

International Civil Aviation Organization

## MIDANPIRG/17 and RASG-MID/7 Meeting

(Cairo, Egypt, 15 – 18 April 2019)

## Agenda Item 6.1: Follow-up on the outcome of MIDANPIRG/16 and MSG/6 Meetings

# FOLLOW-UP ON THE OUTCOME OF MIDANPIRG/16 AND MSG/6 MEETINGS

(Presented by the Secretariat)

#### **SUMMARY**

This paper presents the status of MIDANPIRG/16 and MSG/6 Conclusions and Decisions and the follow-up actions taken by concerned parties.

Action by the meeting is at paragraph 3.

#### REFERENCES

- MIDANPIRG/16 Report
- MSG/6 Report

#### 1. Introduction

- 1.1 The MIDANPIRG/16 meeting was held in Kuwait from 13 to 16 February 2017. The meeting was attended by 13 States and 9 international organizations/industries. The meeting adopted 21 Conclusions and 11 Decisions.
- 1.2 The Sixth meeting of the MIDANPIRG Steering Group (MSG/6) was held at the ICAO Middle East Regional Office in Cairo, Egypt, from 3 5 December 2018. The meeting was attended by 6 States and 3 international organizations. The meeting adopted 38 Conclusions and Decisions and 2 Draft Conclusions.

## 2. DISCUSSION

#### MIDANPIRG/16 FOLLOW-UP ACTION PLAN

2.1 Based on the outcome of the different MIDANPIRG subsidiary bodies, and the feedback received from some States, an updated follow-up action plan on MIDANPIRG/16 Conclusions and Decisions is attached at **Appendix A**.

### MSG/6 FOLLOW-UP ACTION PLAN

2.2 **Appendix B** provides update on the progress made for the implementation of the MSG/6 Conclusions and Decisions.

# 3. ACTION BY THE MEETING

3.1 The meeting is invited to note the progress made for the implementation of the MIDANPIRG/16 and MSG/6 Conclusions and Decisions at **Appendices A** and **B**, respectively, and take action, as appropriate.

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# APPENDIX A

# FOLLOW-UP ACTION PLAN ON MIDANPIRG/16 CONCLUSIONS AND DECISIONS

| CONCLUSIONS AND DECISIONS  | CONCERNS/<br>CHALLENGES (RATIONALE)                                  | DELIVERA<br>To be initia         |              | TARGET<br>DATE | Status/Remarks                                   |
|--|--|----------------------------------|--------------|----------------|--|
| CONCLUSION 16/1: MID RVSM SAFETY MONITORING REPORT (SMR) 2015  |  |                                  |              |                | Completed  |
| That, the MID RVSM Safety Monitoring Report (SMR) 2015 is endorsed.  | Endorsement of the MID<br>RVSM SMR 2015                              | MID RVSM SMR<br>2016             | MIDANPIRG/16 | Feb 2017       |  |
| CONCLUSION 16/2: MID RVSM SMR 2017   |  |                                  |              |                | Actioned (To be closed)                          |
| That,  a) the FPL/traffic data for the period 1 – 30 September 2017 be   | Development of the MID<br>RVSM SMR 2015                              | State Letter                     | ICAO         | Aug<br>2017    | SL Ref.: AN 6/5.10.15A dated 31<br>Aug 2017      |
| used for the development of the MID RVSM Safety Monitoring Report (SMR 2017);  |  | Traffic Data                     | State        | Oct 2017       | Completed  |
| b) only the appropriate Flight Data form available on the MIDRMA website ( <a href="www.midrma.com">www.midrma.com</a> ) should be used for the provision of FPL/traffic data to the MIDRMA; and |  |                                  |              |                |  |
| c) the final version of the MID RVSM SMR 2017 be ready for presentation to and endorsement by MIDANPIRG/17.  |  |                                  |              |                |  |
| CONCLUSION 16/3: MID REGION AIR NAVIGATION STRATEGY  |  |                                  |              |                | Completed  |
| That, the revised MID Region Air Navigation Strategy (MID Doc 002, Edition February 2017) at Appendix 5.1A is endorsed.  | To update the MID Region<br>Air Navigation priorities and<br>targets | MID AN Strategy<br>(MID Doc 002) | MIDANPIRG/16 | Feb 2017       |  |
| CONCLUSION 16/4: APPROVAL OF THE AMENDMENT TO THE MID eANP VOLUME III  |  |                                  |              |                | Completed  |
| That, the amendment to the MID eANP Volume III at Appendix 5.1B is approved.   | To amend/update the MID eANP Vol III                                 | Amendment                        | MIDANPIRG/16 | Feb 2017       | Amendment was approved by MIDANPIRG/16           |
|  |  | Notification of Amendment        | ICAO         | May 2017       | Notification of amendment issued on 18 June 2017 |

| Conclusions and Decisions   | CONCERNS/<br>CHALLENGES (RATIONALE)  | DELIVERA<br>To be initia   |              | TARGET<br>DATE    | STATUS/REMARKS  |
|---|--|----------------------------|--------------|-------------------|---|
| CONCLUSION 16/5: ASSESSMENT OF PBN IMPLEMENTATION   |  |                            |              |                   | Actioned  |
| That, States be invited to:   | Post assessment of PBN Implementation to estimate  | State Letter               | ICAO         | Apr2017           | SL Ref.: AN 6/28 – 17/120 dated 12<br>April 2017  |
| a) explore means and ways to assess the benefit accrued from the implementation of PBN; and   | the benefits accrued that would be included in the   | Benefits accrued           | States       | Nov 2017          | (Bahrain, Jordan, Sudan)  |
| b) report on annual basis (by 1 November), the environmental benefits accrued from PBN implementation to the ICAO MID Office in order to be included in the MID Region Air Navigation Report. | MID AN Report  | form PBN<br>Implementation |              | (annual<br>basis) |   |
| CONCLUSION 16/6: ACTION PLAN FOR A-CDM IMPLEMENTATION   |  |                            |              |                   | Actioned / replaced and superseded<br>by MSG/6 Conclusion 6/6 and<br>MSG/6 Conclusion 6/7 |
| That, in line with the MID Air Navigation Strategy, States concerned:   | To collect information about ACDM implementation/planning in   |                            |              |                   |   |
| a) be urged to develop their A-CDM implementation plan, with the support of ICAO MID Office, if required; and   | the MID region   | State Letter               | ICAO         | Jun 2017          | SL Ref.: AN 5/23 – 17/174 dated 27<br>June 2017   |
| b) provide the ICAO MID Office with a copy of their plan before 1 November 2017.  |  | States National Plan       | States       | Nov 2017          | (Bahrain, Sudan, UAE)   |
| Conclusion 16/7: MID REGION AIR NAVIGATION REPORT-<br>2016  |  |                            |              |                   | Completed   |
| That, the MID Region Air Navigation Report-2016 is endorsed.  | To monitor ASBU implementation in the MID Region and present the status of implementation of the priority 1 ASBU Block 0 Modules and associated indicators and targets (Reporting period 2016) | MID AN Report              | MIDANPIRG/16 | Feb 2017          | The Report Posted and published   |

