

AFI REGIONAL PERFORMANCE OBJECTIVES/NATIONAL

PERFORMANCE OBJECTIVES FOR RVSM

OPERATIONAL SAFETY ASSESSMENT METHODOLOGY (PFF ATM/01)				
Benefits				
Environment	<input type="checkbox"/>	reductions in fuel consumption		
Efficiency	<input type="checkbox"/>	ability of aircraft to conduct flight more closely to preferred trajectories		
	<input type="checkbox"/>	facilitate utilization of advanced technologies (e.g. improved altimetry systems) thereby increasing efficiency		
Safety	<input type="checkbox"/>	enhance safety by wider distribution of aircraft in a given airspace		
Strategy				
Short term (2010) Medium term (2011 - 2015)				
ATM OC COMPONENTS	TASKS	TIMEFRAME START-END	RESPONSIBILITY	STATUS
AOM	En-route airspace <input type="checkbox"/> create a scrutiny group to monitor and analyze the safety of operations in the AFI region in a formal basis. The scrutiny group will utilize safety management principles outlined in Doc 9859 in order to analyze operational errors and deviations and propose mitigation measures to control them <input type="checkbox"/> that AFI States' use Safety Programmes and SMS methodologies in the control and mitigation of risks in the region <input type="checkbox"/> that a yearly CRA be conducted by the RMA for analysis by the scrutiny group. The CRA will be used as a relative reference from year to year. The initial acceptability of a collision risk to be determined by experts of the scrutiny group. Meeting the TLS of 2.5×10^{-9} fatal accidents per aircraft flying hour for technical risk be maintained as a requirement to continue with RVSM operations <input type="checkbox"/> the Scrutiny Group provide yearly report to APIRG about the status of operations safety in the region	2009-....		
		2009		
		2009		
		ongoing		
ongoing				
Linkage to GPIs	GPI/02: Support implementation of RVSM			

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

AFI REGIONAL PERFORMANCE OBJECTIVES/NATIONAL PERFORMANCE OBJECTIVES OPTIMIZATION OF THE ATS ROUTE STRUCTURE IN EN-ROUTE AIRSPACE (PFF ATM/02)				
Benefits				
Environment	<ul style="list-style-type: none"> reduction in gas emissions 			
Efficiency Safety	<ul style="list-style-type: none"> ability of aircraft to conduct flight more closely to preferred trajectories 			
	<ul style="list-style-type: none"> increase in airspace capacity 			
	<ul style="list-style-type: none"> facilitate utilization of advanced technologies (e.g., FMS-based arrivals) and ATC decision support tools (e.g., metering and sequencing), thereby increasing efficiency 			
<i>Strategy</i> <i>Short term (2010)</i> <i>Medium term (2011-2015)</i>				
ATM OC COMPONENTS	TASKS	TIMEFRAME START-END	RESPONSIBILITY	STATUS
AOM	<i>En-route airspace</i>	2008		
	<ul style="list-style-type: none"> develop regional implementation plan 	2008-2009	APIRG	Completed
	<ul style="list-style-type: none"> develop regional action plan 	2009-2010	APIRG	Completed
	<ul style="list-style-type: none"> establish collaborative decision making (CDM) process 	2010	States	Continuous
	<ul style="list-style-type: none"> develop airspace concept based on AFI PBN regional implementation plan, in order to design and implement a trunk route network, connecting major city pairs in the upper airspace and for transit to/from aerodromes, on the basis of PBN, e.g. RNAV 10 and RNAV 5, and taking into account interregional harmonization 	2009-2012	APIRG/States	In progress
	<ul style="list-style-type: none"> harmonize national and regional PBN implementation plans 	2010-2016	APIRG/States	On-going
	<ul style="list-style-type: none"> develop performance measurement plan 	2010-2012	States	In progress
	<ul style="list-style-type: none"> formulate safety plan 	2010-2012	States	To be developed
	<ul style="list-style-type: none"> publish national regulations for aircraft and operators approval using PBN manual as guidance material 	2010-2011	States	To be developed
	<ul style="list-style-type: none"> identify training needs and develop corresponding guidelines 	2010-2011	States	In progress
	<ul style="list-style-type: none"> identify training programmes and develop corresponding guidelines 	2010-2011	APIRG/States	in progress
	<ul style="list-style-type: none"> formulate system performance monitoring plan 	2010-2011	APIRG/States	To be developed



