



*INTERNATIONAL CIVIL AVIATION ORGANIZATION*

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

Bangkok, Thailand, 24 –25 June 2015

**Agenda Item 5: Review existing TOR of APANPIRG Contributory Bodies**

**PROPOSALS FOR REVISED TOR OF APANPIRG  
CONTRIBUTORY BODIES**

(Presented by the Secretariat)

**SUMMARY**

APANPIRG/25 noted that the ToR and work of existing Sub Groups, Working Groups and Task Forces should be reviewed to better support the ICAO performance framework, in particular implementation activities to align with ASBUs and regional priorities and adopted Decision 25/50.

The Task Force is invited to review the Secretariat proposal on the Terms of Reference of APANPIRG Contributory Bodies and recommend for consideration by APANPIRG/26.

Action by the Meeting is at Para 3.

**1. INTRODUCTION**

1.1 The Global Air Navigation Plan (GANP) and Aviation System Block Upgrades (ASBU) documentation provide the guidance and framework for a structured approach to air transport progress for the next 15 years and beyond. They outline the role of the PIRGs in managing regional projects to develop regional air navigation plans taking into account ASBU module implementation and established regional priorities. In accordance with APANPIRG/25, Decision 25/50, the existing terms of reference of the APANPIRG contributory bodies is reviewed and a proposal to revise the Terms of Reference is presented for further review and revision as necessary by the APANPIRG Contributory Bodies Structure Review Task Force (ABSRTF) prior to submission and possible adoption by APANPIRG/26.

1.2 The revised APANPIRG contributory bodies' Terms of Reference (ToR) is intended to promote a project management driven approach to regional air navigation planning and implementation, guided by and aligned with regional priorities and the global ASBU strategy.

**2. DISCUSSION**

2.1 APANPIRG/25 noted that in light of the performance based approach to air navigation planning and implementation there was a need to align the work programme of States, regions and ICAO and in this regard due consideration should be given to planning, implementation, performance measurement, monitoring and reporting aspects and that a project based approach for

ASBU's should be applied to APANPIRG Contributory Bodies (Sub Groups, Working Groups, Task Forces) as necessary and adopted Decision 25/50 as below:

***APANPIRG Decision 25/50 – APANPIRG Contributory Bodies Structure Review Task Force (ABSRTF)***

*That,*

- a) *The APANPIRG Contributory Bodies Structure Review Task Force with members consisting of Chairpersons/Vice Chairpersons of APANPIRG Contributory Bodies (Sub-groups, Working Groups and Task Forces) and voluntary members nominated by States be established with the Terms of Reference presented in Appendix B to this section of the report; and*
- b) *In coordination with the ICAO Regional Office, the Task Force undertakes a review of the Terms of Reference and activities of the APANPIRG Contributory Bodies and proposes rationalization of the APANPIRG structure to meet the changing environment to APANPIRG/26.*

2.2 Sub Groups should identify projects primarily from ASBU Modules adopted by APANPIRG and the APAC Seamless ATM Plan. The respective APANPIRG Sub Group should examine and review the usefulness and continuity of the groups reporting to it and propose their new structure to APANPIRG for approval.

2.3 Draft ToR for the CNS, MET, ATM and AOP Sub Groups are given in Attachments A, B, C and D to this Working Paper.

2.4 **Conclusion:**

2.4.1 In view of the foregoing the meeting is invited to consider the following draft Decision for APANPIRG's approval:

**Draft Decision ABSRTF/XX – Revised Terms of Reference of APANPIRG Sub Groups**

*That, the revised Terms of Reference of APANPIRG Sub Groups as placed in Attachment A, B, C and D to the Working Paper be adopted.*

**Draft Decision ABSRTF/xx – Revised Terms of Reference of contributory bodies under the APANPIRG Sub Groups**

*That the Secretariat, in consultation with Chairs of the existing Task Forces and Working Groups designated under the APANPIRG Sub Groups, reviews and amends the TOR as necessary, and submits to the respective Sub Groups and APANPIRG/27 for further review and possible adoption.*

**3. ACTION BY THE MEETING**

3.1 The Meeting is invited to:

- a) Note the contents of this Working Paper;
- b) Deliberate on the proposals presented in this Working Paper and agree on the revised Terms of Reference of APANPIRG Contributory Bodies; and
- c) Agree on the Draft Decision under paragraph 2.4 of this Working Paper.

