International Civil Aviation Organization

Performance Based Navigation Sub-Group (PBN SG)

First Meeting
(Cairo, Egypt, 1 -3 April 2014)

Agenda Item 2: **Follow-up on MIDANPIRG/14 Conclusions and Decisions relevant to PBN and GNSS**

FOLLOW-UP ON MIDANPIRG/14 CONCLUSIONS AND DECISIONS
RELEVANT TO PBN AND GNSS

(Presented by the Secretariat)

SUMMARY
This paper presents MIDANPIRG/14 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/14 Report

1. INTRODUCTION

1.1   MIDANPIRG/14 Meeting was held in Jeddah, Saudi Arabia, from 15 to 19 December 2013. The meeting adopted thirty eight (38) Conclusions and Decisions of which six (6) Conclusions are considered relevant to the work of the PBN Sub-Group.

2. DISCUSSION

2.1   The meeting may recall that PBN Sub-Group is tasked with the follow-up on the implementation process related to PBN and GNSS and to inform MIDANPIRG on progress, achievement, and problems being encountered.

2.2   This paper provides the meeting with an update on the status of MIDANPIRG/14 Conclusions and Decisions related to the PBN and GNSS. It also shows the follow-up actions taken by concerned parties as 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 any updates as appropriate.

APPENDIX A

MIDANPIRG/14 Conclusions and Decisions relevant to PBN and GNSS

CONCLUSIONS AND DECISIONS	FOLLOW-UP	TO BE INITIATED BY	DELIVERABLE	TARGET DATE	REMARKS
DECISION 14/2: **UPDATED OF THE MIDANPIRG PROCEDURAL HANDBOOK**					Completed
That, the Seventh Edition of the MIDANPIRG Procedural Handbook be endorsed as at **Appendix 4.1B** to the Report on Agenda Item 4.1.	Update the MIDANPIRG Procedural Handbook and post it on the web	ICAO	Seventh edition of the Procedural Handbook	Feb. 2014	
CONCLUSION 14/5: **MID REGION AIR NAVIGATION PRIORITIES** That, a) the ASBU Block 0 Modules prioritization Table at **Appendices 4.1E** to the Report on Agenda Item 4.1 be endorsed as the initial version of the MID ASBU Implementation Plan; and b) the ASBU Block 0 Modules prioritization Table be reviewed on regular basis and be extended to cover Block 1 Modules, as appropriate.	Regular Review	MIDANPIRG/14 MIDANPIRG Subsidiary bodies	ASBU prioritization Table	Dec. 2013 Sep. 2014	Ongoing
CONCLUSION 14/6: **DRAFT MID REGION AIR NAVIGATION STRATEGY** That, a) the Draft MID Region Air Navigation Strategy at **Appendix 4.1F** to the Report on Agenda Item 4.1 be: i. endorsed as the initial version of the MID Region Air Navigation Strategy; and ii. further reviewed and completed by the different MIDANPIRG subsidiary bodies b) MID States be urged to: i. develop their National Air Navigation Performance Framework, ensuring the alignment with and support to the MID Region Air Navigation Strategy;	Implement the Strategy	MIDANPIRG/14 MIDANPIRG Subsidiary bodies ICAO States	Initial version of the Strategy Review and Update Strategy State Letter National Performance Framework	Dec. 2013 Sep. 2014 Feb. 2014 May 2014	Ongoing

CONCLUSIONS AND DECISIONS	FOLLOW-UP	TO BE INITIATED BY	DELIVERABLE	TARGET DATE	REMARKS
ii. incorporate the agreed MID Region Performance Metrics into their National reporting and monitoring mechanisms; and iii. provide the ICAO MID Regional Office, on annual basis, with relevant data necessary for regional air navigation planning and monitoring.		States	Feedback	Dec. 2014	
CONCLUSION 14/26: MID REGION GNSS IMPLEMENTATION STRATEGY That, the MID Region GNSS implementation Strategy be updated as at **Appendix 4.6x** to the Report on Agenda Item 4.6.	Implement the Strategy	MIDANPIRG/14	Updated Strategy	Dec. 2013	Completed
CONCLUSION 14/27: MID SURVEILLANCE STRATEGY That, the MID Surveillance Strategy be adopted as at **Appendix 4.6B** to the Report on Agenda Item 4.6.	Implement the Strategy	MIDANPIRG/14	Updated Strategy	Dec. 2013	Completed
CONCLUSION 14/28: MID REGIONAL PBN IMPLEMENTATION STRATEGY AND PLAN That, the MID Regional PBN Implementation Strategy and Plan be updated as at **Appendix 4.6C** to the Report on Agenda Item 4.6.	Implement the Strategy	MIDANPIRG/14	Updated Strategy	Dec. 2013	Completed
CONCLUSION 14/29: ESTIMATING AND REPORTING ENVIRONMENTAL BENEFITS That, in order to follow-up the implementation of the ATM operational improvements and estimate the accrued fuel savings and associated CO_2 emission reduction from the corresponding improvements on regional basis: a) States be encouraged to develop/update their Action Plans for CO_2 emissions and submit them to ICAO through the APER website on the ICAO Portal or the ICAO MID Regional Office; b) States be urged to: i. identify the operational improvements which have been implemented within their FIR and/or international aerodromes;	Implement the Conclusion	ICAO States	State Letter States' Action Plan for CO_2 emissions IFSET Reports	Apr. 2014 Sep. 2014 Jun. and Dec. 2014	

CONCLUSIONS AND DECISIONS	FOLLOW-UP	TO BE INITIATED BY	DELIVERABLE	TARGET DATE	REMARKS

ii. collect necessary data for the estimation of the environmental benefits accrued from the identified operational improvements;
 	
iii. use IFSET to estimate the environmental benefits accrued from operational improvements; and
 	
iv. send the IFSET reports/the accrued environmental benefits to ICAO on bi-annual basis; and
 	
c) IATA to:
 	
   i) encourage users to support the APM TF in the development of the MID Region Air Navigation Environmental Reports; and
 	
   ii) consolidate users' inputs and report the accrued environmental benefits to the ICAO MID Regional Office on bi-annual basis.
		IATA	Inputs from users	Jun. and Dec. 2014	

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