

Document Change Record

Version	Date	Comments	Section/Pages affected
App. A, 0.1	18.05.1999	Initial version	
App. E, 0.1	10.09.2000	WP for BMG8	
App. A, 0.2	16.01.2001	Review by BMG-ODAG	
App. A, 0.3	05.06.2001	Review by ODAG	
App. A, 0.4	04.09.2001	Review by BMG/ODAG	
App. E, 0.2	11.10.2001	WP for MOTNEG6	
App. A, 0.5	15.10.2001	Review by ODAG for MOTNEG7	
App. E, 0.3	16.01.2002	WP for BMG9	
App. A, 0.6	30.01.2002	Review by ODAG for BMG/13	
App. E, 0.4	30.01.2002	Updates and correction to the WMO Areas of responsibility in Appendix 3.	
App. E, 0.5	07.05.2002	Corrections to issue 0.4 and Update BMG14.	
App. A, 0.7	04.09.2002	Version prepared for approval by METG	
App. E, 0.6	08.01.2003	Updates and correction in accordance with BMG15 directives.	
App. D, 0.1	09.01.2003	Draft version for BMG16	
App. D, 0.2	10.01.2003	Second draft incorporating comments from BMG FP	
App. E, 0.7	21.02.2003	Corrections in compliance with the BMG16 directives, Wpg5: Routeing Problems date AIRAC 30/10/2003.	
App. A, 1.0	16.06.2003	First release	
App. D, 0.3	16.06.2003	Draft, request to be issued at BMG 17 after no comment received from BMG16.	
App. D, 0.4	28.08.2003	Fourth draft incorporating comments from BMG17 for review prior to BMG18.	
App. D, 1.0	21.10.2003	Final Version following endorsement by BMG/18	
App. C, 1.5	04.02.2004	Updates of AIRAC monitoring exercises and the (Test) SIGMET format	
App. B, 2.8b	03.06.2004	BMG19 endorsed version for publication by ICAO Europe	
0.1	15.06.2004	creation of the document	all
App. D, 1.1	19.10.2004	Update to version 1.0 following comments received from BMG FP. Endorsed by BMG/21	
App. E, 0.8	24.06.2004	LEMM MOTNE Centre Responsible for dissemination of OPMET data from the Azores (A ₁ A ₂ = AZ) instead of EGGY.	
0.2-0.6	Until 11.03.2005	updates and corrections	all
App. B, 2.9b	23.05.2005	BMG23 endorsed update: AIRAC dates	
App. C, 1.6	27.05.2005	Integration of new BMG OPMET monitoring periods, the EUR OPMET Data Monitoring Tool Specification and update of the Informational Letter SIGMET Monitoring.	
1.0	14.07.2005	bring in shape for presentation at METG/15	all