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**ATTACHMENT A**

**Proposal on the Draft Terms of Reference for APANPIRG Communications, Navigation and Surveillance /Sub Group (CNS/SG)**

The Objectives of the CNS/SG are to:

- 1) *ensure continuous and coherent development of the CNS parts of the Asia/Pacific Regional Air Navigation Plan (APAC ANP) in a manner that is harmonized with adjacent regions, consistent with ICAO SARPSs, the Global Air Navigation Plan and the Global Aviation Safety Plan;*
- 2) *facilitate the implementation of CNS systems and services identified in the APAC ANP, Aviation System Block Upgrade (ASBU) priority modules and ASIA/PAC seamless ATM Plan elements assigned by APANPIRG;*
- 3) *review, identify and address deficiencies that impede the implementation or provision of efficient CNS services in the Asia & Pacific Regions.*

**Deliverables to meet the Objectives:**

- 1) *Progress report **submitted** to APANPIRG addressing the CNS SG deliverables (listed in 2-9 below);*
- 2) *CNS parts of the APAC ANP **reviewed** and, as necessary, amendment proposals **prepared** to update the APAC ANP to reflect changes in the operational and global requirements;*
- 3) *Level of implementation of CNS systems and services **monitored** and, as necessary, **facilitated** to support the effective implementation of ASBU priority modules and the ASIA/PAC seamless ATM Plan elements assigned by APANPIRG;*
- 4) *Air navigation deficiencies in the field of CNS **identified** (which may require any necessary systems performance monitoring to be **facilitated**) and, where necessary, appropriate corrective action **proposed** and the development and implementation of action plans by States to resolve identified deficiencies **facilitated**;*
- 5) *Air navigation deficiencies in the field of CNS (as listed in the APANPIRG database) **reviewed** and, as necessary, **updated** to reflect the current situation;*
- 6) *Research and development, trials and demonstrations in the field of CNS **monitored** and, as necessary, the transfer of this information and expertise between States **facilitated**;*
- 7) *Specific recommendations **made**, and guidance materials **developed**, aimed at improving CNS services by the use of existing and/or new procedures, facilities and technologies;*
- 8) *Inter-regional and intra-regional co-ordination issues in the field of CNS **reviewed** and **identified** and, as necessary, actions **recommended** addressing those issues;*
- 9) *CNS environmental initiatives are consistently identified and progressed; and report outcomes from CNS environmental initiatives;*
- 10) *Draft Conclusions and Decisions **formulated** relating to matters in the field of CNS that come within the scope of the APANPIRG work plan.*

***Current Terms of Reference of CNS Sub-Group***

- 1) *Ensure continuous and coherent development of the ASIA/PAC Regional Air Navigation Plan in the CNS field in accordance with the Global Air Navigation Plan and Global Aviation Safety Plan.*
- 2) *Review, identify and address deficiencies that impede the implementation or provision of efficient CNS services in the ASIA/PAC Region.*
- 3) *Monitor CNS systems research and development, trial and demonstrations in the fields of CNS and facilitate the transfer of this information and expertise between States.*
- 4) *Make specific recommendations and guidance materials aimed at improving CNS services by the use of existing procedures and facilities and/or through the evolutionary implementation of CNS/ATM systems.*
- 5) *Review and identify inter-regional and intra-regional co-ordination issues in the field of CNS, harmonize and recommend actions to address those issues.*
- 6) *Ensure CNS environmental initiatives are consistently identified and progressed, and report outcomes from CNS environmental initiatives.*

## ATTACHMENT B

### Proposal on the Draft Terms of Reference for APANPIRG Meteorology Sub-Group (MET SG)

The Objectives of the MET/SG are to:

- 1) *ensure the continuous and coherent development of the MET parts of the Asia/Pacific Regional Air Navigation Plan (APAC ANP) in a manner that is harmonized with adjacent regions, consistent with ICAO SARPSs, the Global Air Navigation Plan and the Global Aviation Safety Plan;*
- 2) *facilitate the implementation of aeronautical meteorological services identified in the APAC ANP, Aviation System Block Upgrade (ASBU) priority modules and the ASIA/PAC seamless ATM Plan elements assigned by APANPIRG;*
- 3) *review, identify and address deficiencies that impede the implementation or provision of efficient aeronautical meteorological services in the Asia and Pacific Regions.*

