-1	Derive PHP tickets (one ticket per State) for the EUR region TAF data rejected if T5=60' is applied	W. Demol	DMG18