App. B, 3.0	19.12.2005	BMG24: Introduction of DELTIM / NEWTIM keywords in the METNO Update notification message for expiring / new TAF Validity Period(s).	
App. B, 3.1(b)	03.04.2006	BMG25: Update of BMG Group Members List: Switzerland, correction to contact references.	
App. A, 2.0	28.06.2006	Second release ; includes FV/FK + catalogue based on EUR FASID	
App. D, 1.1b	xx.08.2006	ICAO EUR version for publication	
1.01-1.03	Until 26.09.2006	minor corrections throughout the document add general information table on front page add "Document Control Log" - update "Table of Contents"	all
1.04	05.10.2006	rename "Document Control Log" to Document Change Record" update "Table of Contents" add Switzerland to BMG members replace GOS with Russian Federation update MOTNE Centres responsibilities (BMG25) add section 10 "GAMET Exchange" update SIGMET examples (annex 3 amd73)	i ii-iii 2 2 6 19 40-43
App. B, 3.3b	05.10.2006	ICAO EUR version publication.	3.3b
App. C, 1.6b	05.10.2006	ICAO EUR version for publication. Update EUR OPMET monitoring exercises schedule.	8.2, Page 8
App. E, 1.0	05.10.2006	ICAO EUR version for publication.	All
App. F, 1.0	05.10.2006	ICAO EUR version for publication.	All
App. C, 1.7b	05.01.2007	Email addresses, telephone and FAX numbers deleted for SPAM protection. Integration of AIRAC 18/01/2007 new (Test) Volcanic Ash Advisory bulletins (TT = FV).	2.4, Page 4 3.1.3, Page 5 6.2.1, Page 6 8.4, Page 8 9.2.4.3, Page 9 9.2.4.4, Page 9 10.2, Page 10 Att. 1, Pages 10, 11
App. C, 1.8b	02.02.2007	Update of the (Test) SIGMET Monitoring informational letter: in the SIGMET examples, EGRR instead of EGGY; LOWW instead of LOWM.	Att.1, Pages 8 to 12
1.05	10.10.2007	Reformatted to ICAO standard SIGMET validation updated Examples corrected to AMD73 format	All 12.2.4 12.3
App. B, 3.4b	08.11.2007	Table of contents update. Update of section II: Regional and Inter-Regional OPMET Data Requests. Update of Attachment 7: Definition of the procedures, and the application form for requesting EUR/Non EUR OPMET data.	Page ii Page 2 Pages 13, 16, 17
App. C, 1.9b	08.11.2007	Table of contents	Page ii

		Update of the BMG monitoring exercises planning. Inclusion of monitoring for the London FV- Volcanic Ash Advisory messages (ref.: AIRAC 27/09/2007 METNO). Update of BMG monitoring period schedules in accordance with BMG30 directives. Insertion of Section 10. BMG WV-SIGMET Monitoring. Inclusion of Attachment 3: Test FV- and WV-SIGMET Bulletin formats, version BMG30 WP11 (France).	8.2, Page 5 8.4, Page 5 2.4, Page 1 3.1.4 Inserted, Page 2 7.1, Page 7 10, Page 7 Att. 3, Page 12
App. B, 3.5b	07.02.2008	Schedule of AIRAC Effective Dates, 2007-2010	Page 6, Page 1 I-2
App. A, 2.1	07.03.2008	Change of contact addresses	Section 5
App. C, 2.0b	13.03.2008	Update EUR OPMET monitoring exercises schedule. Informational Letter SIGMET Monitoring. Defining some formats used for VA testing.	Page 7 Page 11 to 17 Page 19 to 25
1.06	22.04.2008	Finalized by Regional Officer	2, 3
1.07	01.11.2008	AMD74 TAF Validation timers Problem Handling Procedure (PHP)	15, 16, 25, 27, 30-32, 37-41 29 20, 46
App. A, 2.2	01.11.2008	Change of TAF validity + editorial correction	
App. B, 3.6b	01.11.2008	Contact persons updated FT updated in form	Page 7 Page 13
App. C, 2.1b	01.11.2008	Bulletin numbering Attachment 3: Test WV- and FV-SIGMET bulletin formats.	1.2 Page 1 2.4 Page 1 8.4 Page 5 Page 16 to 22
App. D, 1.2b	01.11.2008	TAF validity	Page 5, 7, 9, and 11
App. E, 1.1	01.11.2008	Bulletin headers	Page 2 and 4
App. A, 3.7b		Schedule of AIRAC Effective Dates, 2008-2011 Changes due to Transition from ROC to RODEX	Att 3 Page 6. I 5-9-10 Page 1, II 2.9 Page 2, Att 1 Page 5, Att 4 Page 7, Att 5 Pages 8 – 9, Att 6 Pages 10 – 11, Att 7 1 – 2 – 3 Pages 12 till 17
App. C, 2.2b	xx.03.2009	Update EUR OPMET monitoring exercises schedule. Changes due to implementation of RODEX	8.2 Page 5 1.2, 2.1 – 2.3 Page 1; 4.1, 6.2 Page 2; 6.3, 6.5, 6.9.2 Page 3; 11.1 Page 8
1.08		Changes due to Transition from function MOTNE to EUR RODEX Introduction Website BMG	iii, iv 1, 3-9, 11-17, 20-25, 29