#### Deliverables to meet the Objectives:

- 1) *Progress report **submitted** to APANPIRG addressing the MET SG deliverables (listed in 2-9 below).*
- 2) *MET parts of the ASIA/PAC ANP **reviewed** and, as necessary, amendment proposals **prepared** to update the APAC ANP to reflect changes in the operational and global requirements.*
- 3) *Level of implementation of aeronautical meteorological services **monitored** and, as necessary, **facilitated** to support the effective implementation of ASBU priority modules and the ASIA/PAC seamless ATM Plan elements assigned by APANPIRG.*
- 4) *Air navigation deficiencies in the field of MET **identified** (which may require any necessary systems performance monitoring to be **facilitated**) and, where necessary, appropriate corrective action **proposed** and the development and implementation of action plans by States to resolve identified deficiencies **facilitated**.*
- 5) *Air navigation deficiencies in the field of MET (as listed in the APANPIRG database) **reviewed** and, as necessary, **updated** to reflect the current situation.*
- 6) *Research and development, trials and demonstrations in the field of MET **monitored** and, as necessary, the transfer of this information and expertise between States **facilitated**.*
- 7) *Specific recommendations **made**, and guidance materials **developed**, aimed at improving aeronautical meteorological services by the use of existing and/or new procedures, facilities and technologies.*
- 8) *Inter-regional and intra-regional co-ordination issues in the field of MET **reviewed** and **identified** and, as necessary, actions **recommended** addressing those issues;*
- 9) *MET environmental initiatives are consistently identified and progressed*
- 10) *Draft Conclusions and Decisions **formulated** relating to matters in the field of MET that come within the scope of the APANPIRG work plan.*

***Current Terms of Reference of MET Sub-Group***

- 1) *Ensure continuous and coherent development of the ASIA/PAC Regional Air Navigation Plan in the MET field in accordance with the Global Air Navigation Plan and Global Aviation Safety Plan.*
- 2) *Review, identify and address deficiencies that impede the implementation or provision of efficient MET services in the ASIA/PAC Region.*
- 3) *Monitor research and development, trial and demonstrations in the field of MET and facilitate the transfer of this information and expertise between States.*
- 4) *Make specific recommendations and develop guidance materials aimed at improving MET services by the use of existing and/or new procedures, facilities and technologies*
- 5) *Review and Identify Inter-regional and intra-regional co-ordination issues in the field of MET and recommend actions to address those issues.*

**ATTACHMENT C**

***Proposal on Draft Terms of Reference of Air Traffic Management Sub-Group of APANPIRG (ATMSG)***

The Objectives of the ATM/SG are to:

- 1) ensure the continuous and coherent development of the ATM/AIM/SAR parts of the Asia/Pacific Regional Air Navigation Plan (APAC ANP) in a manner that is harmonized with adjacent regions, consistent with ICAO SARPSs, the Global Air Navigation Plan and the Global Aviation Safety Plan;*
- 2) facilitate the implementation of ATM systems, procedures and services identified in the APAC ANP, Aviation System Block Upgrade (ASBU) priority modules and ASIA/PAC seamless ATM Plan elements assigned by APANPIRG;*
- 3) review, identify and address deficiencies that impede the implementation or provision of efficient ATM services in the Asia and Pacific Regions.*

**Deliverables to meet the Objectives:**

- 1) Progress report **submitted** to APANPIRG addressing the ATM SG deliverables (listed in 2-9 below);*
- 2) ATM parts of the ASIA/PAC ANP **reviewed** and, as necessary, amendment proposals **prepared** to update the APAC ANP to reflect changes in the operational and global requirements;*
- 3) Level of implementation of ATM services **monitored** and, as necessary, **facilitated** to support the effective implementation of ASBU priority modules and the ASIA/PAC seamless ATM Plan elements assigned by APANPIRG;*
- 4) Air navigation deficiencies in the field of ATM **identified** (which may require any necessary systems performance monitoring to be **facilitated**) and, where necessary, appropriate corrective action **proposed** and the development and implementation of action plans by States to resolve identified deficiencies **facilitated**;*
- 5) Air navigation deficiencies in the field of ATM (as listed in the APANPIRG database) **reviewed** and, as necessary, **updated** to reflect the current situation;*
- 6) Research and development, trials and demonstrations in the field of MET **monitored** and, as necessary, the transfer of this information and expertise between States **facilitated**;*
- 7) Specific recommendations **made**, and guidance materials **developed**, aimed at improving aeronautical meteorological services by the use of existing and/or new procedures, facilities and technologies;*
- 8) Inter-regional and intra-regional co-ordination issues in the field of ATM **reviewed** and **identified** and, as necessary, actions **recommended** addressing those issues;*
- 9) ATS environmental initiatives are consistently identified and progressed; and report outcomes from ATM environmental initiatives;*
- 10) Draft Conclusions and Decisions **formulated** relating to matters in the field of ATM that come within the scope of the APANPIRG work plan.*

