

INTERNATIONAL CIVIL AVIATION ORGANIZATION



**FIRST MEETING OF THE APANPIRG CONTRIBUTORY BODIES
STRUCTURE REVIEW TASK FORCE**

(Bangkok, Thailand, 23 – 24 May 2011)

Agenda Item 4: Review existing structure of APANPIRG

Other Regions PIRG Structure

(Presented by Secretariat)

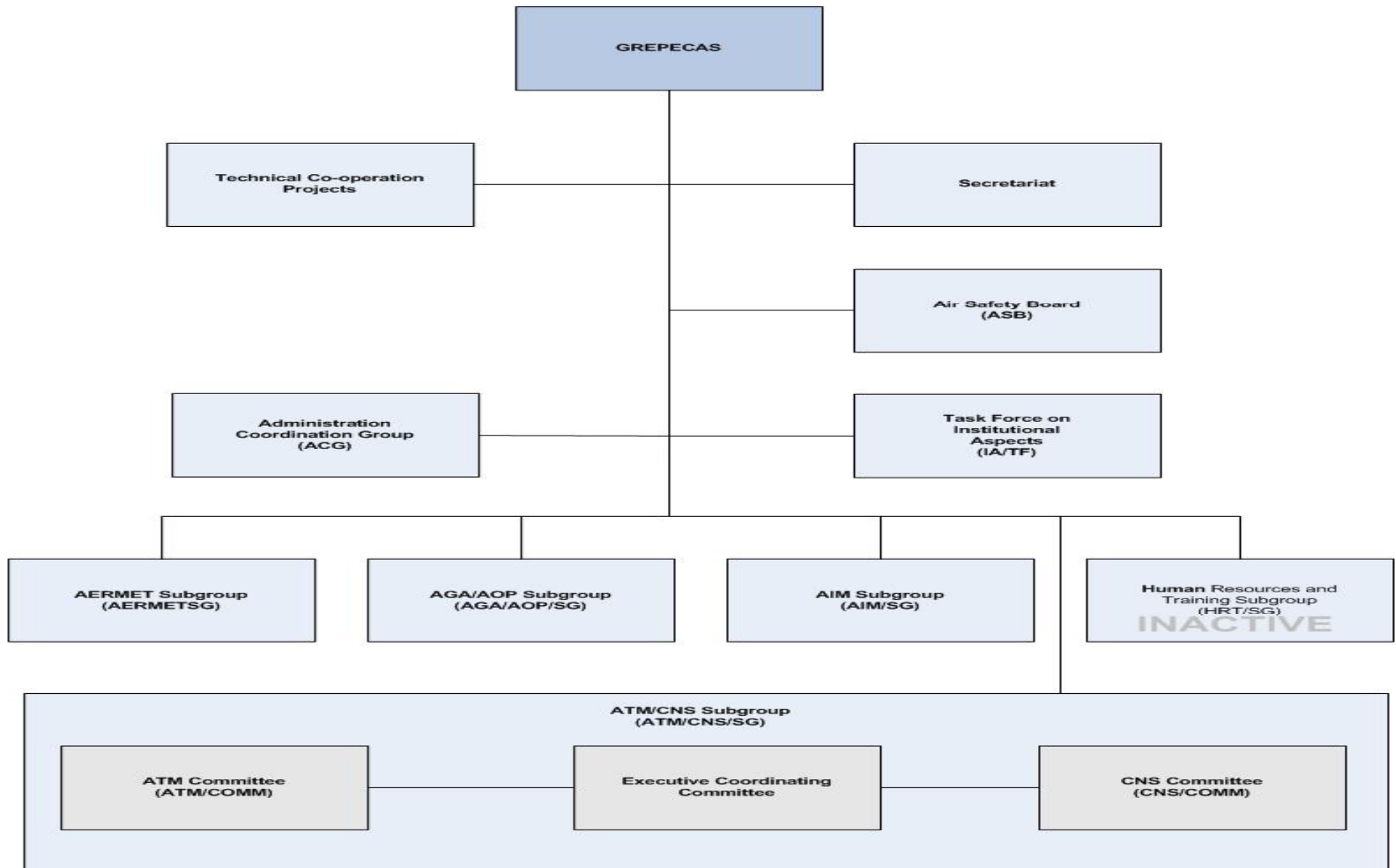
SUMMARY

The PIRG structure at other regions is presented in this paper

Regional Planning Groups