	<ul style="list-style-type: none">• implementation of en-route ATS routes	2010-2012	APIRG/States	In progress
	<ul style="list-style-type: none">• monitor implementation progress in accordance with AFI PBN implementation plan and State implementation plan	2010 and beyond	APIRG/States	On-going
Linkage to GPIs	GPI/5: performance-based navigation; GPI/7: dynamic and flexible ATS route management; 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.			

Benefits				
Environment Efficiency Safety	<ul style="list-style-type: none"> • reduction in gas emissions • ability of aircraft to conduct flight more closely to preferred trajectories • increase in airspace capacity • improved availability of procedures • facilitate utilization of advanced technologies (e.g., FMS based arrivals) and ATC decision support tools (e.g., metering and sequencing), thereby increasing efficiency 			
<i>Strategy</i>				
<i>Short term (2010)</i>				
<i>Medium term (2011-2015)</i>				
ATM OC COMPONENTS	TASKS	TIMEFRAME START-END	RESPONSIBILITY	STATUS
AOM	<i>Terminal airspace</i>	2008		
	• develop regional implementation plan	2009	APIRG	Completed
	• develop regional action plan	2009-2010	APIRG	Completed
	• develop State PBN implementation plan	2009 (see note1)	States	In progress
	• establish collaborative decision making (CDM) process	2010	States	In progress
	• develop airspace concept based on AFI PBN roadmap, in order to design and implement an optimized standard instrument departures (SIDs), standard instrument arrivals (STARs), holding and associated instrument flight procedures, on the basis of PBN and, in particular RNAV 1 and Basic-RNP 1	2009-2012	PBN TF/States	In progress
	• develop performance measurement plan	2010-2012	States	In progress
	• formulate safety plan	2010-2012	States	To be developed
	• publish national regulations for aircraft and operators approval using PBN manual as guidance material	2010-2011	States	To be developed
	• identify training needs and develop corresponding guidelines	2010-2011	States	In progress
	• identify training programmes and develop corresponding guidelines	2010-2011	APIRG	To be developed
	• formulate system performance monitoring plan	2010-2012	APIRG/States	In progress
• develop a regional strategy and work programme implementation of SIDs and STARs	2009-2012	APIRG/States	In progress	
• monitor implementation progress in accordance with AFI PBN implementation roadmap and State implementation plan	2010 and beyond	APIRG/States	On going	
Linkage to GPIs	GPI/5: performance-based navigation; GPI/7: dynamic and flexible ATS route management; 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.			
OPTIMIZATION OF VERTICALLY GUIDED RNP APPROACHES (PFF ATM/04)				

Benefits				
Environment Efficiency Safety	<ul style="list-style-type: none"> • 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 			
<i>Strategy</i>				
ATM OC COMPONENTS	TASKS	TIMEFRAME START-END	RESPONSIBILITY	STATUS
AOM	<i>Terminal airspace</i>	2008		
	• develop regional implementation plan	2008 – 2009	APIRG	Completed
	• develop regional action plan	2009-2010	APIRG	Completed
	• develop State PBN implementation plan	2009	States	In progress
	• establish collaborative decision making (CDM) process	2010	States	In progress
	• develop airspace concept based on AFI PBN implementation plan, in order to design and implement RNP APCH with Baro-VNAV or LNAV only (see note 1) in accordance with relevant Assembly resolutions , and RNP AR APCH where beneficial	2009 – 2012	APIRG/States	In progress
	• develop performance measurement plan	2010-2012	States	In progress
	• formulate safety plan	2010-2012	States	To be developed
	• publish national regulations for aircraft and operators approval using PBN manual as guidance material	2010-2011	States	To be developed
	• identify training needs and develop corresponding guidelines	2010-2011	States	In progress
	• identify training programmes and develop corresponding guidelines	2010-2011	APIRG/States	To be developed
	• implementation of APV procedures	2010 - 2016	APIRG/States	In progress
	• Formulate system performance monitoring plan	2010-2012	APIRG/States	in progress
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			

Note 1: States that have not already done so should complete preparation of their national PBN implementation plans as soon as possible.

