



*International Civil Aviation Organization*

**Performance Based Navigation/Global Navigation Satellite System  
Task Force (PBN/GNSS TF)**

**Fifth Meeting**  
*(Cairo, Egypt, 15 - 17 April 2013)*

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**Agenda Item 2: Follow-up on MIDANPIRG/13 Conclusions/Decisions relevant to  
PBN and GNSS**

**FOLLOW-UP ON MIDANPIRG/13 CONCLUSIONS/DECISIONS  
RELEVANT TO PBN AND GNSS**

*(Presented by the Secretariat)*

**SUMMARY**

This paper presents MIDANPIRG/13 Conclusions and Decisions related to the PBN and GNSS and the follow-up actions taken.

Action by the meeting is at paragraph 3.

**REFERENCES**

- MIDANPIRG/13 Report
- PBN GNSS TF/4 Report

**1. INTRODUCTION**

1.1 MIDANPIRG/13 Meeting was held in Abu Dhabi, UAE, from 22 to 26 April 2012. The meeting adopted 71 Conclusions and Decisions of which seventeen (17) Conclusions are considered relevant to the work of the PBN/GNSS TF.

1.2 The PBN GNSS TF/4 Meeting held in Cairo, Egypt, 02 - 04 October 2011, was attended by 26 participants, which included experts from eight (8) States (Bahrain, Egypt, Jordan, Kuwait, Oman, Qatar, Saudi Arabia and U.A.E.) and one (1) International Organizations (IATA). The meeting developed six (6) Conclusions and two (2) Decisions.

**2. DISCUSSION**

2.1 The meeting may recall that in order to enhance efficiency and keep track on the follow-up of Conclusions and Decision, each MIDANPIRG subsidiary body should review the MIDANPIRG Conclusions/Decisions related to its Terms of Reference (TOR) and decide whether to maintain, remove or replace these Conclusions/Decisions with more up-to-date ones (with new numbers i.e. Conclusion 3/XX).

2.2 The meeting may wish to note that MIDANPIRG decided that those Conclusions/Decisions which are of general nature and whose status of implementation would be “Ongoing” for many years are more suitable for inclusion in Handbooks, Manuals, Guidelines, etc, as appropriate.

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

2.4 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 PBN/GNSS field 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 also provide any updates.

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APPENDIX A

MIDANPIRG/13 Conclusions and Decisions pertaining to PBN GNSS Task Force for consideration by the PBN/GNSS TF/5 meeting

CONCLUSIONS AND DECISIONS	FOLLOW-UP	TO BE INITIATED BY	DELIVERABLE	TARGET DATE	REMARKS
<p><b>CONCLUSION 13/3: IMPROVEMENT OF THE ATS ROUTE STRUCTURE IN THE MID REGION</b></p> <p>That, as a first step towards the rationalization of the ATS route network in the MID Region:</p> <p>a) States be urged to;</p> <p>i) identify those ATS Routes that are not economically structured within their airspaces;</p> <p>ii) coordinate and agree with appropriate authorities on the priority of action to replace the identified routes with more economical routes based on the definition of City Pairs, the PBN and FUA concepts;</p> <p>b) Users to;</p> <p>i) identify those ATS Routes that are not economically structured in the MID Region;</p> <p>ii) provide priority of action; and</p> <p>c) States and Users; provide feedback to the ARN TF/6 meeting</p>	Implement the Conclusion	ICAO States Users	State Letter	Sep. 2012	AN 6/5.8 - 12/164 dated 12 June 2012
<p><b>CONCLUSION 13/4: MIDRAR PROJECT</b></p> <p>That States, be invited to support the MIDRAR Project and assign Focal Points to provide necessary information to the MIDRAR Team</p>	Implement the Conclusion	ICAO States	State Letter	30 Aug. 2012	AN 6/5.8.3 – 12/167 dated 12 June 2012

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>CONCLUSION 13/31: ENDORSEMENT OF THE AIM PARTS OF THE MID BASIC ANP AND FASID</b></p> <p>That, the AIM Parts of the MID Basic ANP and FASID, including the AIM FASID Tables at <b>Appendices 4.5F, 4.5G and 4.5H</b> to the Report on Agenda Item 4.5:</p> <p>a) are endorsed;</p> <p>b) be used as a planning document for the transition from AIS to AIM in the MID Region; and</p> <p>c) be formally included in the MID ANP through a proposal for amendment, when the new structure of the MID ANP is finalized and the AIM FASID Tables are populated with relevant data.</p>	Implement the Conclusion	MIDANPIRG/13	Basic ANP and FASID AIM Parts	Apr. 2012	

