



INTERNATIONAL CIVIL AVIATION ORGANIZATION

**TWENTY SECOND MEETING OF THE
ASIA/PACIFIC AIR NAVIGATION PLANNING AND
IMPLEMENTATION REGIONAL GROUP (APANPIRG/22)**

Bangkok, Thailand, 5–9 September 2011

Agenda Item 5: Future Work Programme

**REPORT OF THE FIRST MEETING OF THE APANPIRG
CONTRIBUTORY BODIES STRUCTURE REVIEW
TASK FORCE (ABSRTF)**

(Presented by the Chairman of Task Force)

SUMMARY

This paper reviews the work accomplished by the First Meeting of the APANPIRG Contributory Bodies Structure Review Task Force (ABSRTF/1) held in Bangkok, Thailand from 23 to 24 May 2011 and presents the proposed APANPIRG Structure, proposed Terms of Reference of the contributory bodies and proposed terms of the Chairperson/Vice Chairperson for comments and adoption by APANPIRG/22.

Strategic Objectives:

A: Safety – Enhance global civil aviation safety

C: Environmental Protection and Sustainable Development of Air Transport – Foster harmonized and economically viable development of international civil aviation that does not unduly harm the environment

This paper relates to ICAO Strategic Objective A and C.

Action by the meeting is at Para 3 to this paper.

1. INTRODUCTION

1.1 The First APANPIRG Contributory Bodies Structure Review Task Force (ABSRTF) Meeting of APANPIRG was held from 23 to 24 May 2011 at the ICAO Asia and Pacific Office, Bangkok, Thailand. The meeting was attended by 13 participants from 8 Member States. A copy of the report of ABSRTF is available on the ICAO web site at

http://www.bangkok.icao.int/cns/meeting.do?method=MeetingDetail&meeting_id=75.

Mr. Colman Ng (Hong Kong, China) was unanimously elected as the Chairperson of the Task Force and he presided over the meeting.

2. DISCUSSION

2.1 APANPIRG/21 considering the need to review the APANPIRG Structure and Terms of Reference of its contributory bodies established the APANPIRG Contributory Bodies Structure Review Task Force under Decision 21/57.

2.2 The ABSRTF in fulfilling its mandate as outlined in Decision 21/57 endorsed the following Terms of Reference to achieve the objectives.

Terms of Reference of ABSRTF

- *Review of the existing APANPIRG structure. Suggest new structure taking into account the possible requirement for inclusion of AOP, Aviation Security and others to be identified.*
- *Review of the existing Terms of Reference of the contributory bodies including the Term of the Sub Group Chairperson/Vice Chairperson. Suggest proposed TOR considering the current and future developments in air navigation systems & technologies and related programs for addressing air navigation issues.*
- *Review activities of APANPIRG contributory Bodies and propose rationalization of their structures to APANPIRG/22 to meet the changing environment.*
- *Identify any possible issues of significance.*

2.3 The ABSRTF reviewed the APANPIRG Structure and formulated the following recommendations for consideration by APANPIRG/22:

- a) APAC Regional Office to pursue AVSEC policy issues outside of APANPIRG as implementation/monitoring of Annex 17 requirements are not within the purview of APANPIRG Terms of Reference;
- b) Considering the issues to be discussed and the number of papers presented, a separate sub group for MET is proposed; however the work of MET will be coordinated with other sub groups; Coordination could be made by holding a coordination meeting with the respective group(s);
- c) Establishment of a new AOP Working Group which will report to ATM SG;
- d) ICAO secretariat will coordinate with respective Chairperson for scheduling -the sub group meetings back to back as required;
- e) The proposed new structure is placed at Attachment A to this working paper;
- f) The new approved structure will be effective from 2013 meeting year (APANPIRG/24) with 2012 (APANPIRG/23) being used for transitional arrangements;
- g) APANPIRG may consider reviewing its new adopted structure after three years from the effective year i.e. in 2016 in light of the experience gained and considering the effectiveness and work load of each of the SGs then;