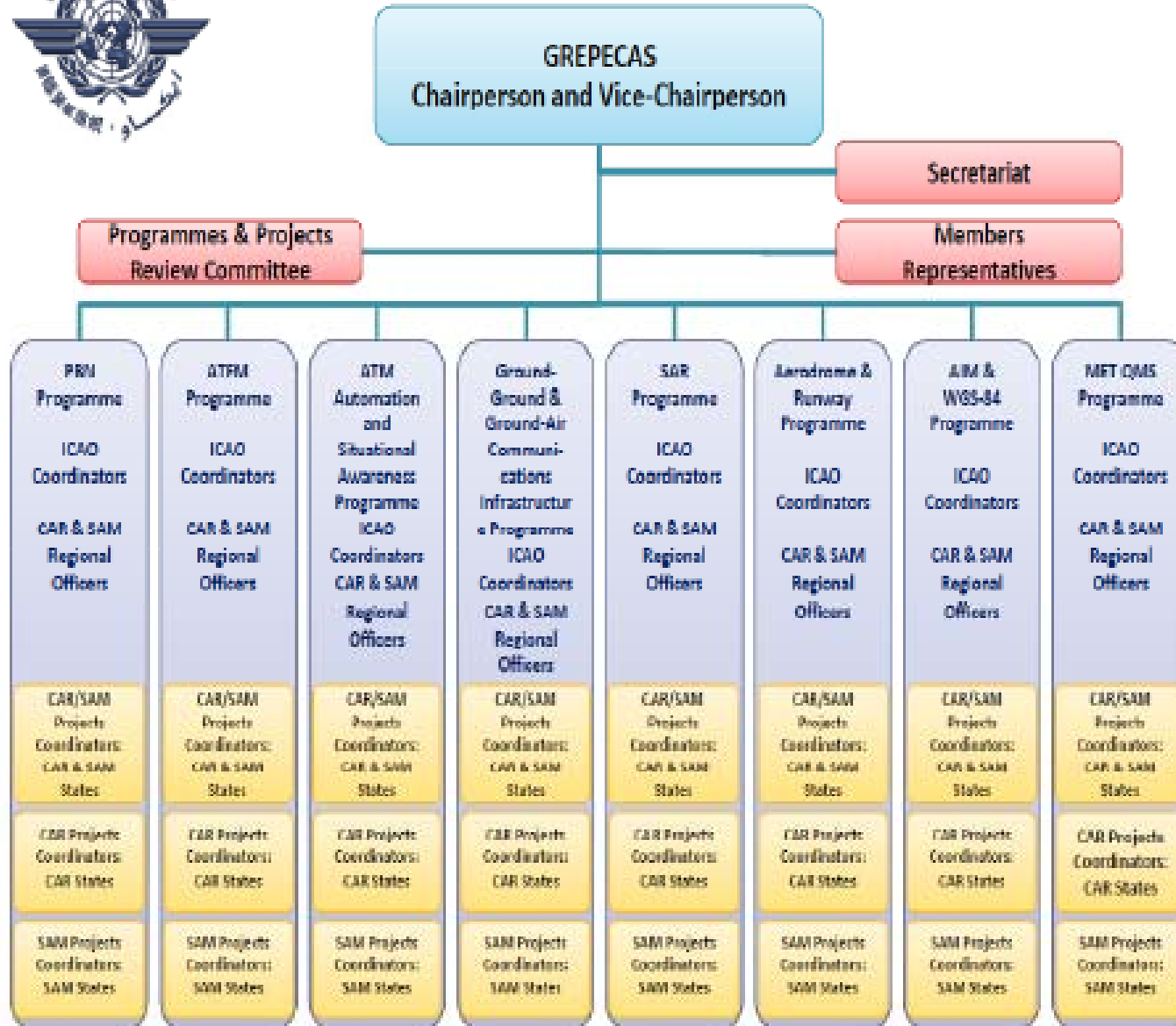
Structure for Reference

NACC & CAR/SAM

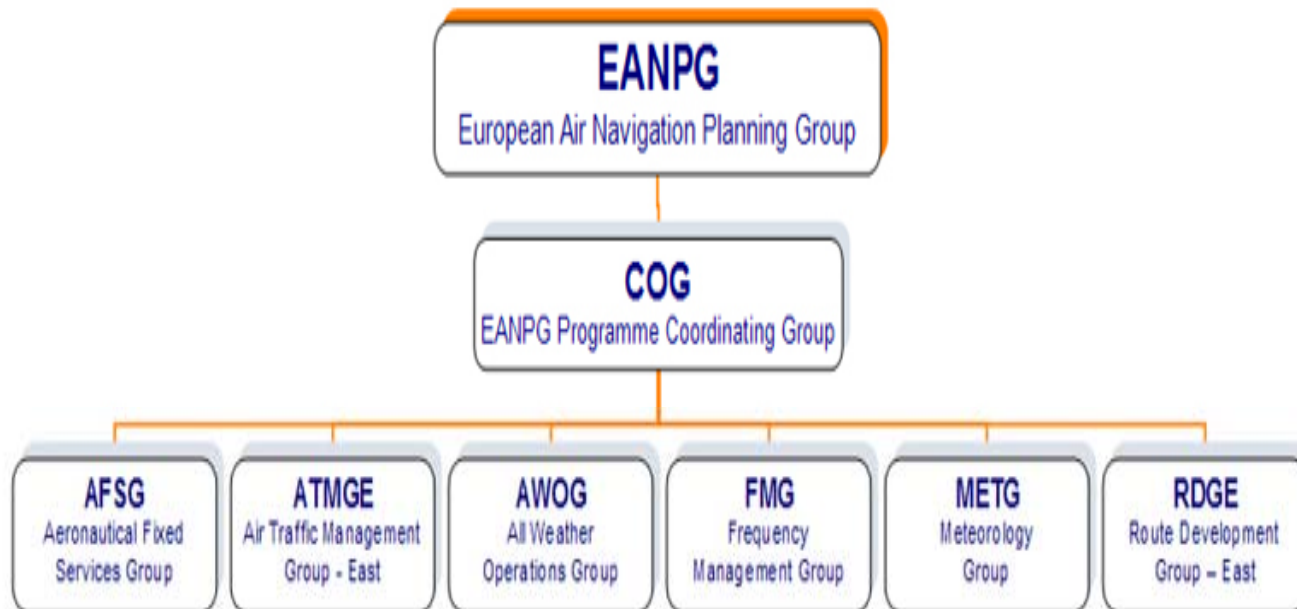