		Appendix G removed	
App. C, 2.3		WS/WV monitoring	
App. A, 2.3	23.07.2009	Change due to transition from MOTNE to RODEX	Section 2, page 6
App. E, 1.2	23.07.2009	Changes due to RODEX	Page 3,4,5,6,7 and 8
App. G, 0.1	20.01.2010	Initial version	
App. G, 0.2	27.05.2010	Updated after review by BMG/37	
App. A, 2.4	01.06.2010	End of bulletin requests	Mainly section 3.1
1.09	10.12.2010	BMG changed to DMG and Appendix C updated	All Appendix C
App. A, 2.5	10.12.2010	BMG changed to DMG	All
App. B, 3.8	10.12.2010	BMG changed to DMG	All
App. C, 2.4	10.12.2010	BMG changed to DMG and Attachment 1 updated according to METG/20 final report	
App. E, 1.3	10.12.2010	BMG changed to DMG and list of NOCs updated	Page 6
App. F, 1.1	10.12.2010	BMG changed to DMG	All
App. A, 2.6	18.03.2011	DB Catalogue no longer included in ICD	Sections 5 & 6
App. G, 0.3	08.06.2011	Updated for review by DMG/03	
App. G, 0.4	18.10.2011	Updated after review at DMG/04	
1.10	11.01.2012	Inclusion of guidance on distribution of AIREPs - Section 9	21-22
App. G, 0.5	06.02.2012	Addition of ROC Toulouse & ROC London details	Chapter 5, 6 & 7
1.11	01.08.2012	General update	Handbook and appendices A, B, C and E
App. A, 2.7	01.08.2012	New link for FASID MET 2A table	5.1
App. C, 2.5	29.08.2012	Document circulation: DMG Website. Table OF CONTENTS Update. Routine OPMET data monitoring: 3 days. Monitoring UA. The EUR OPMET monitoring exercises schedule. SIGMET Monitoring Informational letter.	Page 3, Page 2, 3.1, 6.3, 8.2, 9.1, ATT 1.
App. C, 2.6	24.10.2012	TABLE OF CONTENTS Update. Document circulation: DMG Website. Introduction. DMG EUR OPMET monitoring exercise participation. FASID MET2A instead of SADIS User Guide Annex 1. DMG WS- and WV- SIGMET Monitoring Focal Point Invitation Letter and result forms The EUR OPMET monitoring exercises schedule. SIGMET Monitoring Informational letter. WS- and WV- SIGMET bulletin monitoring results application form.	Page 2, Page 3, 1., 2., 3., 9., 9.1, 11: ATTACHMENT 1. 12: ATTACHMENT 2.

