



*International Civil Aviation Organization*

**MIDANPIRG Communication Navigation and Surveillance  
Sub-Group (CNS SG)**

**Fifth Meeting**  
*(Cairo, Egypt, 11 – 13 December 2012)*

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**Agenda Item 2: Follow-up action MIDANPIRG/13 Conclusion and Decision relevant to  
CNS**

**REVIEW FOLLOW-UP MIDANPIRG/13 CONCLUSIONS  
AND DECISIONS RELEVANT TO CNS**

*(Presented by the Secretariat)*

**SUMMARY**

This paper presents the CNS related MIDANPIRG/13 Conclusion and Decisions and the follow-up actions taken by concerned parties.

Action by the meeting is at paragraph 3.

**REFERENCES**

- MIDANPIRG/13 Report

**1. INTRODUCTION**

1.1 The MIDANPIRG/13 was held in Abu Dhabi, UAE, 22-26 April 2012. The meeting developed 59 Conclusions and 12 Decisions.

1.2 The CNS Sub-Group and the ATN-IPS Working Group are charged to follow-up on the implementation process related to CNS and inform MIDANPIRG on the progress achieved and problems encountered.

**2. DISCUSSION**

2.1 The meeting may wish to note that in accordance with the ICAO Business Plan and the requirements for performance monitoring, the MIDANPIRG Conclusions/Decisions and associated follow-up action plan should be formulated with clear tasks, specific deliverables and defined target dates. Accordingly, those statements without requirement for specific follow-up activities should be reflected in the report and should not be formulated in the form of Conclusion or Decision.

2.2 This paper provides the meeting with an update on the status of MIDANPIRG/13 Conclusions and Decisions related to CNS. It shows also the follow-up actions taken by concerned parties.

2.3 MIDANPIRG/13 developed a follow-up action plan in which the required follow-up action(s), the responsible(s), the deliverable(s) and target dates are defined. An extract of this action plan containing the relevant Conclusions and Decisions related to the CNS Sub-Group Work Programme, is at **Appendix A** to this working paper

### **3. ACTION BY THE MEETING**

3.1 The meeting is invited to note the follow-up action on the list of Conclusions and Decisions at **Appendix A** to this working paper, and provide updates if any.

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APPENDIX A

FOLLOW-UP ACTION PLAN ON MIDANPIRG/13 CONCLUSIONS AND DECISIONS

CONCLUSIONS AND DECISIONS	FOLLOW-UP	TO BE INITIATED BY	DELIVERABLE	TARGET DATE	REMARKS
<p><b>CONCLUSION 13/5: IMPLEMENTATION OF REDUCED RADAR LONGITUDINAL SEPARATION IN THE MID REGION</b></p> <p>That,</p> <p>a) States, that have not yet done so;</p> <p>i) be urged to implement the 20 NM radar longitudinal separation;</p> <p>ii) be encouraged to further reduce the radar longitudinal separation within the MID Region to 10 NM, where appropriate; and</p> <p>iii) be invited to agree with their neighbouring FIRs/States on the date of implementation and updating of the LoAs;</p> <p>b) the ATM Regional PFFs be updated to include the reduced radar longitudinal separation as an ATM objective for the MID Region.</p>	Implement the Conclusion	ICAO States	State Letter	30 Aug. 2012	AN 6/3 – 12/165 dated 12 June 2012
<p><b>CONCLUSION 13/9: MID REGIONAL CONTINGENCY PLAN</b></p> <p>That, States and users be urged to review the MID Regional Contingency Plan and the revised version of the CRAME-03 at <b>Appendices 4.2E and 4.2F</b> to the Report on Agenda Item 4.2, respectively; and provide updates and comments to the ICAO MID Regional Office before <b>1 September 2012</b>.</p>	Implement the Conclusion	States ICAO	State Letter	Sep. 2012	AN 6/1.2.1 – 12/166 dated 12 June 2012
<p><b>CONCLUSION 13/10: POST RVSM IMPLEMENTATION IN THE BAGHDAD FIR</b></p> <p>That,</p> <p>a) Iraq be urged to implement the actions agreed by the BFPRI-SCM in an expeditious manner to solve the ATC coordination, communication and surveillance issues between Baghdad ACC and the neighbouring ACCs;</p> <p>b) States and all stakeholders be invited to support Iraq in the process of normalization of the Baghdad FIR; and</p>	Implement the Conclusion	ICAO States/Stakeholders Iraq	State Letter Provide support Implement the Action Plan	15 Jun. 2012 15 Oct. 2012 15 Oct. 2012	