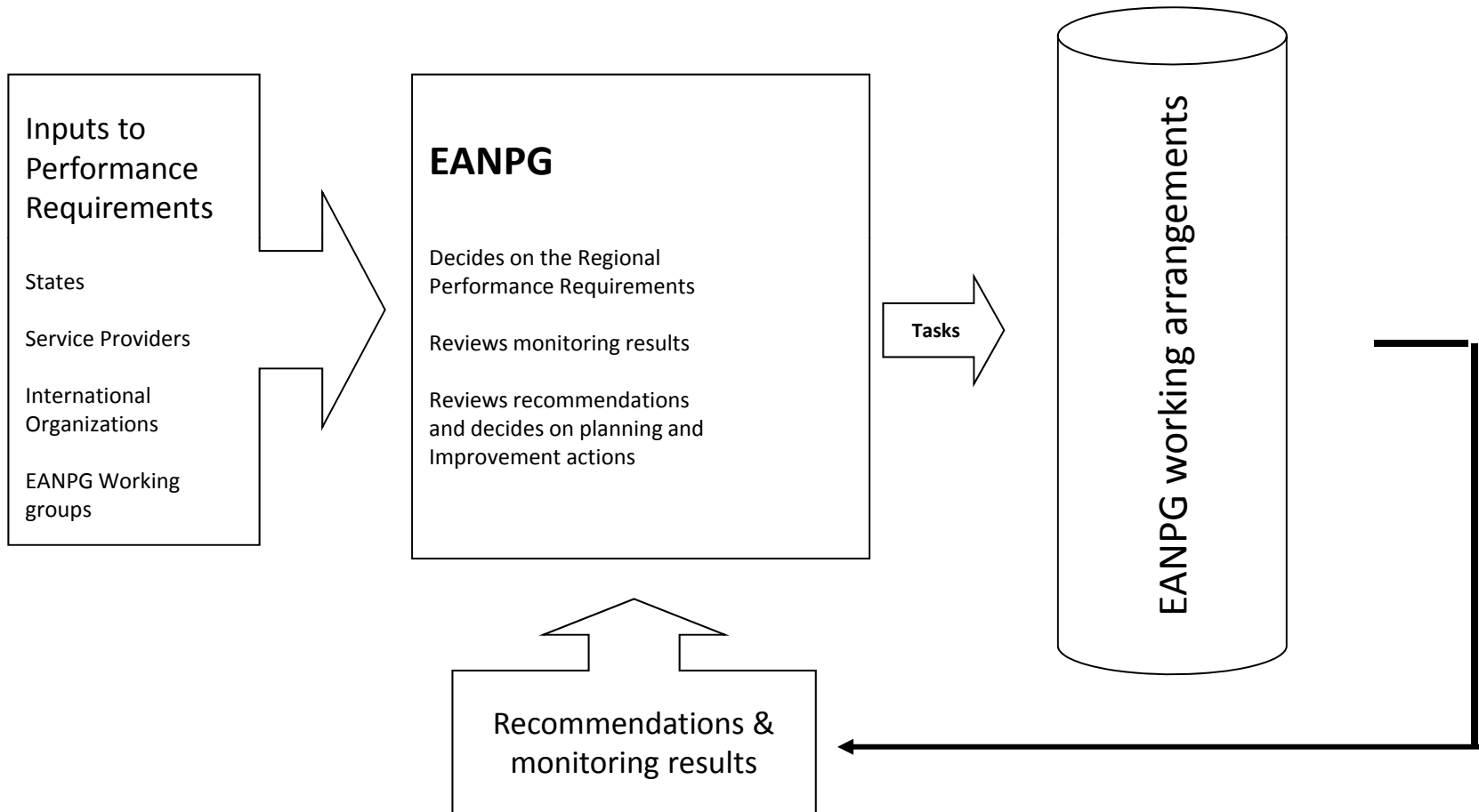
New GREPECAS Organisation



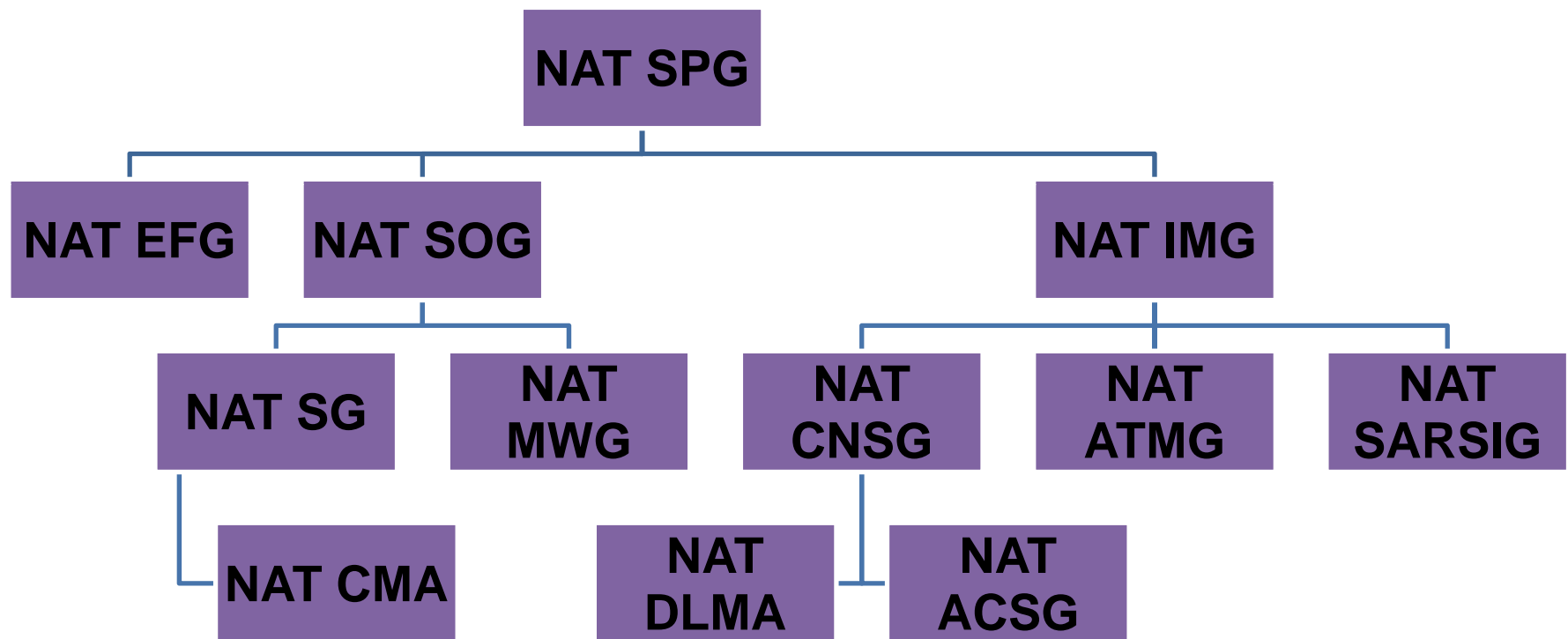
EANPG- European Air Navigation Planning Group



