



International Civil Aviation Organization  
Western and Central African Office

**Second Meeting of the APIRG Performance Based Navigation/Global  
Navigation Satellite System Task Force (PBN/GNSS TF/2)  
(Dakar, Senegal, 13 - 15 June 2011)**

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**Agenda Item 4: Status of implementation of PBN in the AFI Region**

**STATUS OF IMPLEMENTATION OF PBN IN THE AFI REGION**

(Presented by the Secretariat)

**SUMMARY**

This paper reviews outcome of PBN/GNSS TF/1 and developments since that meeting, and calls for an update with regard to implementation in the States.

Action by the meeting is at **paragraph 3.**

**REFERENCES**

- SP AFI/08 RAN Report
- APIRG 17 Report
- PBN/GNSS TF/1

This Working Paper is related to Strategic Objectives: **A**

**1. INTRODUCTION**

1.1 The first meeting of the PBN/GNSS Task Force in Nairobi, Kenya 12-14 October 2010 reviewed and updated the AFI Regional PBN Implementation Plan based and aligned it with the Assembly Resolution A37-11, which replaced A36-23.

1.2 Since the PBN/GNSS TF/1 meeting in October 2010, the APIRG 17 Conclusions have been forwarded to States under State Letters requesting update from States on the implementation of the Conclusions. However, responses to the State Letters have been significantly low.

**2. DISCUSSION**

2.1 In order for ICAO to assess the Regional status of implementation, challenges impeding implementation, and for the PBN/GNSS Task Force to propose measures that may foster implementation, it is important for States and their Air Navigation Service Providers (ANSPs) to provide details relating to national status of implementation. The status of development of national PBN implementation plans as of PBN/GNS TF/1 meeting is

provided at **Appendix A** to this working paper

2.2 While detailed information from States on the status of implementation has not been provided, information from sources such as ICAO missions and reports from airlines indicate that the status of implementation remains low.

2.3 Pursuant to APIRG 17 Conclusion 17/53, the Regional Offices requested a Special Implementation Project (SIP) for a PBN Seminar/Workshop, which the Secretary General has approved. Since approval of the SIP however, availability of expertise to conduct the Seminar/Workshop has been a challenge on which ICAO is working to address.

2.4 The meeting may wish to propose effective measures, in addition to the Seminar, that may be taken to spur implementation.

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

3.1 The meeting is invited to:

- a) update the information in **Appendix A** to this working paper, concerning development of National PBN implementation plans; and
- b) propose measures to improve rate of implementation.
- c) update the applicable follow up action and target dates; and

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## APPENDIX A

## INTERNATIONAL CIVIL AVIATION ORGANISATION

## ESAF AND WACAF REGIONAL OFFICES

## STATES RESPONSES TO PBN ACTIVITIES

STATES		RESPONSE TO NATIONAL PBN PLAN	STATES		RESPONSE TO NATIONAL PBN PLAN
01	Algeria		28	Lybia	
02	Angola		29	Madagascar	
03	Benin		30	Malawi	
04	Botswana	YES	31	Mali	
05	Burkina Faso		32	Mauritania	
06	Burundi		33	Mauritius	YES
07	Cameroon		34	Morocco	
08	Cape Verde		35	Mozambique	
09	Central African Republic		36	Namibia	
10	Chad		37	Niger	
11	Comoros		38	Nigeria	
12	Congo		39	Rwanda	
13	Cote D'Ivoire		40	Sao Tome and Principe	
14	Dem. Republic of Congo	YES	41	Senegal	
15	Djibouti		42	Seychelles	YES
16	Egypt	YES	43	Sierra Leone	
17	Equatorial Guinea		44	Somalia	
18	Eritrea		45	South Africa	YES
19	Ethiopia	YES	46	Sudan	
20	Gabon		47	Swaziland	
21	Gambia		48	Tanzania	
22	Ghana		49	Togo	
23	Guinea		50	Tunisia	
24	Guinea- Bissau		51	Uganda	YES
25	Kenya	YES	52	Zambia	
26	Lesotho		53	Zimbabwe	
27	Liberia				