App. D, 1.3	24.10.2013	Refreshment SIGMET/AIRMET Annex 3 AMD 75 (implemented on 15/11/2012)	General understanding and cosmetics. In Section 4 Real Time Monitoring: - 4.2.4. Non-Routine OPMET Data Requirements - 4.3. Validation Requirements 4.4. Output Format
App. E, 1.5	24.10.2013	Update of routings for OPMET data distribution in accordance with METG23: - PRESENT DISTRIBUTION MODES FOR ROUTINE AND NON-ROUTINE OPMET BULLETINS RODEX RESPONSIBILITY AND ADDRESS INFORMATION TABLE	Attachment 1, Page 4 Attachment 2, Page 6
App. G, 0.6	24.10.2012	Updates after review by DMG/07	
1.12	01.06.2014	WIFS and SIGMET exchange	Chapter 3.7.1 and 8
App. B, 3.9	01.06.2014	AIRAC dates	Section 6
App. A, 2.8	01.08.2015	References to FTP sites removed	
1.13	01.09.2015	FTP sites removed Special air report examples OPMET timer values	3.5.5, 3.8, 11.4.8.1 9.1 12.2.6
App. F, 1.3	01.09.2015	FTP removed and timeliness	2.3
2.00	29.09.2016	DMG Review for: - integration of ICAO Annex 3 Amendments 76 till 78 introducing IWXXM - EUR Doc 033 - SADIS broadcast	EUR Doc 018 main handbook document
App. A, reset to 2.0	29.09.2016	IWXXM Request/Reply added	All
App. B, reset to 2.0	29.09.2016	Replace references to FTP Servers for public information by DMG Website	Document circulation; 4.3
		ICAO Annex 3, Amendment 76-78 IWXXM OPMET Data updates; METNO Updates for IWXXM.	Section 1; and ATTACHMENT 7 EUR/Non-EUR OPMET Data Request form.
		OPMET Requirements reference: FASID MET2A and SUG Annex 1 replaced by ICAO Table Met II-2.	2.1.1, 2.2.11, Pages 7, 8, 17
		EBBRYFYX to be EBBBYFYX	Pages 10, 15, 16, 17, 18
		Implementation OPMET METNO changes	1.3.10
		Intro METNO Statement for changes to METAR Observation Time.	Page 11; 2.2.10
		Publication of RODB Catalogues.	Section 4

		METNO Distribution via AFS: AFTN and AMHS	1.3.8; Pages 11, 12, 13, 15.
		Co-ordinating EUR RODEX Centre for data updates: DMG FP AMHS Address. REQUEST FOR EUR/NON-EUR OPMET DATA FROM CIVIL AERODROMES OR FIR/UI: AMHS Addresses.	Page 10. Page 16.
App. C, reset to 2.0	29.09.2016	Adaption of SIGMET-Monitoring Procedure to replace the current procedure (filling in an EXCEL-sheet) by a procedure, allowing to automate the monitoring. Inclusion of SPECIAL AIREP Monitoring. Removal of WV-SIGMET Monitoring information other than the one performed during DMG-monitoring period	Several changes throughout the whole document Deletion of Attachments 2 & 3
App. D, 2.0	29.09.2016	Version number updated to match main document	
App. E, 2.0	29.09.2016	RODEX Area of Responsibility and AFTN Addressing	4.2 AFTN Addressing
App. F, 2.0	29.09.2016	FASID and SUG annex1 changed to eANP TABLE MET II-2	All
App. G, 0.7	09.03.2017	Updated for review by DMG/20	
App. G, 0.71	20.06.2017	Updated for review by DMG/21	
App. G, 1.0	27.06.2017	After review by DMG, production of first official version to be presented to METG/17 for adoption and incorporation as an Appendix to the EUR Doc 018	
App. C, 2.1	xx.07.2017	Editorials SADIS User Monitoring: LROM instead of EHDB Reduce number of OPMET Data Monitoring Exercises from two to one: with reference to DMG21 Report.	Section 1: Introduction; 3.1: timeliness instead of regularity Section 7: eANP instead of FASID; AFS instead of AFTN Section 2: Section 8.1: OPMET monitoring exercises schedule: table update.
2.1	08.08.2017	Update of II “List of Acronyms”	Page vii of vii
3.0, including all Appendices	22.09.2017	Adopted by METG/27. As Ver. 3.0	
3.1	16.01.2018	<ul style="list-style-type: none"> - Merging the main document and the appendices in one document with one version number - Merging “List of Acronyms” and creation of new Appendix H - Updating and rewording information - Adding appendix titles to header line 	Whole document Whole document