CONCLUSIONS AND DECISIONS	FOLLOW-UP	TO BE INITIATED BY	DELIVERABLE	TARGET DATE	REMARKS
c) in case of low progress of implementation of the necessary actions by Iraq before <b>15 October 2012</b> , the RVSM operations be suspended in the Baghdad FIR.					
<b>DECISION 13/17: ESTABLISHMENT OF THE MIDAD STUDY GROUP (MIDAD STG)</b> That, the MID Region AIS Database (MIDAD) Study Group (MIDAD STG) is established with Terms of Reference as at <b>Appendix 4.3B</b> to the Report on Agenda Item 4.3.	Implement the work programme of the MIDAD STG	MIDANPIRG/13	MIDAD STG established	Apr. 2012	
<b>CONCLUSION 13/23: MID IP NETWORK SURVEY</b> That, States complete the MID IP Network survey as at <b>Appendix 4.4A</b> to the Report on Agenda Item 4.4 and provide feedback to the ATN-IPS WG/4 meeting.	Implement the Conclusion	ICAO States	State Letter Completed Survey	May 2012	
<b>CONCLUSION 13/24: DEVELOPMENT OF IP BASED MID NETWORKS</b> That, States, that have not yet done so, be urged to: a) develop national plans, in line with the ICAO Manual on the Aeronautical Telecommunication Network (ATN) using Internet Protocol Suite (IPS) Standards and Protocols (Doc 9896), for migration to IPv6 taking the existing IPv4 based aeronautical systems into account; b) consider the use of IPv4/IPv6 protocol translation devices only as a provisional solution during the migration; and c) include a requirement for both IPv4 and IPv6 in their ongoing Air Traffic Services (ATS) Message Handling System (AMHS) implementation programmes in order to ensure seamless transition and interoperability.	Implement the Conclusion	ICAO States	State Letter	Sep. 2012	

CONCLUSIONS AND DECISIONS	FOLLOW-UP	TO BE INITIATED BY	DELIVERABLE	TARGET DATE	REMARKS
<p><b>CONCLUSION 13/25: UPDATE THE AMC SYSTEM</b></p> <p>That, States be urged to keep the data related to their COM CENTER updated in the EUR-AMC system</p>	Implement the Conclusion	ICAO States	State Letter	Sep. 2012	
<p><b>CONCLUSION 13/26: MID AFTN/CIDIN DIRECTORY</b></p> <p>That, ICAO MD Regional Office:</p> <p>a) take necessary steps with Jordan to populate the MID AFTN/CIDIN Directory in the MID-AMC; and</p> <p>b) post the MID AFTN/CIDIN Directory in the ICAO MID Website.</p>	Implement the Conclusion	ICAO Jordan States	MID Routing Directory in MID AMC	Dec. 2012	
<p><b>CONCLUSION 13/27: MID-ATS MESSAGE MANAGEMENT CENTRE (AMC) PROJECT</b></p> <p>That,</p> <p>a) Jordan complete the development of the MID-AMC;</p> <p>b) ICAO MID Regional Office communicate with EUROCONTROL to provide the necessary support for the project;</p> <p>c) ATN-IPS WG and CNS SG develop the necessary legal framework for the use of the MID-AMC; and</p> <p>d) States be encouraged to use the MID-AMC on trial basis for one year.</p>	Implement the Conclusion	ATN-IPS WG ICAO Jordan States	Operations of MID-AMC  Trial results	Dec. 2012  Apr. 2013	
<p><b>DECISION 13/28: REVISED TOR OF THE ATN-IPS WORKING GROUP</b></p> <p>That, the Terms of Reference (TOR) of the ATN-IPS Working-Group be updated as at <b>Appendix 4.4C</b> to the Report on Agenda Item 4.4.</p>	Implement the work programme of the ATN IPS WG	MIDANPIRG	Updated TOR	Apr. 2012	Completed
<p><b>DECISION 13/29: TERMS OF REFERENCE OF THE CNS SUB-GROUP</b></p> <p>That, the Terms of Reference (TOR) of the CNS SG be updated as at <b>Appendix 4.4D</b> to the Report on Agenda Item 4.4.</p>	Implement the work programme of the CNS SG	MIDANPIRG	Updated TOR and Procedural Handbook	Apr. 2012	Completed

