Air Navigation Report Form (ANRF)

ESAF Regional Office

Seminar/Workshop on Aviation System Block Upgrades (ASBU)

(Addis Ababa, Ethiopia, 17-19 November 2014)

Outline

- **ANRF origin**

- **Comparison - form samples**

Air Navigation Report Form - Origin

- The ANRF form is the revised version of the **Performance Framework Form** that was being used by Planning and Implementation Regional Groups (PIRGs).

- The ANRF is a customized tool for Aviation System Block Upgrades (ASBU) Modules which is recommended for application for:

  - setting planning targets,

  - monitoring implementation,

  - identifying challenges,

  - measuring implementation/performance and reporting.

Air Navigation Report Form - Origin

- The report format can be used by PIRGs and States for any other air navigation improvement programmes such as Search and Rescue.

- The results of the report form will be analyzed by ICAO and aviation partners and utilized in contributing to the Regional Performance Dashboard and the Annual Global Air Navigation Report.

- The conclusions from the Global Air Navigation Report will serve as the basis for future policy adjustments, aiding safety practicality, affordability and global harmonization, amongst other concerns.

Comparison

APPENDIX 3.4A(4)

**AFI REGIONAL PERFORMANCE OBJECTIVES/NATIONAL
PERFORMANCE OBJECTIVES FOR PBN**

OPTIMIZATION OF VERTICALLY GUIDED RNP APPROACHES				
Benefits				
Environment Efficiency Safety	• reduction in gas emissions • increased accessibility to aerodromes, including continuity of access • increased runway capacity • reduced pilot workload • availability of reliable lateral and vertical navigation capability			
Strategy				
ATM OC COMPONENTS	**TASKS**	**TIMEFRAME START-END**	**RESPONSIBILITY**	**STATUS**
AOM	*Terminal airspace*	2008		
	• develop regional implementation plan	2008 – 2009	AFI PBN TF	Completed
	• develop regional action plan	2009-2010	AFI PBN TF	Completed
	• develop State PBN implementation plan	2009 – 2010	States	Implementation on a continuous basis
	• develop airspace concept based on AFI PBN implementation plan, in order to design and implement RNP APCH with Baro-VNAV in accordance with Assembly resolution A36-23, and RNP AR APCH where beneficial	2009 – 2012	AFI PBN TF/States	Implementation on a continuous basis
	• develop performance measurement plan	2010-2012	States	Implementation on a continuous basis
	• formulate safety plan	2010-2012	States	To be developed
	• establish collaborative decision making (CDM) process	2010	States	Implementation on a continuous basis
	• publish national regulations for aircraft and operators approval using PBN manual as guidance material	2010-2011	States	To be developed
	• identify training programmes and develop corresponding guidelines	2010-2011	AFI PBN TF/States	To be developed
	• identify training needs and develop corresponding guidelines	2010-2011	States	Implementation on a continuous basis
	• implementation of APV procedures	2010 - 2016	AFI PBN TF/States	Implementation on a continuous basis
	• Formulate system performance monitoring plan	2010	AFI PBN TF/States	To be developed
Linkage to GPIs	GPI/8: collaborative airspace design and management; GPI/10: terminal area design and management; GPI/11: RNP and RNAV SIDs and STARs; GPI/12: FMS-based arrival procedures			

AIR NAVIGATION REPORT FORM (ANRF)

REGIONAL/NATIONAL PERFORMANCE OBJECTIVE

Service Improvement through Digital Aeronautical Information Management (ASBU B0-30)

Performance Improvement Area 2: Globally Interoperable Systems and Data – Through Globally Interoperable System Wide Information Management

Main Key Performance Areas (KPA)					
	Access & Equity	**Capacity**	**Efficiency**	**Environment**	**Safety**
Applicable	N	N	Y	Y	Y

Implementation Progress	
ASBU B0-30 Elements including baseline Phase 1 of the AIS/AIM Transition Roadmap (Consolidation)	**Implementation Status**
1. AIRAC adherence monitoring (P-03)	FC
2. Monitoring of States ' differences to Annex 4 and 15 (P-04)	FC
3.WGS-84 Implementation (P-05)	PC
4. Quality (P-17)	PC

Implementation Roadblocks				
Elements including baseline Phase 1 of the AIS/AIM Transition Roadmap (Consolidation)	**Ground system Implementation**	**Avionics Implementation**	**Procedures Availability**	**Operational Approvals**
1. AIRAC Adherence (P-03)				
2. Monitoring of States differences to Annex 4 and 15(P-04)				
3. WGS-84 Implementation (P-05)				
4. Quality (P-17)				
Remarks, if any				

Air Navigation Report Form - Origin

- **Refer to Appendix A which was endorsed by APIRG/19 for more details on the ANFRs.**