| Conclusions and Decisions  | CONCERNS/<br>CHALLENGES (RATIONALE)  | DELIVERA<br>To be initia   |                          | TARGET<br>DATE                   | STATUS/REMARKS   |
|--|--|--|--------------------------|----------------------------------|--|
| CONCLUSION 16/8: MID REGION AIR NAVIGATION REPORT-<br>2017   |  |  |                          |                                  | Completed  |
| <ul> <li>That, MID States be urged to:</li> <li>a) develop/update their National ASBU Implementation Plan, ensuring the alignment with and support to the MID Region Air Navigation Strategy (MID Doc 002); and</li> <li>b) provide the ICAO MID Office, with relevant data necessary for the development of the MID Region Air Navigation Report-2017, by 1 November 2017.</li> </ul> | To monitor ASBU implementation in the MID Region and present the status of implementation of the priority 1 ASBU Block 0 Modules and associated indicators and targets (Reporting period 2017) | State Letter  National ASBU Implementation Plan  Data for AN Report 2017 | ICAO<br>States           | Sep 2017<br>Nov 2017<br>Nov 2017 | SL Ref.: AN 1/7-17/188 dated 2 July 2017<br>(Bahrain, Egypt, Jordan, Qatar, Sudan & UAE)<br>The Report was endorsed by MSG/6   |
| CONCLUSION 16/9: ESTABLISHMENT OF HELIPORTS DATABASE  That, States be urged to establish and maintain a database for Heliports with information about location and type of use, as a minimum.  | For better monitoring of safety information related to Heliports   | State Letter   | ICAO                     | Jun 2017                         | Closed  SL Ref.: AN 6/25 – 17/185 dated 29 June 2017 (Bahrain, Jordan, Oman)   |
| CONCLUSION 16/10: GUIDANCE FOR AIM PLANNING AND IMPLEMENTATION IN THE MID REGION   |  |  |                          |                                  | Actioned/Ongoing   |
| That,  a) the Guidance for AIM Planning and Implementation in the MID Region is endorsed as MID Doc 008; and  b) States be encouraged to use the MID Doc 008 in their AIM planning and implementation.   | To provide necessary guidance to States for AIM implementation   | MID Doc 008  State Letter  Updated National AIM Roadmaps                 | MIDANPIRG/16 ICAO States |                                  | SL Ref: AN 8/4-17/133 dated 30<br>April 2017<br>(UAE)<br>The draft Guidance will be presented<br>to AIM SG/5 for finalization. |
| CONCLUSION 16/11: AIRAC ADHERENCE MONITORING  That,  a) States be urged to:  | To monitor the AIRAC adherence and identify cases of non-adherence   |  |                          |                                  | Closed   |

| Conclusions and Decisions   | CONCERNS/<br>CHALLENGES (RATIONALE)   | DELIVERA<br>To be initia                         |  | TARGET<br>DATE                        | STATUS/REMARKS  |
|---|---|--|--|---------------------------------------|---|
| i. implement a system for AIRAC adherence monitoring; and   |   | AIRAC adherence monitoring system                | State Letter                                     | Nov 2017                              |   |
| ii. report on annual basis (by 31 March) to the ICAO MID Office the case(s) of late publication of aeronautical information of operational significance and non-adherence to the AIRAC provisions, using the AIRAC Adherence Monitoring Questionnaire at Appendix 5.2.2D. |   | State Letter Filled Questionnaire                | ICAO<br>States                                   | continuous<br>Apr.2017/<br>continuous | 13 States Replied (Bahrain, Egypt,  |
| b) IATA report to the concerned State(s) and the ICAO MID Office any case of late publication of aeronautical information of operational significance and non-adherence to the AIRAC provisions.  |   |  | IATA   | Nov 2017/<br>continuous               | The result of the surveys were reviewed by AIM SG/3 and AIM SG/4.                 |
| CONCLUSION 16/12: INTERREGIONAL SEMINAR ON "SERVICE IMPROVEMENT THROUGH INTEGRATION OF DIGITAL AIM, MET AND ATM INFORMATION"  |   |  |  |                                       | Completed   |
| That, States, Organizations and Industry be invited to actively participate in the Interregional Seminar on "Service Improvement through Integration of Digital AIM, MET and ATM Information Services" (Brussels, Belgium, 2-5 October 2017).                             | To provide guidance and<br>updates to States and share<br>experiences and best<br>practices | State Letter Actively participate in the Seminar | ICAO<br>States,<br>Organizations<br>and Industry | Jun 2017<br>Oct 2017                  | SL Ref.: AN 8/28.1-17/175 dated 14<br>June 2017<br>Only 6 MID States participated |
| DECISION 16/13: DISSOLUTION OF THE MPCT   |   |  |  |                                       | Completed   |
| That, the MAEP Projects Coordination Team (MPCT) is dissolved and its duties and responsibilities be taken over by the MAEP Board.  | Low level of attendance and support   | Dissolution of MPCT                              | MIDANPIRG/16                                     | Feb. 2017                             |   |
| DECISION 16/14: MAEP BOARD TERMS OF REFERENCE   |   |  |  |                                       | Completed   |
| That, the MAEP Board Terms of Reference be endorsed as at <b>Appendix 5.2.2E.</b>   | Revised ToR of MAEP<br>Board  | MAEP Board ToR                                   | MIDANPIRG/16                                     | Feb 2017                              |   |

| CONCLUSIONS AND DECISIONS  | CONCERNS/<br>CHALLENGES (RATIONALE)              | DELIVERABLE/<br>To be initiated by                                |                | TARGET<br>DATE                   | STATUS/REMARKS   |
|--|--|---|----------------|----------------------------------|--|
| CONCLUSION 16/15: MID IP NETWORK PROJECT (CRV)   |  |   |                |                                  | Actioned/Ongoing   |
| That,  |  |   |                |                                  |  |
| a) States that have already committed to join CRV, are invited to engage with the recommended supplier to establish individual service contracts; and  | To establish MID IP<br>Network in the MID Region | State Letter  | ICAO           | May 2017                         | SL Ref.: AN 6/31.4-17/160 dated 29<br>May 2017<br>(Egypt)                                  |
| b) States that have not yet done so, are urged to carry out a comprehensive CBA related to the implementation of an IP Network under the CRV framework; and inform the ICAO MID Office, as soon as possible, about their decision related to the joining of CRV. |  | Engage with the recommended supplier                              | States         | Dec 2017                         |  |
| DECISION 16/16: ATFM TASK FORCE  |  |   |                |                                  | Closed   |
| That,  | To develop an ATFM CONOPS for the MID            | Establishment of  | MIDANPIRG/16   | E-l- 2017                        | Completed  |
| <ul> <li>a) an ATFM Task Force be established to develop an ATFM<br/>Concept of Operations for the MID Region;</li> </ul>  | Region   | ATFM TF   | MIDANPIRG/10   | red 2017                         | Completed  |
| <ul> <li>b) the ATM SG/3 meeting develop the terms of reference of the ATFM Task Force; and</li> <li>c) States support the ATFM Task Force through: <ol> <li>assignment of ATFM Focal Point to contribute to the</li> </ol> </li> </ul>                          |  | ATFM Concept of<br>Operations                                     | ATFM TF        | Sep 2017                         |  |
| work of the Task Force; and ii. provision of required data in timely manner, and in particular to the survey that will be carried out related to the airspace and sectors capacity, hot-spots, ATFM measures/system, etc.  |  | Assign ATFM FP<br>Support ATFM TF<br>and provide required<br>data | ICAO<br>States | Apr 2017<br>May 2017<br>Jan 2018 | SL Ref.: AN 6/5.5 – 17/121 dated 12<br>Apr. 2017<br>(Bahrain, Jordan, Kuwait)<br>Completed |