Note 2: Where altimeter setting does not exist or aircraft are not suitably equipped for APV.

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

TRANSITION FROM AIS TO AIM (PFF AIM/01)				
Benefits				
Environment	. reductions in fuel consumption;			
Efficiency	. improved planning and management of flights;			
	. efficient use of airspace;			
Safety	. improved safety			
KPI	Status of implementation of the AIRAC system in the AFI Region Status of implementation of QMS in the AFI Region Status of implementation of AIS Automation in the AFI Region			
Proposed Metrics	Number of States complying with the AIRAC procedures Number of Posting of AIS information on the ICAO AFI Forum Number of States having developed and signed service Level Agreements between AIS and data originators Number of States having organized QMS awareness campaigns and training programmes Number of States having implemented QMS Number of States having developed eAIP Number of States having developed a National Plan for the transition from AIS to AIM			
<i>Strategy</i> <i>Short term (2010-2011)</i> <i>Medium term (2011 – 2015)</i>				
ATM OC COMPONENTS	TASKS	TIMEFRAME START-END	RESPONSIBILITY	STATUS
AUO, ATM SDM	• Improve the compliance with the AIRAC system	Ongoing	States & APIRG	Valid
	• Use of the internet, including the ICAO AFI Forum, for the advance posting of the aeronautical information considered of importance to users;	2009 – 2011	States & ICAO	Valid
	• Signature of service Level Agreements between AIS and data originators;	2009 – 2011	States	Valid

	<ul style="list-style-type: none"> • Foster the implementation of AFI QMS based on the AFI Region Methodology for the implementation of QMS ; 	2009 – 2011	ICAO & APIRG & States	Valid
	<ul style="list-style-type: none"> • Monitor the implementation of QMS until complete implementation of the requirements by all AFI States; 	2008 - 2013	ICAO & APIRG	Valid
	<ul style="list-style-type: none"> • Foster the development of eAIPs by AFI States; 	2009 - 2013	States & APIRG	Valid
	<ul style="list-style-type: none"> • Monitor the implementation of AIS automation in the AFI Region in order to ensure availability, sharing and management of electronic aeronautical information; 	2008 -2013	ICAO & APIRG	Valid
	<ul style="list-style-type: none"> • Foster the development of National/regional AIS databases; 	2010 – 2015	ICAO & APIRG & States	Valid
Linkage to GPIs	GPI-5: performance-based navigation; GPI-11: RNP and RNAV SIDs and STARs; GPI-18: Aeronautical Information			