***Current Terms of Reference of Air Traffic Management Sub-Group of APANPIRG (ATMSG)***

1. *Ensure continuous and coherent development of the ASIA/PAC Regional Air Navigation Plan in the ATM/AIM/SAR fields in accordance with the Global Air Navigation Plan and the Global Aviation Safety Plan;*
2. *Review, identify and address deficiencies that impede the implementation or provision of efficient ATM/AIM/SAR/AOP in the Asia/Pacific region;*
3. *Monitor CNS/ATM systems research and development, trials and demonstrations in the fields of ATM/AIM/SAR and facilitate the transfer of this information and expertise between States;*
4. *Make specific recommendations aimed at improving ATM/AIM/SAR by the use of existing procedures and facilities and/or through the evolutionary implementation of CNS/ATM systems;*
5. *Review and identify inter-regional co-ordination issues in the fields of ATM/AIM/SAR and recommend actions to address those issues; and*
6. *Ensure ATS environmental initiatives are consistently identified and progressed, and report of outcomes from ATM environmental initiatives.*



**ATTACHMENT D**

***Proposal on Draft Terms of Reference of Aerodromes Operations and Planning Sub-Group of APANPIRG (AOP/SG)***

The Objectives of the AOP/SG are to:

- 1) ensure the continuous and coherent development of the AOP parts of the Asia/Pacific Regional Air Navigation Plan (APAC ANP) in a manner that is consistent with ICAO SARPSs, the Global Air Navigation Plan and the Global Aviation Safety Plan;*
- 2) facilitate the implementation of AOP services identified in the APAC ANP, Aviation System Block Upgrade (ASBU) priority modules and ASIA/PAC seamless ATM Plan elements assigned by APANPIRG;*
- 3) review, identify and address deficiencies that impede the implementation or provision of efficient AOP services in the Asia and Pacific Regions.*

**Deliverables to meet the Objectives:**

- 1) Progress report **submitted** to APANPIRG addressing the AOP SG deliverables (listed in 2-9 below);*
- 2) AOP parts of the ASIA/PAC ANP **reviewed** and, as necessary, amendment proposals **prepared** to update the APAC ANP to reflect changes in the operational and global requirements;*
- 3) Level of implementation of AOP service **monitored** and, as necessary, **facilitated** to support the effective implementation of ASBU priority modules and ASIA/PAC seamless ATM Plan elements assigned by APANPIRG;*
- 4) Air navigation deficiencies in the field of AOP **identified** and, where necessary, appropriate corrective action **proposed** and the development and implementation of action plans by States to resolve identified deficiencies **facilitated**;*
- 5) Air navigation deficiencies in the field of AOP (as listed in the APANPIRG database) **reviewed** and, as necessary, **updated** to reflect the current situation;*
- 6) AOP environmental initiatives are consistently identified and progressed; and report outcomes from AOP environmental initiatives;*
- 7) Draft Conclusions and Decisions **formulated** relating to matters in the field of AOP that come within the scope of the APANPIRG work plan.*

***Current Terms of Reference of AOP Sub Group***

1. *Ensure the continuous and coherent development of the Asia/Pacific Regional Air Navigation Plan in the AOP Field in accordance with the GANP and GASP.*
2. *Promote and follow up the implementation of the AOP requirements of the APAC ANP.*
3. *Review, identify and address deficiencies in the provision of aerodrome installations, equipment and Services according to established procedures, and propose corresponding timely corrective actions to the shortcomings/deficiencies affecting aerodrome operations.*
4. *Monitor developments in the field of aerodrome operations in the APAC Regions, new operational requirements and /or technological developments including environment aspects and make proposals to meet the operational requirements related to these developments;*
5. *Ensure AOP environmental initiatives are consistently identified and progressed, and report outcomes from AOP environmental initiatives.*

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