| Conclusions and Decisions  | CONCERNS/<br>CHALLENGES (RATIONALE)   |                                    | DELIVERABLE/<br>To be initiated by |          | Status/Remarks                                   |
|--|---|------------------------------------|------------------------------------|----------|--|
| DECISION 16/17: MID ROUTE DEVELOPMENT WORKING GROUP (MID RDWG)   |   |                                    |                                    |          | Completed  |
| That,  a) a MID Route Development Working Group be established to support the route development within the MID Region and at the interfaces with ICAO AFI, APAC and EUR Regions; and   | To provide a platform for<br>States and Airlines to<br>address issues related to<br>airspace management and<br>ATS routes and agree on<br>measures for improvements | Establishment of RDWG              | MIDANPIRG/16                       | Feb 2017 | Completed  |
| b) the ATM SG develop the terms of reference of the MID RDWG.  |   | RDWG ToR                           | ATM SG                             | May 2017 | ToR to be endorsed by the meeting                |
| DECISION 16/18: WORLD CUP 2022 TASK FORCE  |   |                                    |                                    |          | Closed   |
| That,  a) a World Cup 2022 Task Force be established to develop and follow-up the implementation of a collaborative action plan to accommodate the expected high increase in traffic, in a safe and efficient manner, taking into consideration similar experiences; | To address the traffic flows challenges associated with major events and in particular the FWC2002  | Establishment of<br>World Cup 2022 | MIDANPIRG/16                       | Feb 2017 | Completed  |
| b) the Task Force address other major events such as the EXPO 2020; and  |   |                                    |                                    |          |  |
| c) the ATM SG develop the terms of reference of the Task Force.  |   | TF ToR                             | ATM SG                             | May 2017 | ToR endorsed by the meeting                      |
| CONCLUSION 16/19: IMPLEMENTATION OF REDUCED RADAR LONGITUDINAL SEPARATION IN THE MID REGION  |   |                                    |                                    |          | Closed   |
| That,  a) States, that have not yet done so;   | To reduce separation that would support in increasing capacity  | State Letter                       | ICAO                               | Apr 2017 | SL Ref.: AN 6/5.5 – 17/122 dated 12<br>Apr. 2017 |
| i) be urged to implement 20 NM radar longitudinal  |   |                                    |                                    |          |  |

| CONCLUSIONS AND DECISIONS  | CONCERNS/<br>CHALLENGES (RATIONALE)                                     | DELIVERABLE/<br>TO BE INITIATED BY                                  |   | TARGET<br>DATE | Status/Remarks                                   |
|--|---|---|---|----------------|--|
| separation; and  |   |   |   |                |  |
| ii) be encouraged to further reduce the radar longitudinal separation within the MID Region to 10 NM;  |   |   |   |                |  |
| b) the ATM SG monitor the status of implementation and take appropriate actions to foster the implementation., metrics and targets, for which the necessary data is available. |   |   |   |                | Continuous                                       |
| CONCLUSION 16/20: SIDS AND STARS NEW PHRASEOLOGIES   |   |   |   |                | Closed   |
| That, States be urged to:  a) implement the provisions of amendment 7 to ICAO Doc 4444, in particular those related to the SIDs and STARs new                                  | To harmonize the implementation of the SIDs and STARs new phraseologies | State Letter  | ICAO  | Apr 2017       | SL Ref.: AN 6/5.5 – 17/123 dated 12<br>Apr. 2017 |
| <ul><li>phraseologies; and</li><li>provide the ICAO MID Office with their implementation plan<br/>by 1 May 2017.</li></ul>   |   | Implementation plans<br>for the new SIDs and<br>STARs phraseologies | States  | May<br>2017    |  |
| DECISION 16/21: SAR LONGSTANDING DEFICIENCIES  |   |   |   |                | Closed   |
| That, the ATM SG explore ways and means to support States in the elimination of the longstanding SAR deficiencies.   | To support resolving the longstanding SAR deficiencies                  | ATM SG  | Means to support<br>States with SAR<br>deficiencies | May<br>2017    | Guidance included in the MID Region<br>SAR Plan  |

| Conclusions and Decisions   | CONCERNS/<br>CHALLENGES (RATIONALE)   | DELIVERA<br>To be initia                       |                       | TARGET<br>DATE     | STATUS/REMARKS   |
|---|---|--|-----------------------|--------------------|--|
| CONCLUSION 16/22: MODE S INTERROGATOR CODE (IC) ALLOCATION  |   |  |                       |                    | Closed   |
| <ul> <li>That, States, that have not yet done so, be urged to:</li> <li>a) provide the ICAO MID Office with their Mode S Interrogator Code (IC) Focal Points; and</li> <li>b) register to the MICA application for the allocation of the Mode S Interrogator Code (IC) at: <a href="https://ext.eurocontrol.int/mica/Index.action">https://ext.eurocontrol.int/mica/Index.action</a></li> </ul> | To manage the Mode S IC code allocation efficiently                             | State Letter  Focal Point(s) MICA Registration | ICAO                  | Sep 2017  Dec 2017 | SL Ref.: AN 7/27 – 17/329 dated 26<br>Nov. 2017<br>(Egypt, Jordan, Kuwait, Saudi Arabia,<br>Sudan)<br>Regional Workshop conducted (Feb.<br>2019) |
| DECISION 16/23: MID REGION SURVEILLANCE PLAN  |   |  |                       |                    | Closed   |
| That, the MID Region Surveillance Plan be developed by the CNS SG, based on the operational needs identified by the ATM SG.   | To provide guidance to<br>States on Surveillance<br>planning and implementation | MID Region<br>Surveillance Plan                | CNS SG                | Q1 2018            | (replaced and superseded by MSG<br>Conclusion 6/32)  |
| CONCLUSION 16/24: FTBP TESTING DOCUMENT   |   |  |                       |                    | Completed  |
| That, the First Edition of File Transfer Body Part (FTBP) Testing Document at <b>Appendix 5.2.2N</b> is endorsed.   | To provide guidance to<br>States on testing the FTBP<br>capability              | FTBP Testing<br>Document                       | MIDANPIRG/16          | Feb 2017           |  |
| DECISION 16/25: TERMS OF REFERENCE OF THE MIDAMC STG  |   |  |                       |                    | Completed  |
| That, the Terms of Reference and Work Programme of the MIDAMC STG be updated as at <b>Appendix 5.2.20</b> .   | To add task to manage CRV project   | MIDAMC STG<br>TORs                             | MIDANPIRG/16          | Feb 2017           |  |
| DECISION 16/26: ATM DATA SECURITY ACTION GROUP  |   |  |                       |                    | Ongoing  |
| That, the ATM Data Security Action Group (ADSAG) be:  a) established to develop the MID Region ATM Data Security  | To develop MID Region<br>ATM Data Security Plan                                 | State Letter MID Region ATM                    | ICAO<br>ADSAG members | Jun 2017           | SL Ref: AN 6/38 – 17/334 dated 29<br>Nov. 2017   |

