



INTERNATIONAL CIVIL AVIATION ORGANIZATION

**REPORT OF THE FIRST MEETING OF THE
APANPIRG CONTRIBUTORY BODIES STRUCTURE REVIEW TASK FORCE
(ABSRTF/1)**

BANGKOK, THAILAND, 23 – 24 MAY 2011

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Attachments to the Report

Attachment 1 - List of Participants

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1.1 Introduction

1.1.1 The First Meeting of the APANPIRG Contributory Bodies Structure Review Task Force (ABSRTF/1) was held in Bangkok, Thailand from 23 to 24 May 2011 at the ICAO Asia and Pacific Office.

1.2 Attendance

1.2.1 The meeting was attended by 13 participants from 8 Member States.

1.2.2 A list of participants is given at **Attachment 1** to the Report.

1.3 Opening of the Meeting

1.3.1 The meeting was opened by Mr. Mokhtar A. Awan, Regional Director, ICAO Asia and Pacific Office.

1.3.2 Mr. Awan welcomed the participants and highlighted the wider range of responsibilities and role adopted by APANPIRG with the changing dynamics in aviation. He recalled the APANPIRG/14 Decision in 2003 on the establishment of the Future Direction Task Force for reviewing the ToR and work Programme of APANPIRG Contributory Bodies. He further stated that APANPIRG/21 in keeping abreast with the current developments in air navigation including performance based navigation and data centric Aeronautical Information Management which are fast changing the structure and shape of air navigation, placed high priority on the establishment of this Task Force (ABSRTF).

1.3.3 Mr. Awan thanked Australia, China, India, Japan, New Zealand, Republic of Korea, Singapore, Thailand and USA for nominating voluntary expert members.

1.4 Officers and Secretariat

1.4.1 Mr. Yoshiki Imawaka, Deputy Regional Director, ICAO Asia and Pacific Office, was the Secretary of the meeting. He was assisted by Mr. N.C. Sekhar, Regional Officer/AGA and supported by Mr. Len Wicks, Regional Officer/ATM, Mr. Li Peng and Mr. S. Saraswati, Regional Officers/CNS, from the ICAO Asia and Pacific Office.

1.5 Working Arrangements, Language and Documentation

1.5.1 The Task Force met as a single body throughout the meeting. The working language of the meeting was English inclusive of all documentation and this Report. Working Papers (WPs) and information papers presented at the meeting are listed in the **Attachment 2** to this Report.

1.6 Conclusions and Decisions

A List of Conclusions and Decisions is given on page i-2

List of Conclusions and Decisions

- | | | |
|----------------------|---|---|
| Draft Decision 22/XX | - | New APANPIRG Structure |
| Draft Decision 22/XX | - | Term for Chairperson/Vice Chairperson of Sub Groups |
| Draft Decision 22/XX | - | Revised Terms of Reference of APANPIRG Sub Groups and AOP Working Group |
| Draft Decision 22/XX | - | Dissolution of ABSRTF |

Agenda Item 1: Adoption of Agenda

1.1 The meeting adopted the following Agenda:

Agenda Item 1: Adoption of Agenda

Agenda Item 2: Election of Chairperson

Agenda Item 3: Review draft Terms of Reference for the Task Force

Agenda Item 4: Review existing structure of APANPIRG and its Contributory Bodies

Agenda Item 5: Review existing Terms of Reference of APANPIRG Contributory Bodies

Agenda Item 6: Recommendations for APANPIRG/22

Agenda Item 7: Any Other Business

Agenda Item 2: Appointment of Chairperson

2.1 Mr. Lo Weng Kee of Singapore proposed the name of Mr. Ng Shung-Ching Colman (Hong Kong) for Chairperson. The proposal was supported by Australia and India. Mr. Ng was unanimously elected as the Chairperson for the Task Force and he presided over the meeting.

Agenda Item 3: Review the Terms of Reference of the APANPIRG Contributory Bodies Review Task Force

3.1 In presenting WP/3, the Secretariat provided a background to the events leading to the establishment of the Task Force.

