

REPORT OF THE DATA MANAGEMENT GROUP

SEVENTH MEETING

(Toulouse, 16-18 October 2012)

The seventh meeting of the Data Management Group was held from 16 to 18 October 2012 in Meteo France premises, Toulouse, and was attended by the following participants:

List of participants

| | |
|------------------------|---------------------------|
| Mr. Michael Pichler | Austria |
| Mr. Wim Demol | Belgium |
| Mr. Johnny Funder | Denmark |
| Mr. Patrick Simon | France |
| Mrs. Annemiek den Uijl | Netherlands |
| Mr. Laurentiu Brojboiu | Romania (Secretary) |
| Mr. Edward Boorman | United Kingdom |
| Mr. Kevin Loy | United Kingdom (Chairman) |
| Mr. Herman Swinnen | Belgium |

WP 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
2. Actions from previous meeting
3. Information from other groups
4. EUR OPMET Data Update procedure and data monitoring, reporting and addressing
 - i) Routine
 - ii) Non-routine (incl. SIGMET issues)
 - iii) Volcanic Ash
 - iv) Addressing of EUR and Non-EUR OPMET data
5. Performance Indices
6. RODEX
7. Documentation
 - a) EUR OPMET Data Management Handbook
 - b) PHP
8. WXXM
9. AOB
10. Next meeting

Agenda Item 3: Actions from the previous meeting

The group approved the DMG6 Report and reviewed the status of the actions established at the DMG06 meeting. The completed tasks were erased from the list (highlighted in yellow; see comments).

List of actions resulted after DMG06

| Ag. Item/BMG | Action item | Responsible | Target date |
|--------------|---|-------------------------|----------------|
| DMG05-2-1 | Approach DSNA for providing the AFTN addresses that NEM and VAA need to be sent to. Try to obtain missing information from Russian Federation with the help of Viktor Kourenkov, and from Germany by contacting DWD. Russian Federation information completed and global database updated. Will ask Germany the first week in July for addresses. | P. Simon C. Keohan | DMG06 |
| DMG05-2-2 | C. Keohan will verify that the ACC AFTN address list is published and maintained on-line (http://www.icao.int/safety/meteorology/iavwopsg). (note – already verified) Based on the results, DMG will prepare a paper to reference this publication in the regional volcanic ash contingency plans for the next meeting with the intention to be presented next METG. Added this item to a list of considerations by the COG when the plan is reviewed. A review of the VACP will occur as determined by the COG that would likely activate the regional volcanic ash task force to consider outcomes from the IVATF, VOLCEX, and DMG. On IAVWOPSG website, click “Release of Radioactive Material into the Atmosphere” – it is on left side of panel. Entries for Russian Federation and France were recently included. Appendix E to COG/54 working paper 17 contained this request – a link to this global database; however, the COG/54 meeting only considered high level issues associated with the VACP. This Appendix will be provided to each EANPG COG and NAT IMG meeting until items provided have been considered. | C. Keohan | DMG06 |
| DMG05-3-1 | Work on proposals for aligning SIGMET, AIRMET, special AIREP messages and eliminating inconsistencies, and forward this proposal to the MET Warning Study Group representatives for consideration | A. den Uijl P. Simon | DMG06 |
| DMG05-3-2 | Correct version of the state letter on the amended aerodrome forecast times. ICAO to notify the states. Completed | P. Simon C. Keohan | End March 2012 |
| DMG05-3-3 | Amend the EUR OPMET Handbook according to the comments presented in DMG05 WP03 | J. Funder | DMG06 |
| DMG05-6-1 | Tabletop exercise preparation to be held in Toulouse. | ROCs | DMG07 |
| DMG06 | | | |
| DMG06-4-1 | Update the EUR Doc 18 | J. Funder M. Pichler | |
| DMG6-4-2 | Provide ICAO Paris (C. Keohan) with details of the Taipei RQM problem and contact the ASIA/PAC AMC representative to as what is the correct network path to send data from Taipei into the EUR region. Raise a PHP report detailing the problem so that it can be tracked | Ed. Boorman | |

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| | properly | | |
| DMG06-4-3 | Proposal for aligning ICAO documents provision related to AIRMET messages. Present the paper to METG/22. | M. Pichler K. Loy | July 2012 METG22 |
| 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 A. Boff | |
| DMG6-5-2 | will make the PI application accessible to the users via the Internet (by username and password) and will be adapted to indicate the headers of the bulletins | UK | DMG07 |
| DMG6-5-3 | Analyse timeliness indices for the possibility of adaptation and implementation within DMG web-based tool. If affirmative WP with the detailed description of PI's (definition and method of calculation) for METG 22. | A. Boff K. Loy | METG22 |
| DMG6-6-1 | Assess the impact of the timer values for validation. Inform DMG on the outcome. Work Package for addressing properly the validation issue. | K. Loy | DMG07 |
| DMG6-6-3 | Contact Turkey to solve the problem of correcting time groups within the corresponding bulletin(s) to conform to timers thresholds. | M. Pichler | DMG07 |
| DMG6-7-3 | Provide the text to be included into the DMG report for METG22 | A.den Uijl | July 2012 |

Agenda Item 3: Information from other groups

IP01 - METG22 Final Report

K. Loy presented to the group the Summary of Discussions of METG/22 and discussed on the matters that relate to the activity of the DMG:

- Transit times for MET info
- EUR SIGMET and AIRMET Guide
- AIRMET and GAMET distribution
- TAF ad-hoc team: Proposal for amendment of EUR ANP Part VI MET related to TAF

Finally, the work programme of the DMG, as resulted from METG22, was presented to the group.