| CONCLUSIONS AND DECISIONS   | CONCERNS/<br>CHALLENGES (RATIONALE)   | DELIVERA<br>To be initia |              | TARGET<br>DATE | STATUS/REMARKS  |
|---|---|--------------------------|--------------|----------------|---|
| Plan, to be presented to the CNS SG/8. b) composed of members from Bahrain, Iran, Kuwait, Oman, Saudi Arabia, UAE (Rapporteur), ICAO and IFAIMA.  |   | Data Security Plan       |              | Q1-2018        | (Bahrain, Jordan, Kuwait, UAE)                        |
| CONCLUSION 16/27: SPECIAL AIR-REPORT TEST   |   |                          |              |                | Completed   |
| That States be encouraged to participate in the EUR Special Air-Report Test in order to identify deficiencies and associated solutions in the reporting and dissemination of these reports. | Identify deficiencies and associated solutions in the reporting and dissemination of Special Air-Report | State Letter             | ICAO         | July 2017      | SL Ref: AN 10/16-17/208 dated 1<br>Aug 2017 (Bahrain) |
| CONCLUSION 16/28: MID REGIONAL SIGMET GUIDE   |   |                          |              |                | Completed   |
| That the MID Regional SIGMET Guide as provided at <b>Appendix 5.2.2Q</b> is endorsed and be published as ICAO MID Doc 009.  | Harmonized implementation   | MID Doc 009<br>updated   | ICAO         | Feb 2017       | (to be closed)  |
| CONCLUSION 16/29: PROPOSAL FOR AMENDMENT TO MID ANP VOLUMES I AND II (MET PART)   |   |                          |              |                | Ongoing   |
| That ICAO initiate proposals for amendment to the MID ANP (Doc 9708) Volumes I and II, to include the changes at <b>Appendices 5.2.2R</b> and <b>5.2.2S</b> , respectively.                 | To amend the MET requirements in the MID eANP Vol I and II  | Coordination with<br>HQ  | ICAO         | Apr 2018       | Coordination with HQ ongoing                          |
| DECISION 16/30: DISSOLUTION OF THE ATM PERFORMANCE MEASUREMENT TASK FORCE (APM TF)  |   |                          |              |                | Completed   |
| That,   | Low level of attendance and   |                          |              |                |   |
| a) the APM TF is dissolved; and   | support to the TF   | APM TF dissolution       | MIDANPIRG/16 | Feb 2017       | Completed   |
| b) the MIDANPIRG Organizational Structure contained in the MIDANPIRG Procedural Handbook (MID Doc 001) be amended accordingly.  |   | MID Doc 001<br>updated   | ICAO         | May 2017       | Completed   |
| CONCLUSION 16/31: ENVIRONMENTAL PROTECTION  |   |                          |              |                | Closed  |
| That, States that have not yet done so, be invited to:  | To implement the Assembly Resolutions related to  |                          |              |                |   |

|     | CONCLUSIONS AND DECISIONS  | CONCERNS/<br>CHALLENGES (RATIONALE)   | DELIVERABLE/<br>To be initiated by                    |              | TARGET<br>DATE | STATUS/REMARKS   |
|-----|--|---|---|--------------|----------------|--|
| a)  | provide the ICAO MID Regional Office with updated contact details of their State's CO2 Action Plan/Environment Focal Points;   | Environmental Protection, in particular State Action Plans on CO2 emission reduction  | State Letter  | ICAO         | May 2017       | SL Ref: EN 1/5-17/171 dated 7 June 2017 (Egypt, Iraq, Qatar) |
| b)  | develop/update their State Action Plans on CO2 emission reduction, using the guidelines contained in the ICAO Doc 9988; and submit them to ICAO through the APER website or the ICAO MID Regional Office; and  |   | CO2 Action Plans                                      | States       | 2018           |  |
| c)  | take necessary actions for the implementation of the mitigation measures included in their Action Plan, commensurate with the establishment of a dedicated structure (e.g. Department, Section, etc.) within the Civil Aviation Authorities dealing with aviation environmental issues |   | Dedicated structure<br>to Environmental<br>protection |              |                |  |
| DE  | CISION 16/32: REVISED ANSIG TERMS OF REFERENCE   |   |   |              |                | Completed  |
| Tha | the ANSIG Terms of Reference (TORs) be updated as at <b>Appendix 7A</b> ; and  | To add tasks related to<br>Environment to ANSIG; and<br>to update the TORs of some<br>subsidiary bodies in the<br>Procedural Handbook | Updated TORs  | MIDANPIRG/16 | Feb 2017       | Completed  |
| b)  | the MIDANPIRG Procedural Handbook (MID Doc 001) be amended accordingly.  |   | MID Doc 001<br>updated                                | ICAO         | May 2017       | Completed  |

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## APPENDIX B

# FOLLOW-UP ACTION PLAN ON MSG/6 CONCLUSIONS AND DECISIONS

| Conclusions and Decisions   | CONCERNS/<br>CHALLENGES (RATIONALE)  | DELIVERA<br>TO BE INITIA             | -                                 | TARGET DATE       | STATUS/REMARKS   |
|---|--|--------------------------------------|-----------------------------------|-------------------|--|
| MSG DECISION 6/1: FOLLOW-UP ON THE AN-CONF/13 RECOMMENDATIONS   |  |                                      |                                   |                   | Ongoing  |
| That,  a) the Secretariat present a Working Paper to the MIDANPIRG/17 meeting to propose follow-up actions on relevant AN-Conf/13 Recommendations, for assignement to States and the different actors/stakeholders; and | To support the implementation of the AN-Conf/13 Recommendations  | Working Paper                        | Secretariat                       | Apr 2019          |  |
| b) the different MIDANPIRG subsidiary bodies should identify clearly the AN-Conf/13 Recommendations related to their terms of reference and agree on the necessary follow-up actions.                                   |  | Identified Actions                   | MIDANPIRO<br>Subsidiary<br>Bodies | 2019              | Addressed in WP/3  |
| MSG CONCLUSION 6/2: AMENDMENT TO THE MID eANP VOLUME III  |  |                                      |                                   |                   | Completed  |
| That, the amendment to the MID eANP Volume III at Appendix 5.2A is approved.  | To amend/update the MID eANP Vol III   | Amendment  Notification of Amendment | MSG/6<br>ICAO                     | Dec 2018 Dec 2018 | Amendment was approved by MSG/6<br>Notification of amendment issued on<br>19/12/2018 |
| MSG Conclusion 6/3: Second Edition of the MID Region<br>Air Navigation Report (2017)  |  |                                      |                                   |                   | Completed  |
| That, the Second Edition of the MID Region Air Navigation Report (2017) at Appendix 5.2B is endorsed.   | To monitor ASBU implementation in the MID Region and present the status of implementation of the priority 1 ASBU Block 0 Modules and associated indicators and targets (Reporting period 2017) | MID AN Report                        | MSG/6                             | Dec 2018          | The Report Posted and published  |