CONCLUSIONS AND DECISIONS	FOLLOW-UP	TO BE INITIATED BY	DELIVERABLE	TARGET DATE	REMARKS
<p><b>CONCLUSION 13/30: NATIONAL PERFORMANCE FRAMEWORK</b></p> <p>That, States be urged to:</p> <p>a) develop, update and/or complete their National Performance Framework, including the National Performance Framework Forms (PFFs), ensuring the alignment with and support to the regional performance objectives;</p> <p>b) incorporate the agreed MID Region Performance Metrics into their National performance monitoring process; and</p> <p>c) report relevant data necessary for performance monitoring of the air navigation systems to the ICAO MID Regional Office, on a regular basis, with a view to update the Regional PFFs and monitor the MID Region Performance Metrics.</p>	Implement the Conclusion	ICAO States	State Letter  Feedback and reports	30 Jun. 2012  On regular basis	
<p><b>DECISION 13/32: ESTABLISHMENT OF THE MID AIR NAVIGATION PLAN AD-HOC WORKING GROUP (ANP WG)</b></p> <p>That, the MID Air Navigation Plan Ad-hoc Working Group (ANP WG) be established to fulfil the requirements set up by MIDANPIRG through Decision 12/49.</p>	Convene the ANP WG/1 meeting	MIDANPIRG/13	ANP WG established	Apr. 2012	Completed
<p><b>CONCLUSION 13/36: ICAO NEW FLIGHT PLAN FORMAT AWARENESS CAMPAIGNS</b></p> <p>That, States be urged to conduct internal awareness campaigns on INFPL and invite all stakeholders within their States.</p>	Implement the Conclusion	ICAO States	State letter	Jun. 2012	
<p><b>CONCLUSION 13/40: MID REGION INFPL IMPLEMENTATION DOCUMENT</b></p> <p>That, the MID Region INFPL Implementation document be adopted as at <b>Appendix 4.5N</b> to the Report on Agenda Item 4.5.</p>	Implement the Conclusion	MIDANPIRG/13	Adopted Document	Apr. 2012	Completed
<p><b>CONCLUSION 13/41: MID REGION PROCESS FOR MODE S IC CODES ALLOCATION</b></p> <p>That, the process for the allocation of IC codes for Mode S radars in the MID Region be adopted as at <b>Appendix 4.5O</b> to the Report on Agenda Item 4.5.</p>	Implement the Conclusion and follow the IC code allocation process	MIDANPIRG/13	Adopted process	April 2012	Completed

CONCLUSIONS AND DECISIONS	FOLLOW-UP	TO BE INITIATED BY	DELIVERABLE	TARGET DATE	REMARKS
<p><b>DECISION 13/42: MID REGION SURVEILLANCE STRATEGY</b></p> <p>That, the CNS SG review MID Surveillance Strategy and ADS-B Strategy at <b>Appendices 4.5P</b> and <b>4.5Q</b> to the Report on Agenda Item 4.5 and develop a consolidated MID Surveillance Strategy.</p>	Implement the Decision CNS SG/5 develop consolidated Strategy	CNS SG/5	MID Surveillance Strategy	Dec. 2012	
<p><b>CONCLUSION 13/43: ALLOCATION OF 24 BIT AIRCRAFT ADDRESS</b></p> <p>That, States be urged to:</p> <p>a) allocate 24 bit aircraft address according to Annex 10, Volume III, Part I, Chapter 9, Table 9-1 (allocation of aircraft addresses to States);</p> <p>b) send the allocation list to ICAO MID Regional Office and MIDRMA by 30 September 2012; and</p> <p>c) provide ICAO MID Regional Office and MIDRMA with regular updates to the allocation list.</p>	Implement the Conclusion	ICAO States MIDRMA	State Letter	Sep.2012	
<p><b>CONCLUSION 13/44: PROTECTION OF GNSS SIGNAL</b></p> <p>That, States that are listed in the footnotes 5.362B and 5.362C be urged to take necessary measures to remove their names from these footnotes as soon as possible.</p>	Implement the Conclusion	ICAO States	State Letter	Jun.2012	
<p><b>CONCLUSION 13/45: STRATEGY FOR THE IMPLEMENTATION OF GNSS IN THE MID REGION</b></p> <p>That, the Strategy for implementation of GNSS in the MID Region be updated as at <b>Appendix 4.5R</b> to the Report on Agenda Item 4.</p>	Implement the Strategy	MIDANPIRG/13	Strategy	Apr. 2012	Completed
<p><b>CONCLUSION 13/46: GNSS SURVEY</b></p> <p>That, States complete the GNSS questionnaire as at <b>Appendix 4.5S</b> to the Report on Agenda Item 4.5 and send it to the ICAO MID Regional Office before 1 September 2012.</p>	Implement the Conclusion	ICAO States	State Letter  Completed Survey	Sep.2012	