**REGIONAL PERFORMANCE OBJECTIVES / NATIONAL PERFORMANCE
OBJECTIVES FOR AIM**

REGIONAL/NATIONAL PERFORMANCE OBJECTIVE IMPLEMENTATION OF WGS-84 AND e-TOD (PFF AIM/02)				
Benefits				
Environment	<ul style="list-style-type: none"> Supporting benefits described in performance objectives for PBN 			
Efficiency	<ul style="list-style-type: none"> WG8 -84 is a prerequisite for performance-based navigation, benefits described in performance objectives for PBN. support approach and departure procedure design and implementation improve aircraft operating limitations analysis support aeronautical chart production and on-board databases 			
Safety	<ul style="list-style-type: none"> improve situational awareness support determination of emergency contingency procedures support technologies such as ground proximity and minimum safe altitude warning systems see benefits described in performance objectives for PBN 			
KPI	<ul style="list-style-type: none"> status of implementation of WGS-84 in the AFI Region status of implementation of e-TOD in the AFI Region (for Areas 1 & 4) 			
Proposed Metrics	<ul style="list-style-type: none"> number of States having fully implemented WGS-84 number of States having organized e-TOD awareness campaigns and training programmes number of States having implemented e-TOD for Areas 1 & 4. 			
<i>Strategy</i>				
<i>Short term (2010-2012)</i>				
<i>Medium term (2012 - 2016)</i>				
ATM OC COMPONENTS	TASKS	TIMEFRAME START-END	RESPONSIBILITY	STATUS
ATM CM	<p><i>Electronic terrain and obstacle data (e-TOD)</i></p> <ul style="list-style-type: none"> share experience and resources in the implementation of e-TOD through the establishment of an e-TOD working group 	2008-2011	APIRG States	e-TOD WG has been established
	<ul style="list-style-type: none"> report requirements and monitor implementation status of e-TOD using a new AIS Table of the AFI FASID (Ref. Appendix B) 	2008-ongoing	APIRG States	
	<ul style="list-style-type: none"> develop a high level policy for the management of a national e-TOD programme 	2008-2012	States	
ATM AUO	<p><i>Electronic terrain and obstacle data (e-TOD)</i></p> <ul style="list-style-type: none"> Provide Terrain and Obstacle data for area 1 	2008-2012	States	
	<ul style="list-style-type: none"> Provide Terrain and Obstacle data for area 4 	2008-2012	States	

	<ul style="list-style-type: none"> assessment of Annex 15 requirements related to the provision of e-TOD for area 2 and 3 	2010-2012	States	
	<ul style="list-style-type: none"> development of an action plan for the provision of e-TOD for area 2 and 3 	2013	States	
	<ul style="list-style-type: none"> provide necessary Terrain and Obstacle data for area 2 	2015	States	
	<ul style="list-style-type: none"> provide necessary Terrain and Obstacle data for area 3 	2015	States	
	<p style="text-align: center;">WGS-84</p> <ul style="list-style-type: none"> establish WGS-84 implementation goals in coordination with the national PBN implementation plan 	2008-2012	States	
	<ul style="list-style-type: none"> report requirements and monitor implementation status of WGS-84 using the new AIM-5 Table of the AFI FASID and take remedial action if required complete WGS-84 implementation 	2011- 2013 2013	APIRG States States	
Linkage to GPIs	GPI-5: Performance-based navigation; GPI-9: Situational awareness; GPI-11: RNP and RNAV SIDs and STARs; GPI-18: Aeronautical Information; GPI-20: WGS-84; GPI-21: Navigation systems			

**AFI REGIONAL PERFORMANCE OBJECTIVES/NATIONAL
PERFORMANCE OBJECTIVES FOR SEARCH AND RESCUE (SAR)**

ESTABLISHMENT OF SUB-REGIONAL SAR ARRANGEMENTS (PF SAR/01)				
Benefits				
Efficiency and Safety	<ul style="list-style-type: none"> • cost-efficient use of accommodation and RCC equipment on a shared basis • service provision more uniform across a geographic area defined by risk • proficient services provided near and within States with limited resources. • harmonization of aviation / maritime procedures • inter-operability of life-saving equipment • development of a pool of experienced SAR mission coordinators skilled across both aviation and maritime domains thus reducing coordination and fragmentation 			
Strategy				
ATM OC COMPONENTS	TASKS	TIMEFRAME START-END	RESPONSIBILITY	STATUS
N/A	<ul style="list-style-type: none"> • conduct AFI Regional SAR workshop 	every year	ICAO	
	<ul style="list-style-type: none"> • establish collaborative decision making process • Collaboration between states • Networking process by setting up a website; nominate a focal point within ICAO to manage the website • Nominate a focal point within each state/organization to coordinate SAR issues 	2011 – 2012	ICAO /States	Not started
	<ul style="list-style-type: none"> • develop needs assessment and gap analysis • conduct self audits 	2011 – 2012	APIRG/States	Not started
	<ul style="list-style-type: none"> • develop regional action plan to resolve the deficiencies 	2011 – 2012	APIRG/States	Not started
	<ul style="list-style-type: none"> • conduct regional SAR Administrators training and SAR Mission Coordinators training 	2011 – 2012	ICAO	Not started
	<ul style="list-style-type: none"> • determine regional and sub regional organisation, functions and responsibilities, accommodation and equipment needs. 	2011 – 2012	APIRG/ States	Not started
	<ul style="list-style-type: none"> • produce draft legislation, regulations, operational procedures, letters of agreement SAR plans and safety management policies for regional SAR provision using IAMSAR manual as guidance. 	2010 – 2012	APIRG	Implementation on a continuous basis

