



International Civil Aviation Organization

**Aeronautical Telecommunication Network/Internet
Protocol Suite Working Group**

**Fifth Meeting (ATN/IPS WG/5)
(Cairo, Egypt, 11 - 13 March 2013)**

**Agenda Item 2: Follow-up on MIDANPIRG/13 and other meetings Conclusion and
Decisions relevant to ATN/IPS TOR**

**FOLLOW-UP ON MIDANPIRG/13 AND OTHER MEETINGS
CONCLUSIONS AND DECISIONS**

(Presented by the Secretariat)

SUMMARY

This paper presents MIDANPIRG/13, ATN/IPS WG/4 and CNS SG/5 meetings Conclusion and Decisions relevant to ATN/IPS TOR, and the follow-up actions.

Action by the meeting is at paragraph 3.

REFERENCES

- ATN/IPS WG/4 Report
- CNS SG/5 Report
- MIDANPIRG/13 Report

1. INTRODUCTION

1.1 The MIDANPIRG/13 Meeting was held in Abu-Dhabi, UAE 22-26 April 2012. The meeting adopted 71 Conclusions and Decisions of which six (6) Conclusions and two (2) Decisions are considered relevant to the work of the ATN-IPS Working Group.

1.2 The Fourth Meeting of Aeronautical Telecommunication Network/Internet Protocol Suite Working Group (ATN/IPS WG/4) was convened at the ICAO MID Regional Office in Cairo, Egypt, 21-23 May 2012. The meeting was attended by a total of sixteen (16) participants from six (6) States (Bahrain, Egypt, Iran, Kuwait, Saudi Arabia and UAE).

1.3 The Fifth Meeting of the MIDANPIRG Communication Navigation and Surveillance Sub-Group (CNS SG/5) was held at ICAO Middle East Regional Office, Cairo, Egypt, 11-13 December 2012. The meeting developed seven (7) Conclusions and Decisions of which two (2) Conclusions and two (2) Decisions are considered relevant to the work of the ATN-IPS Working Group.

2. DISCUSSION

2.1 The meeting may wish to recall that it has been agreed by MIDANPIRG that each subsidiary body review the Conclusions and Decisions related to its terms of reference and decide whether to maintain or replace by an updated Conclusions and Decisions, in order not to have too many Conclusions and Decisions which are ongoing.

2.2 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 ATN/IPS Working Group Terms of Reference were discussed during ATN/IPS WG/4 Meeting held and appropriate actions were taken. The CNS SG/5 reviewed the ATN/IPS Report including Draft Conclusion and Decision developed by ATN/IPS WG/4. Furthermore, CNS SG/5 Meeting developed seven (7) Conclusions and Decisions of which two (2) Conclusions and two (2) Decisions are considered relevant to the work of the ATN-IPS Working Group.

2.3 Consolidated extract of MIDANPIRG/13, ATN/IPS WG/4 and CNS SG/5 Conclusions and Decisions relevant to ATN/IPS WG is at **Appendix A** to this working paper

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the follow-up action on the list of Conclusions and Decisions at **Appendix A** to this working paper; and
- b) take appropriate action related to those Conclusions and Decisions, which are still current, when discussing the associated agenda items.

APPENDIX A

FOLLOW-UP ACTION PLAN ON MIDANPIRG/13 ATN/IPS WG/4 AND CNS SG/5 CONCLUSIONS AND DECISIONS

CONCLUSIONS AND DECISIONS	FOLLOW-UP	TO BE INITIATED BY	DELIVERABLE	TARGET DATE	REMARKS
<p>CONCLUSION 13/9: MID REGIONAL CONTINGENCY PLAN</p> <p>That, States and users be urged to review the MID Regional Contingency Plan and the revised version of the CRAME-03 at Appendices 4.2E and 4.2F to the Report on Agenda Item 4.2, respectively; and provide updates and comments to the ICAO MID Regional Office before 1 September 2012.</p>	Implement the Conclusion	States ICAO	State Letter	Sep. 2012	AN 6/1.2.1 – 12/166 dated 12 June 2012
<p>DECISION 13/17: ESTABLISHMENT OF THE MIDAD STUDY GROUP (MIDAD STG)</p> <p>That, the MID Region AIS Database (MIDAD) Study Group (MIDAD STG) is established with Terms of Reference as at Appendix 4.3B to the Report on Agenda Item 4.3.</p>	Implement the work programme of the MIDAD STG	MIDANPIRG/13	MIDAD STG established	Apr. 2012	
<p>CONCLUSION 13/23: MID IP NETWORK SURVEY</p> <p>That, States complete the MID IP Network survey as at Appendix 4.4A to the Report on Agenda Item 4.4 and provide feedback to the ATN-IPS WG/4 meeting.</p>	Implement the Conclusion	ICAO States	State Letter Completed Survey	May 2012	Actioned
<p>CONCLUSION 13/24: DEVELOPMENT OF IP BASED MID NETWORKS</p> <p>That, States, that have not yet done so, be urged to:</p> <p>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;</p> <p>b) consider the use of IPv4/IPv6 protocol translation devices only as a provisional solution during the migration; and</p>	Implement the Conclusion	ICAO States	State Letter	Sep. 2012	Completed