3.2 The Meeting was informed that APANPIRG/21 noted that the structure of the Sub-groups has remained largely unchanged. The current developments in air navigation especially in regard to data provisions, performance based systems and technologies in addition to future ATM systems are changing the shape of air navigation. This is resulting in several sub-group and task force activities overlapping and calls for further technical input from other areas of specialization and disciplines such as Aerodromes. In light of the many technological changes in recent years giving rise to a multitude of inter-related issues particularly under the CNS/MET and ATM/AIS/SAR Sub Groups, there are certain merits to better coordinate the work amongst them.

3.3 In view of the above, APANPIRG/21 agreed to the setting up of a Task Force to assist APANPIRG and adopted the following decision:

Decision 21/57 - APANPIRG Contributory Bodies Structure Review Task Force (ABSRTF)

That,

- a) APANPIRG Contributory Bodies Structure Review Task Force with members consisting of Sub-group chairpersons, vice-chairpersons and voluntary members nominated by States be established; and*
- b) In coordination with 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 their structures to APANPIRG/22 to meet the changing environment.*

3.4 Australia, Hong Kong, China, India, Japan, New Zealand, Republic of Korea, Singapore, Thailand and USA nominated voluntary experts to participate in the proposed Task Force in accordance with APANPIRG Decision 21/57.

3.5 The Meeting reviewed and proposed changes to the preliminary Terms of Reference of the Task Force. The Terms of Reference endorsed by the Task Force members is as follows:

Preliminary Terms of Reference

- *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 and 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.*

Agenda Item 4: Review existing structure of APANPIRG and its Contributory Bodies

4.1 The Secretariat presented WP/4 on the APANPIRG Structure and its Contributory Bodies.

4.2 The meeting was informed that APANPIRG/ 21 took note that establishment of additional contributory bodies should be made on a need basis and any proposal for the establishment of additional work groups or task forces must be carefully coordinated with the Regional Office taking into account adequacy of the resources available to support such an action.

4.3 The meeting was informed that in accordance with the Procedural Handbook (Para 6.2, Part IV) - *to ensure the necessary continuity in the work and unless otherwise determined by special circumstances, the Chairperson and Vice Chairperson of a Sub Group should serve for an unspecified period.* APANPIRG/21 noted the comment made by Chairperson of ATM/AIS/SAR Sub Group for a review of the Term of the Sub Group Chairperson by the Task Force.

4.4 The meeting reviewed the APANPIRG structure as presented in Attachment B to the WP/4 which provides for the establishment of a new aerodrome (AOP)/AVSEC Sub Group. The CNS/MET SG is shown as two independent Sub Groups, namely CNS SG and MET SG in addition to the ATM/AIS/SAR SG and RASMAG which have been retained as per existing APANPIRG Structure.

4.4.1 The meeting discussed on the possible integration of MET Sub Group with other group in terms of efficiency, effectiveness, interaction and management, and recommended an independent MET Sub Group. The meeting also noted the importance of AIM and its relation with other navigation fields such as MET, AOP and ATM and recommended retaining AIM with ATM for the present.

4.4.2 The meeting supported and recommended the establishment of an AOP Working Group rather than a new SG to address aerodrome issues. The composition of the AOP Working Group will comprise APAC Member States nominated representatives and invited representatives of International Organizations recognized by the ICAO Council. The meeting proposed that the AOP Working Group will report to ATM SG.

4.4.3 The meeting noted that AVSEC matters (Annex 17) are not within the purview of APANPIRG Terms of Reference and suggested that the Regional Office address AVSEC issues separately.

4.4.4 To a query on the review of the individual APANPIRG Sub Groups Structure, the meeting suggested that the respective Sub Group should regularly examine the usefulness, deliverables and continuity for each working group and Task Forces reporting to it and report their new structure to APANPIRG.

4.5 The meeting made the following recommendations for consideration by APANPIRG:

- 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 APANPIRG Structure is placed at Appendix A to this Report for adoption;
- f) The new approved APANPIRG Structure will be effective from 2013 meeting year (APANPIRG/24) with 2012 (APANPIRG/23) being used for transitional arrangements;
- g) APANPIRG may consider to review 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.