	<ul style="list-style-type: none"> determine future training needs and develop training plans and conduct training as required 	2010 – permanent	APIRG/States	Implementation on a continuous basis
	<ul style="list-style-type: none"> develop SAR plan alerting procedures resource databases interface procedures with aerodrome emergency procedures and generic disaster response providers RCC check lists staffing, proficiency and certification plans preventive SAR programmes quality programmes education and awareness programmes in-flight emergency response procedures 	2011 – 2012	States	Not started
	<ul style="list-style-type: none"> conduct SAR exercises required: <ul style="list-style-type: none"> -National -Multinational 	2012 - Permanent	States	Not started
	<ul style="list-style-type: none"> monitor implementation process 	As appropriate	ICAO/States	Not started
Linkage to GPIs	N/A			

Notes:

- Enablers: Regional Organizations like SADC, ECOWAS, CEMAC, EAC etc.
- The Task Force has identified the following groups of RCCs as potential base for regional/sub-regional SAR close co-operation e.g. SAR exercise, training, meetings etc..
 - Casablanca, Canarias, Dakar, Roberts, Sal,
 - Algiers, Asmara, Cairo, Tripoli, Tunis,
 - Accra, Brazzaville, Kano, Kinshasa, Ndjamena, Niamey,
 - Addis, Entebbé, Khartoum, Mogadishu, Nairobi,
 - Southern African States,
 - Antananarivo, Mauritius, Seychelles.
- All work requires close cooperation with all States affected, ICAO, IMO, Cospas-Sarsat and other worldwide bodies as required.

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

FOSTER THE IMPLEMENTATION OF SIGMET AND QMS IN THE AFI REGION (PFF MET/01)				
Benefits				
Environment	<input type="checkbox"/>	contribution in the reduction in fuel consumption		
Efficiency	<input type="checkbox"/>	improvement of efficiency of meteorological services to aircraft in flight		
	<input type="checkbox"/>	ensure timely preparation and provision to airlines of aviation warnings for en-route meteorological hazards		
	<input type="checkbox"/>	ensure the quality management system (QMS) in the provision of MET information to international civil aviation		
Safety	<input type="checkbox"/>	minimize encounters by aircraft of hazardous meteorological conditions		
Strategy				
<i>Short term (2010) Medium term (2011 - 2015)</i>				
ATM OC COMPONENTS	TASKS	TIMEFRAME START-END	RESPONSIBILITY	STATUS
AOM, DCB, AO, TS, AUO	<p align="center">SIGMET</p> <input type="checkbox"/> assessment on the current level of implementation through a first SIGMET test in the AFI Region <input type="checkbox"/> establishment of an updated list of deficiencies including States not compliant with SIGMET format <input type="checkbox"/> provision of details guidance to States not issuing SIGMET or correct SIGMET <input type="checkbox"/> second SIGMET test to re-assess the level of implementation <input type="checkbox"/> establishment of an implementation project in terms of seminars through special implementation projects (SIPs) and IFFAS projects for States not meeting their obligation	2008-2010	RO, MET	
	<p align="center">QMS</p> <input type="checkbox"/> two seminars in French and English for the chief executive of MET authorities and assessment of the current level of implementation during the seminars	2008-2011	RO, MET	