CONCLUSIONS AND DECISIONS	FOLLOW-UP	TO BE INITIATED BY	DELIVERABLE	TARGET DATE	REMARKS
<b>DECISION 13/32: ESTABLISHMENT OF THE MID AIR NAVIGATION PLAN AD-HOC WORKING GROUP (ANP WG)</b>  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.	Convene the ANP WG/1 meeting	MIDANPIRG/13	ANP WG established	Apr. 2012	Completed
<b>CONCLUSION 13/33: STATE ACTION PLANS FOR CO<sub>2</sub> EMISSION</b>  That, States, that have not yet done so, be urged to:  a) send the contact details of their CO <sub>2</sub> emission focal point to the ICAO MID Regional Office; and  b) submit their action plan for CO <sub>2</sub> emission to ICAO before 30 June 2012.	Implement the Conclusion	States	Action Plan	30 Jun. 2012	
<b>DECISION 13/34: ESTABLISHMENT OF THE AIR TRAFFIC MANAGEMENT MEASUREMENT TASK FORCE (ATMM TF)</b>  That, the ATMM TF be established with Terms of Reference (TOR) as at <b>Appendix 4.5J</b> to the Report on Agenda Item 4.5.	Convene the ATMM TF/1 meeting	MIDANPIRG/13	ATMM TF established	Apr. 2012	Completed
<b>CONCLUSION 13/35: ESTIMATING ENVIRONMENT BENEFITS</b>  That, in order to allow the Air Traffic Management Measurement Task Force (ATMM TF) and the CNS/ATM/IC SG to follow-up the implementation of the ATM operational improvements and estimate the fuel savings accrued from the corresponding improvements on regional basis  a) States be urged to: i) use IFSET or a more advanced model/measurement capability available to estimate environment benefits accrued from operational improvements; ii) send the IFSET reports/the accrued environmental benefits to ICAO MID Regional office on a bi-annual basis.	Implement the Conclusion	ICAO  States/Users  ATMM TF and CNS/ATM/IC SG	State Letter  Feedback (IFSET reports) Reports of meetings	Dec. 2012  2013	

CONCLUSIONS AND DECISIONS	FOLLOW-UP	TO BE INITIATED BY	DELIVERABLE	TARGET DATE	REMARKS
b) IATA to: i) encourage users to support the programme; and ii) consolidate users' inputs and report the accrued environmental benefits to ICAO MID Regional office on a bi-annual basis.					

CONCLUSIONS AND DECISIONS	FOLLOW-UP	TO BE INITIATED BY	DELIVERABLE	TARGET DATE	REMARKS
<b>CONCLUSION 13/44: PROTECTION OF GNSS SIGNAL</b>  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.	Implement the Conclusion	ICAO States	State Letter	Jun.2012	
<b>CONCLUSION 13/45: STRATEGY FOR THE IMPLEMENTATION OF GNSS IN THE MID REGION</b>  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.	Implement the Strategy	MIDANPIRG/13	Strategy	Apr. 2012	Completed
<b>CONCLUSION 13/46: GNSS SURVEY</b>  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.	Implement the Conclusion	ICAO States	State Letter Completed Survey	Sep.2012	
<b>CONCLUSION 13/47: MID REGIONAL PBN IMPLEMENTATION STRATEGY AND PLAN</b>  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.	Implement the Strategy	MIDANPIRG/13	Strategy	Apr. 2012	Completed
<b>DECISION 13/48: ESTABLISHMENT OF MID PBN SUPPORT TEAM (MPST)</b>  That, MPST be established with TOR as at <b>Appendix 4.5U</b> to the Report on Agenda Item 4.5.	Implement Decision	MIDANPIRG/13	MPST established	Apr. 2012	Completed

CONCLUSIONS AND DECISIONS	FOLLOW-UP	TO BE INITIATED BY	DELIVERABLE	TARGET DATE	REMARKS
<b>CONCLUSION 13/49: MID PBN SUPPORT TEAM (MPST)</b>  That, a) ICAO MID Regional Office provide the leadership for MPST; b) UAE be the champion for the MPST; c) IATA fully commit and support the MPST; and d) States assign members to MPST and allocate necessary resources	Implement the Conclusion	ICAO States UAE IATA	State Letter MPST Visit	Sep. 2012	
<b>CONCLUSION 13/50: PBN IMPLEMENTATION PROGRESS REPORT</b>  That, for future reporting on the status of PBN implementation, States be urged to: 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 b) submit progress reports to ICAO MID Regional Office every six months and whenever major progress is achieved.	Implement the Conclusion	States	Progress Report	Every 6 months	



CONCLUSIONS AND DECISIONS	FOLLOW-UP	TO BE INITIATED BY	DELIVERABLE	TARGET DATE	REMARKS
<p><b>CONCLUSION13/61: 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>	Implement the Conclusion	ICAO  States	State Letter  Feedback	30 Jun. 2012  31 Aug. 2013	

CONCLUSIONS AND DECISIONS	FOLLOW-UP	TO BE INITIATED BY	DELIVERABLE	TARGET DATE	REMARKS
<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>	Implement the Conclusion	ICAO  States	State Letter  CAP and necessary updates	15 Jun. 2012	

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