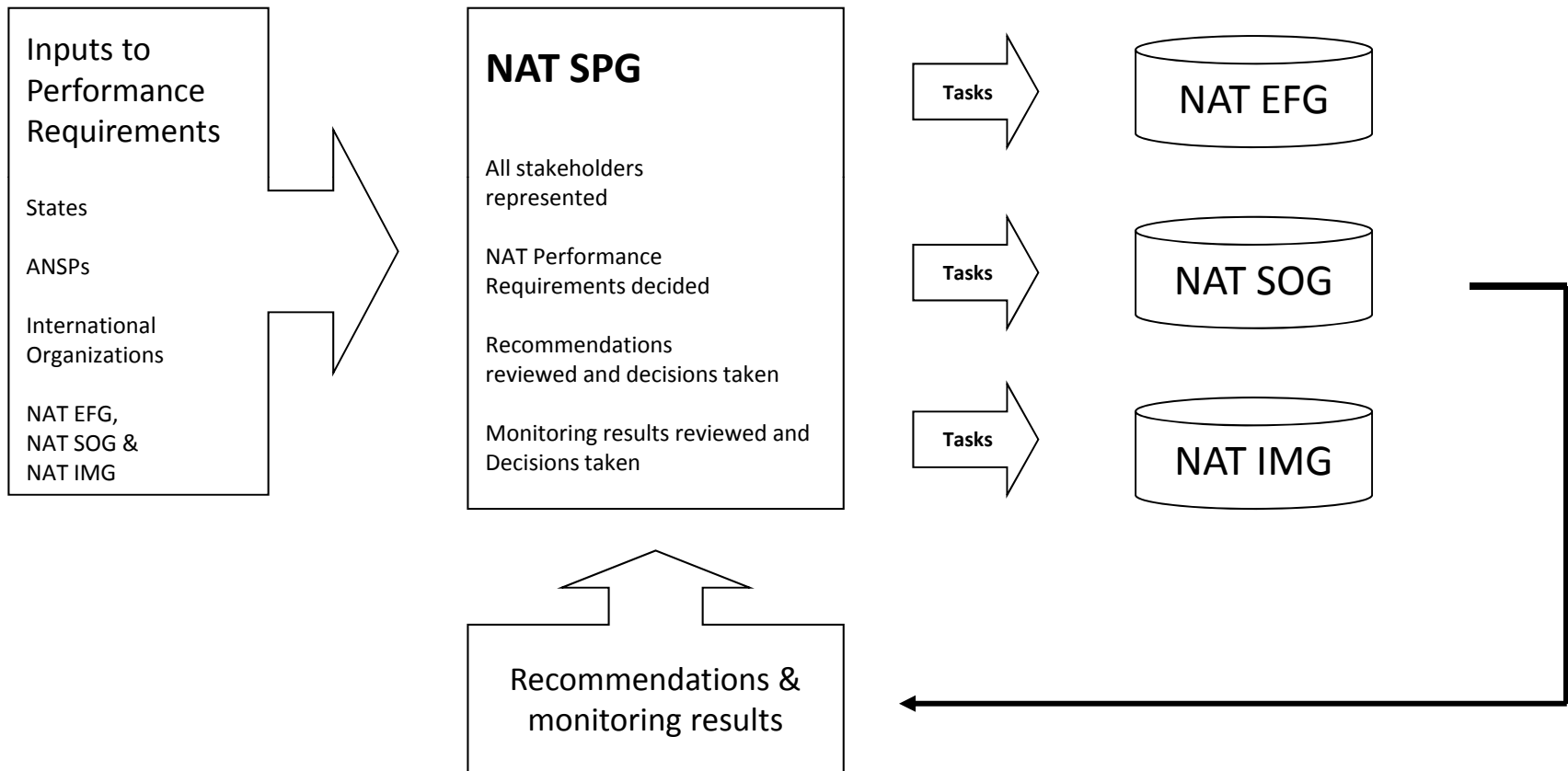
EANPG work flow



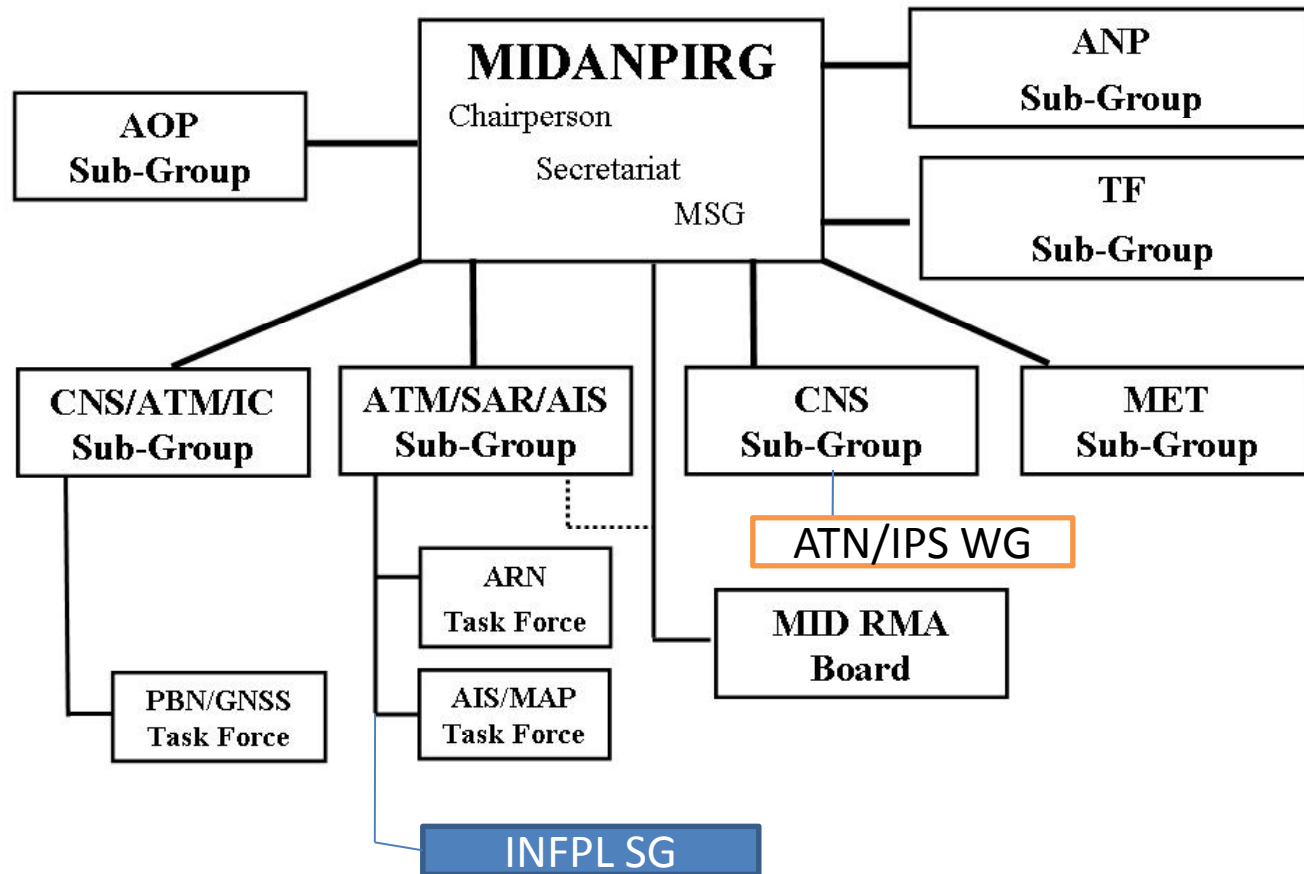
NAT SPG- NAT/ Systems Planning group



NAT SPG work flow



MIDANPIRG Organizational Structure



APIRG

Africa-Indian Ocean (AFI) Planning and Implementation Regional Group (APIRG)

- APIRG (last meeting Aug10, next APIRG/18 - November 2011)
- Communications, Navigation and Surveillance (CNS) Sub-group (last meeting April 10, next meeting July 2011)
- Air Traffic Management (ATM)/Aeronautical Information Management (AIM)/Search and Rescue (SAR) Sub-group
- Aeronautical Meteorology (MET) Sub-group;
- Performance-Based Navigation (PBN)/Global Navigation Satellite System (GNSS) Implementation Task Force ;
- Flight Plan Transition Task Force (FPLT/TF);
- Aeronautical Surveillance Implementation Task Force (AS/I/TF);
- ATS Message Handling System (AMHS) Implementation Task Force;
- Frequency Management Group (FMG).
- AOP/SG