	<input type="checkbox"/> establishment of an updated list of States not implemented or partly implemented the QMS <input type="checkbox"/> training of trainers for personnel in States not implemented through projects <input type="checkbox"/> establishment of an implementation project in terms of seminars and consultancy services through projects during the initial stages of implementation for States not meeting their obligation			
Linkage to GPIs	GPI/19: Meteorological systems			

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

**FOSTER THE IMPLEMENTATION OF TERMINAL AREA WARNINGS AND
FORECASTS, PROVISION OF WAFS FORECASTS AND OPTIMIZATION OF
OPMET DATA EXCHANGES IN THE AFI REGION
(PFF MET/02)**

Benefits

- | | |
|--------------------|--|
| Environment | <input type="checkbox"/> contribution in the reduction in fuel consumption; |
| Efficiency | <input type="checkbox"/> improvement of efficiency in meteorological services to aircraft in flight; |
| | <input type="checkbox"/> ensure timely preparation and provision to airlines of aviation warnings for terminal area meteorological hazards; |
| | <input type="checkbox"/> improvement in the efficiency of flight planning by airlines taking into account prevailing and expected meteorological conditions along the route based on WAFS forecasts; |
| Safety | <input type="checkbox"/> minimize encounters by aircraft of hazardous meteorological conditions. |

Strategy

*Short term (2010) Medium
term (2011 - 20015)*

ATM OC COMPONENTS	TASKS	TIMEFRAME START-END	RESPONSIBILITY	STATUS
AOM, DCB, AO, TS, AUO	<i>Terminal area warnings and forecasts</i>	2008-2010		
	<input type="checkbox"/> Step 1: Assessment of the current level of implementation of facilities at aerodromes for monitoring hazardous meteorological conditions;			
	<input type="checkbox"/> Step 2: Establishment of an updated list of deficiencies including States not compliant with required facilities stipulated in Annex 3 and the AFI ANP and for States to develop action plans to eliminate the deficiencies;			
	<input type="checkbox"/> Step 3: Provision of details guidance to States not issuing terminal area warnings and forecasts;			
	<input type="checkbox"/> Step 4: Establishment of an implementation project in terms of seminars and consultancy services through special implementation projects (SIP) and IFFAS projects respectively for States not meeting their obligation;			

REGIONAL PERFORMANCE OBJECTIVES/NATIONAL PERFORMANCE OBJECTIVES FOR COMMUNICATIONS, NAVIGATION AND SURVEILLANCE

AERONAUTICAL TELECOMMUNICATIONS (PFF CNS/01)				
Benefits				
Safety	<ul style="list-style-type: none"> • Improvement of safety in airspace and at aerodromes • enhanced safety in flight operations 			
Efficiency	<ul style="list-style-type: none"> • Improved ATS coordination • Increased availability of communications • Avoid misunderstanding in communications • Facilitate the utilization of advanced technologies 			
Environment	<ul style="list-style-type: none"> • TBD 			
<i>Strategy</i> Short term (2010) <i>Medium term (2011 - 2015)</i>				
ATM OC COMPONENTS	TASKS	TIMEFRAME START-END	RESPONSIBILITY	STATUS
	Aeronautical mobile service (AMS)			
AO, TS, CM, AUO, AOM, SDM	<ul style="list-style-type: none"> • provision of VHF in FIRs Luanda, Khartoum, Somalia and Kinshasa 	2008–2012		Ongoing Implemented in DRC
	<ul style="list-style-type: none"> • provision of controller-pilot data link communications (CPDLC) procedures 	2010-2015	States	On-going
	<ul style="list-style-type: none"> • establishment of a regional central reporting agency (CRA) 	2010-2012	APIRG	Not started
	<ul style="list-style-type: none"> • development of regional guidance for required communication performance (RCP) 	2010-2011	APIRG	On-going Global Operational Data Link Document (GOLD) adopted
	<ul style="list-style-type: none"> • implementation of RCP 	2010-2015	States	Not started
	Aeronautical fixed service (AFS)			
	<ul style="list-style-type: none"> • implementation of bit-oriented protocol (BOP) between AFTN main centres 	2010-2012	States	In progress