| Conclusions and Decisions   | CONCERNS/<br>CHALLENGES (RATIONALE)  |                                       | DELIVERABLE/ TO BE INITIATED BY TARG |                      | STATUS/REMARKS  |
|---|--|---------------------------------------|--------------------------------------|----------------------|---|
| MSG Conclusion 6/4: MID Region Air Navigation Report (2018)   |  |                                       |                                      |                      | Actioned/Ongoing  |
| That, MID States be urged to provide the ICAO MID Office, with relevant data necessary for the development of the Third Edition of the MID Region Air Navigation Report (2018), by <b>15 February 2019</b> .              | To monitor ASBU implementation in the MID Region and present the status of implementation of the priority 1 ASBU Block 0 Modules and associated indicators and targets (Reporting period 2018) | State Letter  Data for AN Report 2017 | ICAO<br>States                       | Dec 2018<br>Feb 2019 | SL Ref.: AN 1/7-18/408 dated 19/12/2018 (Bahrain, Egypt, Jordan, Sudan) |
| MSG Conclusion 6/5: MID REGION AIR NAVIGATION STRATEGY  |  |                                       |                                      |                      | Completed   |
| That, the revised MID Region Air Navigation Strategy (MID Doc 002, Edition December 2018) at <b>Appendix 5.2E</b> is endorsed.  | To update the MID Region<br>Air Navigation priorities and<br>targets   | MID AN Strategy<br>(MID Doc 002)      | MSG/6                                | Dec 2018             |   |
| MSG Conclusion 6/6: Survey on ACDM Implementation   |  |                                       |                                      |                      | Actioned  |
| That,   |  |                                       |                                      |                      |   |
| a) concerned States (according to the B0-ACDM applicability area included in the MID Air Navigation Strategy) be urged to provide the ICAO MID Office with the contact details of their designated ACDM Focal Points; and | To monitor the effective implementation of the B0-ACDM module of the ASBU Block 0  | Filled<br>Questionnaire               | States                               | 20 March 2019        |   |
| b) a Survey on ACDM implementation be carried out for the monitoring of ACDM implementation, using the template at Appendix 5.3A.   |  | Questionnaire on ACDM implementation  | ICAO<br>MID<br>Office                | 28 February 2019     | State Letter Ref.: AN 5/23-19/072                                       |

| CONCLUSIONS AND DECISIONS  | CONCERNS/<br>CHALLENGES (RATIONALE)                     | DELIVERABLE/<br>TO BE INITIATED BY          |                       | TARGET DATE      |   |
|--|---|---|-----------------------|------------------|---|
| MSG CONCLUSION 6/7: ACDM IMPLEMENTATION  |   |   |                       |                  | Actioned                                  |
| That,  |   |   |                       |                  |   |
| a) an ACDM Implementation Workshop be organized by the ICAO MID Office jointly with ACAO in 2019; and  | To support the effective implementation of A-CDM        | Filled<br>Questionnaire                     | States                | 20 March 2019    |   |
| b) States be urged to develop an action plan for A-CDM implementation in line with the MID Air Navigation Strategy.  |   | Questionnaire on ACDM implementation        | ICAO<br>MID<br>Office | 28 February 2019 | State Letter Ref.: AN 5/23-19/072         |
| MSG Conclusion 6/8: IMPLEMENTATION OF THE 16TH EDITION OF ANNEX 15 AND THE PANS AIM  |   |   |                       |                  | Actioned/Ongoing                          |
| That, States be urged to:  | For a harmonized implementation of the 16 <sup>th</sup> | State Letter                                | ICAO                  | Dec 2018         | SL Ref.: AN 8/2 – 18/409 dated 19/12/2018 |
| a) take necessary actions on the implementation of the 16th Edition of Annex 15 and the PANS AIM, including:   | Edition of Annex 15 and the PANS AIM                    | Implement the Conclusion & Provide feedback | States                | 2019/ continuous | (Bahrain, Jordan)                         |
| <ul> <li>updating AIS/AIM National Regulations;</li> <li>identification and notification of differences (EFOD and AIP GEN 1.7), if any;</li> <li>coordination with their AISPs to develop necessary operational procedures/practices in order to implement the provisions of Annex 15 and the PANS AIM;</li> </ul> |   |   |                       |                  |   |
| b) provide feedback to the ICAO MID Office on the implementation of the 16 <sup>th</sup> Edition of Annex 15 and the PANS AIM (Implementation Plan, difficulties/challenges, need for assistance, etc).  |   |   |                       |                  |   |

| CONCLUSIONS AND DECISIONS  | CONCERNS/<br>CHALLENGES (RATIONALE)  |  | DELIVERABLE/ TO BE INITIATED BY TARGET DATE |                   | STATUS/REMARKS  |
|--|--|--|---|-------------------|---|
| MSG Conclusion 6/9: Removal of Prefix "U" from Route Designators   |  |  |   |                   | Actioned  |
| That,  a) States take necessary measures to remove the prefix "U" from the route designators published in their AIPs to be completed by December 2020;   | To resolve the discrepancies<br>between upper and lower<br>ATS routes and Upper and<br>lower airspaces             | State Letter                           | ICAO  | Feb 2019          | SL Ref.: AN 6/12- 19/060 dated 20<br>Feb 2019   |
| b) a Proposal for Amendment to the MID eANP Volume II-<br>Specific Regional Requirements - Table ATM II-MID-1 -<br>MID Region ATS Routes be processed to remove the prefix<br>'U"; and   | The transition plan to be completed by Dec 2020  | PfA for MID<br>eANP Vol II             | ICAO  | Sep 2019          | Draft to be reviewed by ATM SG/5  |
| c) States support the MID Office to optimize the use of route designators in the MID Region.   |  |  |   |                   |   |
| MSG Decision 6/10: 5LNCs/ICARD Regional Requirements   |  |  |   |                   | Completed   |
| That, the Secretariat process a Proposal for Amendment to the MID eANP Volume II-Specific Regional Requirements to mandate the use of ICARD as the only means for managing 5LNCs; and the alphanumeric codes for terminal airspace, in accordance with PANS-OPS (Doc 8168) provisions. | To mandate the use of ICARD to resolve the issue related to the use of name codes not from ICARD database.         | Proposal for<br>Amendment              | ICAO  | Jan 2019          | PfA Serial No. MID-II 19/01 – ATM approved (SL Ref.:<br>AN 6/5A – 19/121 dated 8 Apr 2019 |
| MSG Conclusion 6/11: ICARD Issues  |  |  |   |                   | Actioned  |
| That,  |  |  |   |                   |   |
| <ul> <li>a) States be urged to take necessary actions on the resolution of the issues related to ICARD/5LNCs, including: <ol> <li>registration of all 5LNCs published in AIP into ICARD;</li> <li>5LNCs duplicates;</li> <li>Non-ICAO codes;</li> </ol> </li> </ul>                    | To resolve the ICARD issues, Duplicate, likesoundings 5LNCs and to optimise the management of 5LNCs through ICARD. | State Letter  Implement the Conclusion | ICAO<br>States                              | Feb 2019 Dec 2019 | SL Ref.: AN 8/15.1 - 19/060 dated 20 Feb 2019   |
| iv. sound-like proximity; v. release of unused registered 5LNCs; and   | The task requires a lot of coordination and follow-up  |  |   |                   |   |