APIRG

- **Coordination**
 - Activities are coordinated with the ICAO Western and Central African (WACAF) Office.
 - No formal coordination is carried out between CNS/SG and other APIRG Sub-groups such as:
 - the Air Traffic Management (ATM)/Aeronautical Information Management (AIM)/Search and Rescue (SAR) Sub-group
 - the Aeronautical Meteorology (MET) Sub-group
 - *To ensure that the CNS infrastructure is consistent with agreed regional performance objectives.*
 - **CNS/ATM Sub-group disbanded in 2003.**

Regional Programmes- 2011-2013

REGIONAL OFFICES

Location: APAC (Bangkok, Thailand)
Objective: *Assist in the pursuit of the objectives of ICAO, encourage States accredited to the Asia and Pacific Regional Office to implement the policies and directives of the Organization in the field of air navigation, air transport and technical co-operation.*

Programme	Activities
ATM – Airspace Optimization	<ul style="list-style-type: none">• Airspace Safety Monitoring to achieve TLS (RASMAG).• Optimize ATS Route structure in en-route and Terminal airspace.• Improved surveillance using ADS-B.• Monitor and coordinate RMA activities.• Implement RVSM in the remaining part of the region.
Performance-Based Navigation (PBN)	<ul style="list-style-type: none">• Modify ATS route networks to shorten time or distance flown.• Implementation of performance-based navigation for terminal area operations.
Safety Management Implementation	<ul style="list-style-type: none">• Establish database in the APAC office for foreign operator surveillance• Support implementation of State Safety Programme.• Strengthen national safety oversight functions by providing assistance programmes.
Regional Safety-Related Activities	<ul style="list-style-type: none">• CAPSCA Steering Committee meeting and Regional Aviation Medicine Team meeting annually in each CAPSCA region.
Aerodrome Safety	<ul style="list-style-type: none">• Enhance safety and efficiency of aerodrome operations.• Implementation of aerodrome certification.

Regional Programmes- 2011-2013

Safety Audit

- Participate in safety oversight audits and conduct ICAO Coordinated Validation missions (ICVMs).
- Support the implementation of the Continuous Monitoring Approach to ICAO Universal Safety Oversight Audits.

Meteorology

- Implementation of international airways volcano watch (IAVW), international tropical cyclone watch (ITCW) and SIGMET.
- Implementation of WAFS and associated developments.
- Improve OPMET exchange efficiency.
- Develop regional MET requirements to support ATM.
- Enhanced provision of AIS/AIM.

Digital aeronautical information

- Implementation of WGS-84 and e-TOD.

Security

- Assess and analyze existing and potential threats to civil aviation as per the guidance provided in AVSECP Working Group – Annex 17.
 - Organize and provide support for symposia, seminars and workshops concerned with various aviation security, facilitation and MRTD matters.
 - Validate the implementation of State's corrective action plans through ICVM.
 - Develop assistance proposals for State to address deficiencies and monitor implementation.
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Regional Programmes- 2011-2013

Security Audit

- Validate the implementation of States' corrective action plans through the conduct of ICAO Coordinated Validation Missions (ICVM).

ISD-Security

- Develop subject specific assistance workshops and organize as well as provide support to AVSEC conferences and seminars.

Qualified Aviation Professionals

- Improve regional requirements of human resources planning and a competency-based approach to training and assessment.

Civil/Military Cooperation

- Enhance civil/military coordination and cooperation.

Regional Programmes- 2011-2013

CNS/Frequency Spectrum

- Improved communications interoperability – implementation of aeronautical telecommunication network (ATN) for ground – ground communication network and Aeronautical Message Handling System (AMHS).
- Improved communications interoperability between ACCs in adjacent FIRs - implementation of ATS inter-facility data communication circuits (AIDC).
- Enhanced communications and situational awareness in oceanic and remote areas.
- Improved situational awareness in TMA and aerodrome surface operations.
- Coordination and implementation of navigation facilities to meet PBN implementation requirement. Protection and coordination for optimum usage of radio frequency spectrum.
- Improve ICAO Regional Planning Process.