	<ul style="list-style-type: none"> implementation of Aeronautical Message Handling System (AMHS) 	2010-2012	States	In progress
	<ul style="list-style-type: none"> implementation of ATS Inter-facility Data Communications (AIDC) 	2010-2012	States	In progress
	Navigation			
	<ul style="list-style-type: none"> implementation of navigational aids to increase safety at terminal areas 	2008 – 2011		Ongoing
	<ul style="list-style-type: none"> implementation of GNSS – carry out survey to determine the implementation status and identify the specific assistance needed if any 	2009-2015	States	Ongoing
	Surveillance			
	<ul style="list-style-type: none"> update of AFI surveillance plan for en-route operations 	2008 – 2010	APIRG	In progress
	<ul style="list-style-type: none"> implementation of AFI surveillance plan for en-route operations, including provision of automatic dependent surveillance (ADS-C) procedures 	2008-2015	States	In progress
	<ul style="list-style-type: none"> development of AFI surveillance plan for TMA and aerodromes 	2009-2012	APIRG	In progress
	<ul style="list-style-type: none"> development of State implementation action plan based on AFI surveillance plan 	2009 – 2012	APIRG	Not started
	Aeronautical spectrum			
	<ul style="list-style-type: none"> implementation of automation support tools to enhance frequency management 	July 2008 – 2009		Ongoing

	<ul style="list-style-type: none"> • AFI to join ICARD 	August 2008 – March 2009		
	Performance measurement			
	<ul style="list-style-type: none"> • Development of performance measurement plan for CNS services 	2010-2012	APIRG	Not started
Linkage to GPs	GPI/9: Situational awareness; GPI/10: Terminal area design and management; GPI/17: Implementation of data link applications; - GPI/21: Navigation systems; GPI/22: Communication network infrastructure; GPI/23 – Aeronautical spectrum			

**AFI REGIONAL OPERATIONAL
OBJECTIVES/NATIONAL OPERATIONAL
OBJECTIVES FOR AERODROME
OPERATIONS**

IMPLEMENTATION OF AERODROME CERTIFICATION (PFF AOP/01)				
Benefits				
Efficiency	<input type="checkbox"/> ensure aerodrome operators comply with relevant ICAO SARPs and/or applicable national regulations			
	<input type="checkbox"/> continued provision of safe and efficient aircraft operations at aerodromes			
Safety	<input type="checkbox"/> strengthen States' safety oversight responsibility on aerodrome operations			
<i>Strategy</i>				
<i>Short term (2010) Medium term (2011 - 2015)</i>				
ATM OC COMPONENTS	TASKS	TIMEFRAME START-END	RESPONSIBILITY	STATUS
AO	<input type="checkbox"/> create a scrutiny group to assist and monitor the implementation of aerodrome certification in the AFI Region <input type="checkbox"/> analyze Annex 14, Volume I provisions on aerodrome certification vis-a-vis national legislations and regulations <input type="checkbox"/> analyze guidance in the <i>Manual on Certification of Aerodromes</i> (Doc 9774) vis-à-vis national regulations <input type="checkbox"/> develop and/or complete national regulations on aerodrome certification as necessary; and training of aerodrome inspectors <input type="checkbox"/> develop an action plan for certifying all remaining aerodromes used for international operations, including implementation of SMS <input type="checkbox"/> implement the action plan; and the scrutiny group to provide yearly feedback to APIRG regarding the status of the implementation of aerodrome certification	January 2009 – June 2009 June 2009 – December 2009 June 2009 – December 2009 ongoing ongoing ongoing		
Linkage to GPIs	GPI/13: Aerodrome design and management; GPI/14: Runway operations			