| CONCLUSIONS AND DECISIONS   | CONCERNS/<br>CHALLENGES (RATIONALE)   |  | DELIVERABLE/ TO BE INITIATED BY TARGET DATE |                          | STATUS/REMARKS |
|---|---|--|---|--------------------------|----------------|
| <ul> <li>vi. use of Alphanumeric codes for terminal airspace, in accordance with PANS-OPS (Doc 8168) provisions.</li> <li>b) Users (IATA, IFALPA, Jeppesen, etc.) are invited to report issues related to ICARD/5LNCs in the MID Region to the ICAO MID Office; and</li> <li>c) an air navigation deficiency be filed against those States that are not complying with Annex 11 and Doc 8168 provisions related to 5LNCs</li> </ul> | with States and willingness<br>to implement the relevant<br>requirements/solutions.   | Users File deficiencies                                      | Report<br>ICARD<br>ICAO                     | Continuous<br>Continuous |                |
| MSG DECISION 6/12: TERMS OF REFERENCE OF THE MID ROUTE DEVELOPMENT WORKING GROUP (MID RDWG)   |   |  |   |                          | Completed      |
| That, the MID RDWG Terms of Reference at <b>Appendix 5.3D</b> are endorsed.   | Endorsement of MID RDWG TORs developed by the ATM SG.   | TORs   | MSG/6                                       | Dec 2018                 |                |
| MSG DECISION 6/13: MID REGION ATS ROUTE CATALOGUE   |   |  |   |                          | Completed      |
| <ul> <li>That,</li> <li>a) the MID Region ATS Route Catalogue at Appendix 5.3E is endorsed and be published on the ICAO MID and IATA MENA websites; and</li> <li>b) IATA is responsible to maintain the Catalogue up-to-date through the agreed process and the MID RDWG framework.</li> </ul>  | Development of more<br>dynamic and up-to-date ATS<br>route Catalogue to replace<br>and supersede the previous<br>one, which should be<br>maintained by IATA | MID ATS Route<br>Catalogue                                   | MSG/6                                       | Dec 2018                 |                |
| MSG DECISION 6/14: MID ATM CONTINGENCY PLAN ACTION GROUP  |   |  |   |                          | Completed      |
| That, the MID ATM Contingency Plan Action Group, composed of ATM experts from Bahrain, Iran, Iraq, Kuwait, Oman, Qatar, Saudi Arabia, UAE, AACO, IATA and ICAO, be established to carry out a comprehensive review of the MID Region ATM Contingency Plan (MID Doc 003).  | To carry out a comprehensive review and update of the MID ATM Contingency Plan  | Establishment<br>MID ATM<br>Contingency Plan<br>Action Group | MSG/6                                       | Dec 2018                 |                |

| Conclusions and Decisions   | CONCERNS/<br>CHALLENGES (RATIONALE)   | DELIVERABLE/<br>TO BE INITIATED BY |       | TARGET DATE | Status/Remarks  |
|---|---|------------------------------------|-------|-------------|---|
| MSG CONCLUSION 6/15: DEFICIENCIES RELATED TO THE NON-<br>SIGNATURE OF CONTINGENCY<br>AGREEMENTS WITH STATES AT THE<br>INTERFACE WITH ICAO MID REGION  |   |                                    |       |             | Completed   |
| That,  a) the MID eANP Volume II-Part IV (ATM) be amended to reflect the regional requirements related to the signature of ATM Contingency Agreements; and  | To update the regional requirements in the MID ANP related to the contingency agreements between adjacent ACCs and                          | PfA for MID<br>eANP Vol II         | ICAO  | Mar 2019    | PfA Serial No. MID-II 19/01 – ATM approved (SL Ref.:<br>AN 6/5A – 19/121 dated 8 Apr 2019 |
| b) the deficiencies related to the non-signature of contingency agreements with the States at the interfaces with the ICAO MID Region be removed.   | remove the deficiencies<br>reported against States for<br>not signing agreement with<br>States at the interface with<br>the ICAO MID Region | Update MANDD                       | ICAO  | Feb 2019    | Completed   |
| MSG CONCLUSION 6/16: REGIONAL MID REQUIREMENT FOR AIDC/OLDI IMPLEMENTATION  |   |                                    |       |             | Completed   |
| That, a Proposal for Amendment to the MID eANP Volumes II – Part IV-ATM related to the requirement for AIDC/OLDI implementation (priority 1 interconnections) be processed in accordance with the standard procedure for amendment. | To add requirements for AIDC/OLDI in the MID ANP Vol II   | PfA to MID eANP<br>Vol II          | ICAO  | Mar 2019    | PfA Serial No. MID-II 19/01 – ATM approved (SL Ref.:<br>AN 6/5A – 19/121 dated 8 Apr 2019 |
| MSG CONCLUSION 6/17: AMENDMENT OF THE MID SSR CMP AND MID eANP VOLUME II –TABLE ATM II-MID-2  |   |                                    |       |             | Completed   |
| That,   |   |                                    |       |             |   |
| a) ICAO process a Proposal for Amendment of the MID eANP Volume II-Table ATM II-MID-2 — MID SSR Code Allocation List, to reflect the changes at Appendix 5.3H; and  | To resolve the interference at<br>the interface between Tripoli<br>FIR and EUR  | PfA to MID eANP<br>Vol II          | ICAO  | Mar 2019    | PfA Serial No. MID-II 19/01 – ATM approved (SL Ref.:<br>AN 6/5A – 19/121 dated 8 Apr 2019 |
| b) the revised version of MID SSR CMP (MID Doc 005) at Appendix 5.3I is endorsed.   |   | Revised MID SSR<br>CMP             | MSG/6 | Dec 2018    | Completed   |

| CONCLUSIONS AND DECISIONS   | CONCERNS/<br>CHALLENGES (RATIONALE)                               | DELIVERABLE/<br>TO BE INITIATED BY  |       | TARGET DATE | STATUS/REMARKS |
|---|---|---|-------|-------------|----------------|
| MSG Decision 6/18: TERMS OF REFERENCE OF THE MID ATFM TASK FORCE  |   |   |       |             | Completed      |
| That, the MID ATFM Task Force Terms of Reference at Appendix 5.3J are endorsed.   | Endorsement of MID ATFM TF TORs developed by the ATM SG.          | ATFM TF TORs  | MSG/6 | Dec 2018    |                |
| MSG DECISION 6/19: TERMS OF REFERENCE OF THE FIFA WORLD CUP 2022 TASK FORCE   |   |   |       |             | Completed      |
| <ul> <li>That,</li> <li>a) the name of the World Cup 2022 Task Force be changed to FIFA World Cup 2022 TF (FWC2022 TF); and</li> <li>b) the FWC2022 TF Terms of Reference at Appendix 5.3K are endorsed.</li> </ul> | Endorsement of FWC2022<br>TF TORs developed by the<br>ATM SG.     | FWC2022 TF<br>TORs  | MSG/6 | Dec 2018    |                |
| MSG Conclusion 6/20: MID REGION PBN IMPLEMENTATION  |   |   |       |             | Completed      |
| PLAN  That the MID Region PBN Implementation Plan (MID Doc 007) - Edition December 2018 at Appendix 5.3L is endorsed and be published on the ICAO MID website.  | Revised PBN regional Plan   | Revised MID<br>Region PBN<br>Implementation<br>Plan                               | MSG/6 | Dec 2018    |                |
| MSG CONCLUSION 6/21: NATIONAL PBN IMPLEMENTATION PLANS  |   |   |       |             | Completed      |
| That , the States' National PBN Implementation be published on the ICAO MID website to facilitate consultation and planning of the airspace users.  | To facilitate consultation by users of States' national PBN plans | Publication of<br>PBN national<br>plans on the MID<br>Website under<br>eDocuments | ICAO  | Continuous  |                |