CONCLUSIONS AND DECISIONS	FOLLOW-UP	TO BE INITIATED BY	DELIVERABLE	TARGET DATE	REMARKS
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.					
CONCLUSION 13/25: UPDATE THE AMC SYSTEM That, States be urged to keep the data related to their COM CENTER updated in the EUR-AMC system	Implement the Conclusion	ICAO States	State Letter	Sep. 2012	Replaces and superseded by Draft CNS SG5 Conc. 5/2
CONCLUSION 13/26: MID AFTN/CIDIN DIRECTORY That, ICAO MD Regional Office: a) take necessary steps with Jordan to populate the MID AFTN/CIDIN Directory in the MID-AMC; and b) post the MID AFTN/CIDIN Directory in the ICAO MID Website.	Implement the Conclusion	ICAO Jordan States	MID Routing Directory in MID AMC	Dec. 2012	Replaces and superseded by Draft CNS SG5 Conc. 5/2
CONCLUSION 13/27: MID-ATS MESSAGE MANAGEMENT CENTRE (AMC) PROJECT That, a) Jordan complete the development of the MID-AMC; b) ICAO MID Regional Office communicate with EUROCONTROL to provide the necessary support for the project; c) ATN-IPS WG and CNS SG develop the necessary legal framework for the use of the MID-AMC; and d) States be encouraged to use the MID-AMC on trial basis for one year.	Implement the Conclusion	ATN-IPS WG ICAO Jordan States	Operations of MID-AMC Trial results	Dec. 2012 Apr. 2013	Replaces and superseded by Draft CNS SG5 Conc. 5/2
DECISION 13/28: REVISED TOR OF THE ATN-IPS WORKING GROUP That, the Terms of Reference (TOR) of the ATN-IPS Working-Group be updated as at Appendix 4.4C to the Report on Agenda Item 4.4.	Implement the work programme of the ATN IPS WG	MIDANPIRG	Updated TOR	Apr. 2012	Completed

CONCLUSIONS AND DECISIONS	FOLLOW-UP	TO BE INITIATED BY	DELIVERABLE	TARGET DATE	REMARKS
<p>DECISION 13/29: TERMS OF REFERENCE OF THE CNS SUB-GROUP</p> <p>That, the Terms of Reference (TOR) of the CNS SG be updated as at Appendix 4.4D to the Report on Agenda Item 4.4.</p>	<p>Implement the work programme of the CNS SG</p>	<p>MIDANPIRG</p>	<p>Updated TOR and Procedural Handbook</p>	<p>Apr. 2012</p>	<p>To be Replace and superseded By Draft CNS SG5 Dec 5/7</p>
<p>CONCLUSION 13/30: NATIONAL PERFORMANCE FRAMEWORK</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>	<p>Implement the Conclusion</p>	<p>ICAO States</p>	<p>State Letter Feedback and reports</p>	<p>30 Jun. 2012 On regular basis</p>	
<p>DECISION 13/32: ESTABLISHMENT OF THE MID AIR NAVIGATION PLAN AD-HOC WORKING GROUP (ANP WG)</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>	<p>Convene the ANP WG/1 meeting</p>	<p>MIDANPIRG/13</p>	<p>ANP WG established</p>	<p>Apr. 2012</p>	<p>Completed</p>

CONCLUSIONS AND DECISIONS	FOLLOW-UP	TO BE INITIATED BY	DELIVERABLE	TARGET DATE	REMARKS
<p>CONCLUSION 13/63: ELIMINATION OF AIR NAVIGATION DEFICIENCIES IN THE MID REGION</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 States</p>	<p>State Letter CAP and necessary updates</p>	<p>15 Jun. 2012</p>	<p>Actioned On going</p>
<p>DRAFT CONCLUSION 5/1: MID AIDC IMPLEMENTATION PLAN</p>					
<p>That States,</p> <p>a- support ICAO to organize seminar on implementation of AIDC;</p> <p>b- participate actively the Seminar; and</p> <p>c- with support of ICAO secretariat complete the MID AIDC Implementation Plan.</p>					
<p>Draft Conclusion 5/2: MID-AMC Operation</p> <p>That,</p> <p>a- all MID States start using MID-AMC as of 12 December 2012 and provide feedback to ICAO MID Regional Office and MID-AMC-Project manager;</p> <p>b- States nominate three MID-AMC users; and</p> <p>c- concerned States sign the MOA as at Appendix 3C to the Report on Agenda Item 3 by 1 March 2013</p>					

CONCLUSIONS AND DECISIONS	FOLLOW-UP	TO BE INITIATED BY	DELIVERABLE	TARGET DATE	REMARKS
<p>Draft Decision 5/3: Establishment of MID-AMC Board</p> <p>That, MID-AMC Board is established with TOR as at Appendix 3D to the Report on Agenda Item 3.</p>					
<p>Draft Decision 5/4: Revised List of Task for ATN/IPS WG</p> <p>That, the list of tasks of the ATN/IPS Working Group be updated as at Appendix 3F to the Report on Agenda Item 3.</p>					

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