		<ul style="list-style-type: none"> - AFTN becomes AFTN over/via AMHS or AFS. - Clarifications requested by METG participants: ref. DMG22-6-3 Action: <ul style="list-style-type: none"> o eANP Vol. II and Vol III Tables references. o DMG OPMET Monitoring schedules. - IWXXM Data awareness verses TAC OPMET Data monitoring. - Warning Message Monitoring exercise: invitation letter reference to the DMG website and Section 10 copy of the invitation letter removed. - Intro for the IWXXM data monitoring tool specs still to be made. - Table of IWXXM data types expected to be monitored added. - List of reference documents added. - Specs for TAC OPMET data monitoring only. - Only syntax validation of data fields of interest. - Update Table WMO monitoring mode: Output Fields. 	<p>Whole document</p> <p>Whole document</p> <p>Whole document</p> <p>C.1: Introduction</p> <p>C.8.2: DMG EUR OPMET Monitoring Periods Scheduled</p> <p>C.5: TAC and IWXXM OPMET data monitoring tools</p> <p>Attachment 1 deleted. Procedure covered by C.9</p> <p>D.1.2</p> <p>D.1.5</p> <p>D.2.1.2</p> <p>D.2.5 – D.2.6 – D.4.2.3 – D.4.2.4</p>
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			D.2.7.1 – D.3.2.4.1 D.2.8.8
3.2	24.05.2018	<ul style="list-style-type: none"> - Reviewed by DMG/24 <ul style="list-style-type: none"> o Clarifications o Rewordings o Deletion of the WMO-Gateway Function o Incorporation of SWX-Advisories o Update in regard of allowed usage of UIR in SIGMET o Adding general information about the PHP - Removal of contact information which will be hosted on ICAO Portal 	Whole document
Edition	Date	Comments	Section/Pages affected
9	18.09.2019	<p>Adopted by METG/29, incorporating the following changes:</p> <ul style="list-style-type: none"> - Decision to only use AFS - Removal of unstable URL-links to ICAO & WMO documents - Several editorial changes (corrections, rewording & additional information) - Inclusion of the possibility to request ARS and SWXA from RODB Brussels - Clarification that answers to requests for IWXXM data may contain operational as well as non-operational data - Introduction of monitoring IWXXM data - Updated description of calculation methods 	<ul style="list-style-type: none"> - Whole document - Whole document - Appendix A - Appendix A - Appendix D - Appendix F
10		<p>Adopted by EASPG/2, incorporating the following changes:</p> <ul style="list-style-type: none"> - Editorial changes and inclusion of the new ROC Moscow (where applicable) - Removable of VAG to be issued by VAACs during Warning Monitoring Exercises - Update of format for providing warning monitoring results 	<ul style="list-style-type: none"> - Whole document - Appendix C - Appendix C

		<ul style="list-style-type: none"> - Including a draft version for the requirements to monitor IWXXM-data (off-line monitoring) for a monitoring tool - Restructuring of the whole Appendix E (Distribution Determination of OPMET Data), including a draft for a table presenting information about to addresses to be used to exchange OPMET-data - Adaption of the RODEX-backup procedure due to the implementation of a fourth ROC (ROC Moscow) 	<ul style="list-style-type: none"> - Appendix D - Appendix E - Appendix E
11		<p>Adopted by EASPG/3, incorporating the following changes:</p> <ul style="list-style-type: none"> - Editorial changes - Clarification on establishing a NOC - Guidance on the header for SPECI-messages - Inclusion of TCAC Tokyo & Miami to provide TC-advisories for the EUR-region - Update of the information regarding Space Weather advisories - Note for GAMET-exchange in regard to provision via SADIS - Adding information on requesting ARS from RODBs. Update to reflect changes to the yearly ROdB-monitoring - Updates form Request for OPMET Data from aerodromes or FIRs/UIRs” - Update of Warning Monitoring Procedure to reflect, that TC and SWX are now included. - Update with a “Draft Part” to reflect first ideas on IWXXM-data monitoring. Update of the information about to be monitored data. - Adding watermark to reflect the draft status of the Backup Procedure 	<ul style="list-style-type: none"> -Whole document -Main part, para. 3.3 -Main part, para 6.4.4 -Main part, para 8.2 -Main part, para 10.1.1 - Appendix A -Appendix B -Appendix C -Appendix D - Appendix G