| Conclusions and Decisions  | CONCERNS/<br>CHALLENGES (RATIONALE)                                 | DELIVERABLE/<br>TO BE INITIATED BY  |          | TARGET DATE | Status/Remarks   |
|--|---|-------------------------------------|----------|-------------|--|
| MSG CONCLUSION 6/22: MID FLIGHT PROCEDURE PROGRAMME (MID FPP)  |   |                                     |          |             | Actioned   |
| That, States that have not yet done so, be urged to respond to the MID Office State Letter related to the MID FPP, join and support the                                | To urge States to join the MID FPP                                  | State Letter                        | ICAO     | Nov 2018    | Letters were sent and follow-up with each State has been carried out |
| Programme to benefit from its services.  |   | Feedback                            | States   | Dec 2018    |  |
| MSG Conclusion 6/23: MID REGION SEARCH AND RESCUE IMPLEMENTATION PLAN  |   |                                     |          |             | Completed  |
| That , the MID Region Search and Rescue Implementation Plan at Appendix 5.3O is endorsed as MID Doc 010 and to be published on the ICAO MID website.                   | To support States with the implementation of SAR                    | MID Region SAR<br>Plan              | MSG/6    | Dec 2018    |  |
| MSG CONCLUSION 6/24: SUPPORT ICAO POSITION TO WRC-19   |   |                                     |          |             | Ongoing  |
| That, States be urged to:  | To support ICAO position to WRC-19                                  | ICAO position is supported in the   | States   | 2019        |  |
| <ul> <li>a) work closely with the States Telecommunication Authorities to<br/>support the ICAO Position to the WRC-19;</li> </ul>                                      |   | WRC-19                              |          |             |  |
| b) make necessary arrangements for the designated Civil Aviation<br>Personnel to participate actively in the preparatory work for<br>WRC-19 at the national level; and |   |                                     |          |             |  |
| c) attend the preparatory regional spectrum management groups meetings and WRC-19 to support and protect aviation interests.   |   |                                     |          |             |  |
| MSG CONCLUSION 6/25: FREQUENCY MANAGEMENT WORKSHOP   |   |                                     |          |             | Ongoing  |
| That, ICAO consider the organization of a Workshop on the Frequency Finder Tool jointly with ACAO in 2020.   | To provide guidance to<br>States related to frequency<br>management | Frequency<br>Management<br>workshop | ICAO MID | 2020        |  |

| Conclusions and Decisions   | CONCERNS/<br>CHALLENGES (RATIONALE)                               | DELIVERABLE/<br>TO BE INITIATED BY                   |        | TARCET DAT          |  | TARGET DATE | Status/Remarks |
|---|---|--|--------|---------------------|--|-------------|----------------|
| MSG CONCLUSION 6/26: REGISTERED FREQUENCY UPDATE  |   |  |        |                     | Actioned/Completed   |             |                |
| That, for an optimized frequency assignment process and in order to ensure that assigned frequencies to MID States are not interfering, States that have not yet done so, be urged to:  | To optimize frequency assignment process and reduce interferences | State Letter   | ICAO   | Dec. 2018           | SL Ref. AN 7/5.7 – 18/410 dated 19<br>December 2019.   |             |                |
| <ul> <li>a) verify and update existing registered frequencies in the COM list;</li> <li>b) add any missing frequencies with the full details, where applicable;</li> <li>c) delete unused frequencies;</li> <li>d) send the changes in excel format generated by the FF export</li> </ul> |   | Registered<br>frequency<br>database is up to<br>date | States | 13 100. 2019        | Replies received from Bahrain, Egypt,<br>Iraq, Kuwait, Qatar, Saudi Arabia,<br>Sudan, and UAE  |             |                |
| function; and e) provide the ICAO MID Office with feedback before 15 February 2019.   |   |  |        |                     |  |             |                |
| MSG CONCLUSION 6/27: FREQUENCY MANAGEMENT FOCAL POINTS  |   |  |        |                     | Actioned/completed   |             |                |
| That, States, that have not yet done so, be invited to assign Frequency Management Focal Points by 15 February 2019, for a better coordination of frequency management issues, including harmful interference.  | To resolve frequency interferences incidents in a timely manner   | Frequency focal points                               | States | 15 February<br>2019 | SL Ref. AN 7/5.7 – 18/411 dated 19<br>December 2019  Replies received from Bahrain, Egypt,<br>Iraq, Jordan, Kuwait, Saudi Arabia,<br>Sudan and UAE |             |                |
| MSG CONCLUSION 6/28: MID CRV REQUIREMENT  |   |  |        |                     | Actioned   |             |                |
| That, in order to request price revision from the CRV's Service provider (PCCW Global) for the MID Region, States that have not done so, are urged to complete the MID CRV requirements at  | To request price revision from CRV supplier (PCCW)                | consolidated<br>Network<br>requirements              | States | 15 February<br>2019 | SL Ref. AN 6/31.4 – 18/412 dated 19<br>December 2019   |             |                |
| Appendix 5.3P, not later than 15 February 2019.   |   |  |        |                     | Replies received from Iran   |             |                |

| Conclusions and Decisions   | CONCERNS/<br>CHALLENGES (RATIONALE)                                 | DELIVERABLE/<br>To be initiated by                         |                             | TARGET DATE   | STATUS/REMARKS                                |
|---|---|--|-----------------------------|---------------|---|
| MSG Conclusion 6/29: IMPLEMENTATION OF FILE TRANSFER BODY PART (FTBP)   |   |  |                             |               | Actioned /Ongoing                             |
| <ul> <li>That, States are urged to:</li> <li>a) implement FTBP capability at National COM Centres (AMHS is a pre-requisite);</li> <li>b) implement P3/P7 with FTBP capability at the National OPMET</li> </ul>                | To enable IWXXM implementation                                      | FTBP implemented   | States                      | November 2020 | SL Ref. AN 7/31 – 18/413 dated 19<br>December |
| Centre (NOC); and c) set the maximum overall AMHS Message size to 4 MB.   |   |  |                             |               |   |
| MSG CONCLUSION 6/30: THE COMMUNICATION NETWORK FOR IWXXM DATA EXCHANGE  |   |  |                             |               | Actioned/ Ongoing                             |
| That, the Main and Backup Regional OPMET Centres (Bahrain and Saudi Arabia) and the Main COM Centres in the MID Region be urged to join the CRV Project in order to enable the exchange of OPMET information in IWXXM format. | To reduce the network complexity                                    | Main and Backup<br>Regional OPMT<br>Centres join CRV       | Bahrain and<br>Saudi Arabia | November 2020 | SL Ref. AN 7/31 – 18/413 dated 19<br>December |
| MSG Conclusion 6/31: Guidance on GNSS Implementation  |   |  |                             |               | Completed                                     |
| That, the Guidance on GNSS Implementation in the MID Region at Appendix 5.3Q is endorsed and be published as ICAO MID Doc 011.  | To provide guidance<br>material to States on GNSS<br>implementation | Guidance on<br>GNSS<br>implementation in<br>the MID Region |                             | December 2018 | MSG Conclusion 6/31, the document endorsed    |