Agenda Item 4 - EUR OPMET Data Update procedure and data monitoring

WP06 – OPMET FASID Monitoring

H. Swinnen presented to the group the results of the OPMET monitoring from September 2012. The DMG members analysed the tables and proposed those to be updated in order to provide additional information (i.e. FJBG has the TAF produced with another indicator, KJBG) and to permit to follow the evolution of the monitoring (history). The SPECI messages should be excluded.

Action DMG07-4-1: H. Swinnen to adapt the workbooks (include a RMK column for comments) and distribute them to the ROCs.

Action DMG07-4-2: The ROCs will investigate the deficiencies depicted in the monitoring tables and take actions to rectify / comment (in the RMK column) on the outcome of the investigations. H. Swinnen will collate the results into a single document to be presented next DMG meeting.

Regarding SADIS and WIFS, it was noted that there is no need to regularly monitor the data availability on WIFS. Instead, in order to ensure a high level of data availability on SADIS, it was agreed the following:

Action DMG07-4-3: A. den Uijl will extract from the workbooks information on the data missing on SADIS and will check against the historical database. The results will be sent to P. Simon to confront for availability on WIFS. If necessary, the missing data will be addressed through PHP.

WP5 SIGMET Monitoring

The group was presented by M. Pichler with the results of the SIGMET monitoring exercise that took place on 5-6 Sep 2012. The results from 30 EUR states (plus Singapore, Tokyo and Bangkok) were centralised and the deficiencies were split per ROC, noting the current status of addressing.

Action DMG07-4-4: P. Simon will contact Italy to check what are the correct headers to be used for VA Sigmets (to eliminate the bulletins meant for national distribution) and to update accordingly the routing tables. The issue shall be inserted into the PHP as Problem Ticket, problem handler Patrick Simon.

IP2 ASIA/PAC Sigmet Monitoring

The group was informed on the planned SIGMET monitoring exercises in the ASIA/PAC and MID regions (7, 14, 21 Nov at 0200 UTC and 7 Nov at 0800 UTC respective). The SIGMET monitoring focal point will send out EXCEL sheets to London, Toulouse and De Bilt asking to check the reception of the advisories and SIGMET messages received on the mentioned dates. A report will be prepared for DMG/08.

Action DMG07-4-5: The three ROCs and De Bilt (SADIS focal point) will participate in the Sigmet monitoring exercise of ASIA/PAC and MID.

Action DMG07-4-6: M. Pichler will present a report on the ASIA/PAC SIGMET Monitoring results at DMG08 meeting.

WP4 GAMET Exchange

The group was informed on the METG22 Decision 11, which stated that “the ICAO Regional Director, Europe and North Atlantic, undertake the necessary action to invite States to provide information on their MET services supporting low-level flight in the form of GAMET and/or low-level SIGWX forecasts and W&T charts.” The group was therefore presented with a proposal coming from the ICAO Paris Office for the format of the table to be used for the survey on GAMET and/or low-level SIGWX forecasts and W&T charts availability and exchange.

The group discussed on the proposed format, taking into account that the table should clearly depict what is produced, where is sent and by what means. Some adjustments were considered necessary, and columns were introduced to permit that for each type of data (GAMET, SigWx LL, W&T) to be introduced the corresponding information: WMO header used, distribution list and means of communication. Corresponding entries were filled in for a number of MWOs, in order to capture specific examples. The resulting table was sent to C. Keohan for consideration.

Regarding the OPMET update procedure, it was again mentioned to be necessary to put a step in the process for verifying that changes announced are really in place, implemented.

On other hand, it was considered of great importance that all the NOCs receive the NOBX bulletins announcing the changes.

Action DMG07-4-7: In order to ensure the proper distribution of NOBX bulletins, the three ROCs will check the routing of these bulletins to their area of responsibility.

Agenda Item 5 – Performance Indices

WP8 – METAR Timeliness

The working paper presented by Wim Demol reflected some considerations on the choice of a threshold value for the METAR timeliness, taking into account the necessary filling time and transit time.

The group agreed to search back what was discussed /worked on the matter in the past.

Action DMG07-5-1: DMG members to review the previous work on the compilation time and distribution, by taking into account the KPIs presented at METG22. Discuss during DMG08 and starting from a selection of views from individuals, to reach consensus on what to be presented to METG.

Agenda Item 6 – RODEX

RODEX Backup

The group was presented with the outcome of the meeting that the three ROCs held preceding DMG07 on the table-top exercise regarding the RODEX back-up procedure.