- h) Considering the work of AIM and MET being closely related in terms of data and information sharing it was recommended to review whether it is appropriate for AIM to join MET SG in the next structure review(2016);
- i) It is expected that the AOP working group will mature in light of experience gained in the next few years and may be considered as a separate sub group in the next structure review;
- j) The meeting recommended renaming the ATM/AIS/SAR/AOP SG as ATM/SG;
- k) The respective APANPIRG Sub group should examine and review the usefulness and continuity of the Working Groups & Task Force reporting to it and propose their new structure to APANPIRG for approval. The new approved APANPIRG Sub Group Structure will become effective from meeting year 2013 with 2012 used for transitional arrangements;
- l) The meeting noted that even though not mandated by APANPIRG, it felt appropriate to bring to APANPIRG's attention on the need for updating the APANPIRG Procedural Handbook.

2.4 As a result of the discussions, the meeting formulated the following draft Decisions for consideration and adoption by APANPIRG/22.

Draft Decision 22/XX- New APANPIRG Structure

That, in consideration of optimizing the effectiveness and efficiency of the contributory bodies of APANPIRG and in accordance with the provisions of the APANPIRG Procedural Handbook the new APANPIRG Structure as proposed in Attachment A to the ABSRTF Report be adopted to become effective from 2013 meeting year with 2012 being used for transitional arrangements and subject to a further review in 2016.

Draft Decision 22/XX- Term for Chairperson/Vice Chairperson of Sub Groups

That, the term of the Chairperson and Vice Chairperson of the Sub Groups shall be for a maximum period of six years. The incumbent may stand for re-election. If an elected Chairperson is due for retirement or resigns from his organization during his term of Chairmanship, the sub group may elect a new Chairperson.

Draft Decision 22/XX- Revised Terms of Reference of APANPIRG Sub Group and AOP Working Group

That, the revised Terms of Reference of APANPIRG Sub Group and AOP Working Group as placed in Attachment B to ABSRTF Report be adopted and to become effective from 2013 meeting year.

2.5 At the end of the ABSRTF Meeting, it was agreed that the work of the Task Force has been completed and no further meetings were required. Accordingly, the meeting agreed that the ABSRTF should be dissolved and formulated the following Decision for adoption:

Draft Decision 22/xx- Dissolution of ABSRTF

That, the ABSRTF having completed its task as set out in its Terms of Reference, be dissolved.

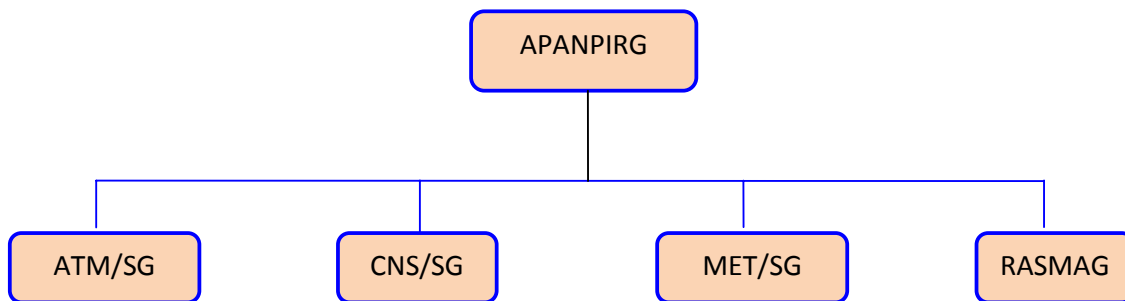
3. ACTION BY THE MEETING

The meeting is invited to:

- i) Discuss the recommendations proposed by ABSRTF; and
- ii) consider adoption of the draft Decisions developed by the ABSRTF.