CONCLUSIONS AND DECISIONS	FOLLOW-UP	TO BE INITIATED BY	DELIVERABLE	TARGET DATE	REMARKS
<p><b>CONCLUSION 13/47: MID REGIONAL PBN IMPLEMENTATION STRATEGY AND PLAN</b></p> <p>That, the MID Regional PBN Implementation Strategy and Plan be updated as at <b>Appendix 4.5T</b> to the Report on Agenda Item 4.5.</p>	Implement the Strategy	MIDANPIRG/13	Strategy	Apr. 2012	Completed
<p><b>DECISION 13/48: ESTABLISHMENT OF MID PBN SUPPORT TEAM (MPST)</b></p> <p>That, MPST be established with TOR as at <b>Appendix 4.5U</b> to the Report on Agenda Item 4.5.</p>	Implement Decision	MIDANPIRG/13	MPST established	Apr. 2012	Completed
<p><b>CONCLUSION 13/49: MID PBN SUPPORT TEAM (MPST)</b></p> <p>That,</p> <p>a) ICAO MID Regional Office provide the leadership for MPST;</p> <p>b) UAE be the champion for the MPST;</p> <p>c) IATA fully commit and support the MPST; and</p> <p>d) States assign members to MPST and allocate necessary resources</p>	Implement the Conclusion	ICAO States UAE IATA	State Letter MPST Visit	Sep. 2012	
<p><b>CONCLUSION 13/50: PBN IMPLEMENTATION PROGRESS REPORT</b></p> <p>That, for future reporting on the status of PBN implementation, States be urged to:</p> <p>a) use the excel sheet as at <b>Appendix 4.5X</b> to the Report on Agenda Item 4.5, and PBN Implementation Progress Report Template as at <b>Appendix 4.5Y</b> to the Report on Agenda Item 4.5; and</p> <p>b) submit progress reports to ICAO MID Regional Office every six months and whenever major progress is achieved.</p>	Implement the Conclusion	States	Progress Report	Every 6 months	

CONCLUSIONS AND DECISIONS	FOLLOW-UP	TO BE INITIATED BY	DELIVERABLE	TARGET DATE	REMARKS
<p><b>CONCLUSION 13/61: CENTRALIZED AIR NAVIGATION DEFICIENCY DATABASE</b></p> <p>That, States and international organizations be invited to:</p> <p>a) test the centralized air navigation deficiency database on iSTARS platform using the guidance in <b>Appendix 5.1A</b> to the Report on Agenda Item 5.1;</p> <p>b) update the data as necessary in coordination with the ICAO MID Regional Office; and</p> <p>c) provide feedback to the ICAO MID Regional Office by <b>31 August 2012</b></p>	<p>Implement the Conclusion</p>	<p>ICAO</p> <p>States</p>	<p>State Letter</p> <p>Feedback</p>	<p>30 Jun. 2012</p> <p>31 Aug. 2013</p>	
<p><b>CONCLUSION 13/63: ELIMINATION OF AIR NAVIGATION DEFICIENCIES IN THE MID REGION</b></p> <p>That, States be urged to:</p> <p>a) review their respective lists of identified deficiencies, develop associated Corrective Action Plans and forward them to the ICAO MID Regional Office prior to 15 June 2012; and</p> <p>b) use the ICAO MID Air Navigation Deficiency Database (MANDD) for submitting online requests for addition, update, and elimination of air navigation deficiencies, until the official launch of the Centralized Air Navigation Deficiency Database on iSTARS.</p>	<p>Implement the Conclusion</p>	<p>ICAO</p> <p>States</p>	<p>State Letter</p> <p>CAP and necessary updates</p>	<p>15 Jun. 2012</p>	

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