RODC

The group was informed that currently the catalogue is loaded – the databases are populated with data. The catalogue is also available for on-line access, so that trials on the user interface can be performed by using real data.

Agenda Item 7 – Documentation. PHP

WP3 – EUR OPMET Handbook

J. Funder presented to the group the updated version of the handbook, for a final revision before becoming fifth edition and be submitted to ICAO Paris for publication. Some changes were proposed by the meeting (like nominating only the member States of the DMG, and not the persons, eliminating mentions of the Austrian ftp server, etc).

Action DMG7-7-1: J. Funder will make the necessary updates to the EUR Doc 018 – OPMET Handbook, according to the discussions during the DMG07 meeting.

WP3 – PHP Report

A. den Uijl (PHP Manager) presented to the meeting the PHP Progress Report. An overview of the problems addressed so far through the procedure and their current status was analysed by the group.

IP3 – Notification on FASID Updates

K. Loy presented to the group a draft proposal regarding the FASID Table 2A update, intended to be forwarded to Greg Brock – ICAO Montreal.

Action DMG7-7-2: K. Loy will provide the revised proposal regarding the FASID 2a updates to ICAO Montreal.

Agenda item 8: WXXM

The group was briefly informed by W. Demol on the proposed ICAO Logical Data Model, Aviation Meteorological Exchange Model. Corresponding documentation was distributed to the DMG members via e-mail.

Agenda item 9: Any other business

MET Data Distribution to Maastricht ACC

Ed Boorman raised the question on who is responsible for distributing the VA advisories to Maastricht ACC. Vienna confirmed that the routing is in place and it distributes data to this centre. London and Toulouse mentioned that also they distribute data to Maastricht, but that needs investigation.

It was noted that the proper way of distributing data would be to assign a NOC as responsible for distributing data to any user. Belgocontrol informed that a service level agreement exists between them and Maastricht ACC. Therefore, the following actions were agreed:

Action DMG7-9-1: The three ROCs will stop sending data directly to Maastricht ACC. NOC Brussels will ensure the distribution of the VAA to Maastricht and will amend the SLA accordingly.

- Dates and location of the next meetings
 - DMG08: De Bilt, (12-14 March 2013 is confirmed).
 - DMG09: Edinburgh (tentative date: 19-21 June 2013, to be confirmed by 26.oct.)

List of actions resulting after DMG06

| Ag. Item/BMG | Action item | Responsible | Target date |
|--------------|---|-------------------------|---------------|
| DMG5-2-1 | Approach DSNAs for providing the AFTN addresses that NEM and VAA need to be sent to. Try to obtain missing information from Russian Federation with the help of Viktor Kourenkov, and from Germany by contacting DWD. Russian Federation information completed and global database updated. Will ask Germany the first week in July for addresses. | P.Simon C. Keohan | DMG08 |
| 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 A. Boff | |
| DMG6-5-2 | will make the PI application accessible to the users via the Internet (by username and password) and will be adapted to indicate the headers of the bulletins | UK | DMG07 |
| DMG6-5-3 | Analyse timeliness indices for the possibility of adaptation and implementation within DMG web-based tool. If affirmative WP with the detailed description of PI's (definition and method of calculation) for METG 22. | A. Boff K. Loy | METG22 |
| DMG6-6-1 | Assess the impact of the timer values for validation. Inform DMG on the outcome. Work Package for addressing properly the validation issue. | K. Loy | DMG07 |
| DMG07 | | | |
| DMG07-4-1: | Adapt the monitoring results - workbooks (include a RMK column for comments) and distribute them to the ROCs. | H. Swinnen | |
| DMG07-4-2 | Investigate the deficiencies in the monitoring tables and take actions to rectify / comment (in the RMK column) on the outcome of the investigations. Collate the results into a single document to be presented next DMG meeting | ROCs H. Swinnen | DMG08 |
| DMG07-4-3 | Extract from the workbooks information on the data missing on SADIS and check against the historical database. Send results to P. Simon to confront for availability on WIFS. If necessary, the missing data will be addressed through PHP. | A. den Uijl P. Simon | |
| DMG07-4-5 | Participate in the Sigmet monitoring exercise of ASIA/PAC and MID. | ROCs A. den Uijl | November 2012 |
| DMG07-4-6 | Report on the ASIA/PAC SIGMET Monitoring results at meeting | M. Pichler | DMG08 |
| DMG07-4-7 | Check the routing of NOBX bulletins to their area of responsibility | ROCs | DMG08 |
| DMG07-5-1 | Review the previous work on the compilation time and | DMG | DMG08 |

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| | distribution, by taking into account the KPIs presented at METG22 | members | |
| DMG7-7-1 | Make the necessary updates to the EUR Doc 018 – OPMET Handbook, according to the discussions during the DMG07 meeting | J. Funder | |
| DMG7-7-2 | Revised proposal regarding the FASID 2a updates submitted to ICAO Montreal. | K. Loy | |
| DMG7-9-1 | The three will stop sending data directly to Maastricht ACC. NOC Brussels will ensure the distribution of the VAA to Maastricht and will amend the SLA accordingly | ROCs Brussels | |