| Conclusions and Decisions   | CONCERNS/<br>CHALLENGES (RATIONALE)  | DELIVERABLE/<br>TO BE INITIATED BY            |                              | I TARCET DA                 |  | TARGET DATE | STATUS/REMARKS |
|---|--|---|------------------------------|-----------------------------|--|-------------|----------------|
| MSG Conclusion 6/32: MID Region Surveillance Plan and Workshop  |  |   |                              |                             | Actioned/ Ongoing                                  |             |                |
| That, with a view to provide MICA Operator with necessary knowledge to implement MICA processes efficiently, and in order to develop a comprehensive Surveillance Plan in the MID Region:   | Good and harmonized surveillance planning in the MID Region.                           | MID Region<br>Surveillance Plan               | CNS SG                       | April 2019                  |  |             |                |
| <ul> <li>a) a Surveillance/MICA Workshop with support of EUROCONTROL be organised in February 2019);</li> <li>b) States invited to participate actively in the Workshop; and</li> <li>c) the Draft MID Region Surveillance Plan be reviewed/updated during the Surveillance/MICA Workshop and presented to the CNS SG/9 meeting for further review, before presentation to the MIDANPIRG/17 meeting for endorsement.</li> </ul> | To build capacity on<br>Surveillance and MICA<br>usage.                                | Organise<br>Surveillance/MIC<br>A workshop    | ICAO MID<br>Office           | February 2019               |  |             |                |
| MSG Conclusion 6/33: ATM Data Cyber Security (ADCS) PORTAL  |  |   |                              |                             | Actioned/ Completed                                |             |                |
| That,  a) the ADCS Portal be used as a prototype platform for ATM cyber security; and  b) States be encouraged to:  i) assign ADCS focal point(s) to register on the ADCS Portal;  ii) provide feedback to the ADCS Admin by 15 February 2019  for further enhancements; and  iii) share their experience related to cyber security, through the ADCS Portal.   | To facilitate sharing experience on ATM Data cyber security                            | State Letter  ADCS focal points               | ICAO MID<br>Office<br>States | February 2019<br>March 2019 | Ref. SL AN 7/36 – 19/042 dated 11<br>February 2019 |             |                |
| MSG CONCLUSION 6/34: CYBER SECURITY AND RESILIENCE SEMINAR  That, in order to enrich the cyber security awareness and strengthen the cyber resilience in the MID Region, ICAO organise a Cyber Security and Resilience Seminar in 2019 jointly with ACAO.   | To build capacity on cyber security, and develop policies on Cyber security resilience | Cyber Security<br>and Resilience<br>Symposium | ICAO MID<br>Office           | October 2019                | Ongoing  |             |                |

| CONCLUSIONS AND DECISIONS   | CONCERNS/<br>CHALLENGES (RATIONALE)  | DELIVERABLE/<br>TO BE INITIATED BY |                    | TARGET DATE          | STATUS/REMARKS   |
|---|--|------------------------------------|--------------------|----------------------|--|
| MSG Conclusion 6/35: Cyber Security Subject Matter Expert   |  |                                    |                    |                      | Actioned/ Completed  |
| That, to strengthen States' Cyber-resilience capabilities in the MID Region, States be invited to ensure that they have qualified/trained Cyber Security Subject Matter Experts.  | To ensure availability of required competencies on cyber security in States  | State Letter  Cyber Security SME   | ICAO MID<br>Office | February 2019        | Ref. AN 7/36 – 19/042 dated 11<br>February 2019  |
| MSG Conclusion 6/36: IDENTIFICATION OF INTERNATIONAL AERODROMES FOR WIND SHEAR WARNINGS/ALERTS REQUIREMENTS   |  |                                    |                    |                      | Ongoing  |
| <ul> <li>That, based on the occurrences/incidents and statistics related to wind shear for the past 3 to 5 years, States be urged to:</li> <li>a) identify those International Aerodromes for which wind shear is considered a safety factor for operation; and</li> <li>b) provide feedback to the ICAO MID Office before 15 February 2019.</li> </ul> | To determine the applicability area for the wind shear element under B0-AMET in the MID Region Air Navigation Strategy |                                    |                    |                      | SL Ref.: AN 10/12 – 19/057 dated 18 Feb. 2019  |
| MSG CONCLUSION 6/37: MIDANPIRG WORKING ARRANGEMENTS   |  |                                    |                    |                      | Ongoing  |
| That, States be invited to provide the ICAO MID Office, not later than 15 March 2019, with their views and proposals related to the MIDANPIRG working arrangements and efficiency, and the MIDANPIRG Procedural Handbook (organizational structure, empowerment of the subsidiary bodies, approval by passing, etc.).                                   | To receive proposals related to the MIDANPIRG Organizational Structure and working arrangements                        | State Letter Views and proposals   | ICAO<br>States     | Feb 2019<br>Mar 2019 | SL Ref.: ME 3 – 19/056 dated 18<br>Feb. 2019 (Kuwait)<br>WP to be presented to<br>MIDANPIRG/17 |

| CONCLUSIONS AND DECISIONS  | CONCERNS/<br>CHALLENGES (RATIONALE)                                       | DELIVERABLE/<br>TO BE INITIATED BY   |      | TARGET DATE      | STATUS/REMARKS |
|--|---|--|------|------------------|----------------|
| MSG CONCLUSION 6/38: STATE LETTERS ONLINE MONITORING TOOL  |   |  |      |                  | Ongoing        |
| That, in order to support States in the process of follow-up and effective provision of replies to the ICAO MID Office State Letters, ICAO is invited to explore/implement an online monitoring tool.  | Low level of replies to State<br>Letters                                  | States Letters' online tool  | ICAO | 2019             |                |
| DRAFT CONCLUSION 6/1: AVIATION DATA & ANALYSES AND AIRPORTS & AIR NAVIGATION CHARGES SEMINARS/ WORKSHOPS   |   |  |      |                  | Ongoing        |
| That, in order to foster dialogue on the development of an economically viable civil aviation system (airlines, airports, air navigation services providers, etc.) and enhance its economic efficiency and transparency:  a) ICAO organize jointly with ACAO on regular basis the Aviation Data and Analyses and the Airports and Air Navigation Charges Seminars/Workshops; and | Enhance economic efficiency and transparency of the air navigation system | Aviation Data and<br>Analyses and<br>Airports and Air<br>Navigation<br>Charges<br>Seminars/Worksh<br>ops | ICAO | Regular<br>basis |                |
| b) States are encouraged to participate actively in these events.  |   |  |      |                  |                |
| DRAFT CONCLUSION 6/2: KHARTOUM COM CENTRE  |   |  |      |                  | Ongoing        |
| That, in order to establish a third Gateway to the AFI Region, Khartoum COM Centre be changed to a main Centre.  | To improve the data communication between AFI and MID Regions             |  |      |                  |                |