ATTACHMENT A

PROPOSED NEW STRUCTURE OF APANPIRG



ATTACHMENT B***PROPOSED TERMS OF REFERENCE OF CNS SUB-GROUP***

- 1) *Ensure ~~the continuing~~ continuous and coherent development of the ASIA/PAC Regional Air Navigation Plan in the CNS/~~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 CNS/~~MET~~ services in the ASIA/PAC Region.*
- 3) *Monitor CNS/~~MET~~ systems research and development, trial and demonstrations in the fields of CNS/~~MET~~ and facilitate the transfer of this information and expertise between States.*
- 4) *Make specific recommendations and guidance materials aimed at improving CNS/~~MET~~ 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/~~MET~~, 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.*

PROPOSED TERMS OF REFERENCE OF MET SUB-GROUP

- 1) Ensure ~~the continuing~~ 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 ~~CNS/MET systems~~ research and development, trial and demonstrations in the field of CNS/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 ~~and/or through the evolutionary implementation of CNS/ATM systems~~ technologies
- 5) Review and Identify Inter-regional and intra-regional co-ordination issues in the field of ~~CNS~~ MET and recommend actions to address those issues.

PROPOSED TERMS OF REFERENCE OF AIR TRAFFIC MANAGEMENT/AERONAUTICAL INFORMATION SERVICES AND SEARCH AND RESCUE (ATM/AIS/SAR) SUB-GROUP OF APANPIRG

1. *Ensure ~~the continuing~~ continuous and coherent development of the ASIA/PAC Regional Air Navigation Plan in the ATM/AIM/SAR/AOP 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/AOP and facilitate the transfer of this information and expertise between States;*
4. *Make specific recommendations aimed at improving ATM/AIM/SAR/AOP 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/AOP and recommend actions to address those issues; and*
6. *Ensure ATS and AOP environmental initiatives are consistently identified and progressed, and ~~act as the Asia/Pacific regional focal point for reporting~~ of outcomes from ATM/AOP environmental initiatives.*

REGIONAL AIRSPACE SAFETY MONITORING ADVISORY GROUP (RASMAG)

TERMS OF REFERENCE OF RASMAG

The objectives of the Group are to:

- a) *facilitate the safe implementation of reduced separation minima and CNS/ATM applications within the Asia and Pacific Regions in regard to airspace safety monitoring; and*
- b) *assist States to achieve the established levels of airspace safety for international airspace within the Asia and Pacific Regions.*

To meet these objectives the Group shall:

- a) *review airspace safety performance in the Asia and Pacific Regions at the regional level and within international airspace;*
- b) *review and develop as necessary, guidance material for airspace safety monitoring, assessment and reporting activities, including the duties, responsibilities and scope of regional monitoring entities;*
- c) *recommend, and facilitate as necessary, the implementation of airspace safety monitoring and performance assessment services;*
- d) *review and recommend on the competency and compatibility of monitoring organizations and recommend to APANPIRG specific airspace responsibility for individual regional monitoring entities;*
- e) *review, coordinate and harmonize regional and inter-regional airspace safety monitoring activities;*
- f) *review regional and global airspace planning and developments in order to anticipate requirements for airspace safety monitoring and assessment activities;*
- g) *address other airspace safety related issues as necessary;*
- h) *facilitate the distribution of safety related information to States, and*
- i) *provide to APANPIRG comprehensive reports on regional airspace safety and coordinate with other contributory bodies of APANPIRG as appropriate.*

Task List

To review the safety monitoring programmes in the Asia and Pacific Regions for implementation and operation of:

- a) *reduced vertical separation minimum (RVSM);*
- b) *reduced horizontal (lateral and longitudinal) separation minima using RNP;*
- c) *aircraft separation applications using data link, e.g. ADS and CPDLC; and*
- d) *ATS Unit to ATS Unit operational messaging using AIDC.*

PROPOSED TERMS OF REFERENCE OF AOP WORKING 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.*