

TERMS OF REFERENCE (TOR) of the

Advanced Inter-Regional ATS Route Development Task Force (AIRARD/TF)

1. TERMS OF REFERENCE

1.1 The terms of reference of the AIRARD Task Force are to:

- a) identify requirements and improvements for achieving and maintaining an efficient route network across the ICAO APAC, EUR/NAT and MID Regions based on the airspace user needs and in coordination with stakeholders (States, International Organizations, user representative organizations and other ICAO Regions);
- b) ensure harmonized planning and implementation of ATS routes and airspace improvement projects at the interfaces between the three ICAO Regions;
- c) monitor the status of implementation of the agreed ATS routes and airspace improvement projects;
- d) in case of implementation problems, identify the associated difficulties and propose/agree to solutions to further progress with the implementation;
- e) review and amend the components of the ATS route structure and airspace description in order to ensure their compliance with ICAO provisions (e.g. five-letter name-code (5LNC) uniqueness, ATS route designators, WGS-84 coordinates, flexible use of airspace (FUA) implementation);
- f) discuss and support the implementation of new concept;
- g) determine the CNS requirements, interoperable entry/exit points or areas, connections into the TMAs, weather related issues, terrain aspects, airspace organisation which would be needed in order to support the implementation of the new concepts;
- h) achieve common understanding and support from all stakeholders involved in or affected by the ATM developments/activities in the three ICAO Regions; and
- i) use the AIRARD/TF meetings as a forum for bilateral and multilateral discussions (such as review of ANS Letters of Agreements).

1.2 In order to meet the Terms of Reference, the AIRARD Task Force shall:

- a) Discuss and review the ATS route network and airspace improvement projects which involve States (including the Military) and all aviation stakeholders (airspace users, international organisations and Computer Flight Plan Software/Service Providers (CFSPs)) across the three Regions;
- b) propose a strategy and prioritized plan for development of improvements to the route network and/or airspace structure to facilitate harmonized and synchronized trans-regional planning, highlighting:
 - areas that require immediate attention (solution of safety, capacity or complexity constraints);
 - interface issues with adjacent ICAO Regions;
- c) monitor and report on the implementation status of the prioritized plan;
- d) develop a roadmap for the implementation of new concepts such as the PBN highways;

- e) develop a working depository for route proposals that will be used as a dynamic reference document for ongoing discussions on routes under development/modification. In this respect, the Task Force should explore the utility that can be realized from the route catalogue concept/ATS routes database; and
- f) address CNS and ATM interface issues with other regions and make specific recommendations to achieve a harmonized and interoperable environment in the interface areas between the regions.

2. In order to effectively perform its tasks and responsibilities:

- a) The AIRARD TF shall elect Co-Chairpersons (one from a State and one from the airspace users) for a cycle of three meetings, unless otherwise re-elected.
- b) The TF shall meet at least once a year and/or when deemed necessary.
- c) The TF meetings should be hosted by its members on rotation basis.
- d) The TF shall report to the relevant ATM Groups in the APAC and MID Regions under the Asia/Pacific Air Navigation Planning and Implementation Regional Group (APANPIRG), the European Air Navigation Planning Group (EANPG), North Atlantic Systems Planning Group (NAT SPG) and the Middle East Air Navigation Planning and Implementation Regional Group (MIDANPIRG).

3. COMPOSITION

The AIRARD Task Force is composed of:

- a) States from APAC, EUR/NAT and MID Regions, or States providing services in the APAC, EUR/NAT and MID Regions;
- b) concerned International and Regional Organizations; and
- c) other representatives from provider States and Industry may be invited on ad hoc basis, as observers, when required.

Draft – to be endorsed by APANPIRG and EANPG
Endorsed by MIDANPIRG