4.6 The meeting reviewed the term of the Chairperson/Vice-Chairperson as proposed in WP/4 and developed the following recommendation:

“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.”

Agenda Item 5: Review of Existing Terms of Reference of APANPIRG Contributory Bodies

5.1 The Secretariat presented WP/5 on the existing Terms of Reference of APANPIRG Contributory Bodies.

5.2 The meeting was informed about the current developments in civil aviation that are fast changing the structure and shape of civil aviation, overlapping of sub group activities and need for technical input from other areas of specialization and disciplines. The meeting also took note of the requirement for long term working mechanism of the sub groups, coordination among sub groups, current work load and APAC Regional Programmes adopted by ICAO 37th Assembly.

5.3 The meeting reviewed the ToR of the following APANPIRG Contributory Bodies and formulated the revised proposal for APANPIRG/22 consideration. The revised ToRs are placed at **Appendix B** to this Report.

- a) CNS Sub Group
- b) MET Sub Group
- c) ATM Sub Group
- d) RASMAG- No Change was proposed.
- e) AOP Working Group

Agenda Item 6: Recommendations for APANPIRG/22

6.1 As a result of 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 Groups and AOP Working Group as placed in Attachment B to the ABSRTF Report be adopted to become effective from 2013 meeting year.

6.2 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 by APANPIRG/22:

Draft Decision 22/xx- Dissolution of ABSRTF

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

Agenda Item 7: Any Other Business

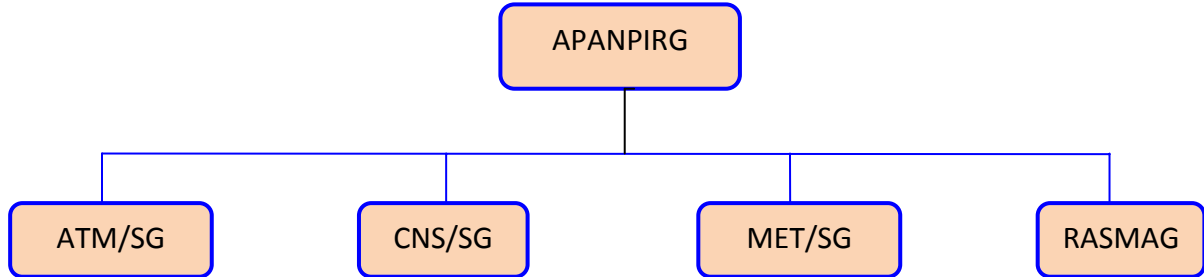
7.1 The Chairman of CNS/MET SG presented a Flimsy proposing an alternative APANPIRG Structure and its Contributing Bodies in alignment with GREPECAS proposed PIRG Structure. The general organization sees the Tasks of APANPIRG being completed by Task Forces established with Terms of Reference, reporting point, time program and authority statement for decisions that can be taken by the Task Force without reference to APANPIRG. The proposal therefore sees the disestablishment of the ATM/AIS/SAR SG and the CNS/MET SG.

7.2.1 In this proposed structure the work program of APANPIRG is coordinated by a newly established 'Plans and Programs Management Sub Group (PPM SG)' with responsibility for Task Forces to develop, and deliver APANPIRG objectives. The Task Forces are empowered to approve decisions and conclusions within the scope of the Task Force's approved work program. Where a decision or conclusion exceeds the approval authorization of the Task Force the PPM SG packages the Draft Decision or Conclusion for consideration by APANPIRG. The work program is managed in accordance with the project management principles.

7.2.2 The Chairman noted that the Structure proposed by Chairman CNS/MET is a new concept and still to be tested for its effectiveness and efficiency. The proposed Structure is placed at Appendix C to this Report.

7.3 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.

PROPOSED NEW STRUCTURE OF APANPIRG



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~~ AMET 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 THE 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.*

DRAFT TERMS OF REFERENCE FOR 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.*

Appendix C to Report on Agenda Item 7

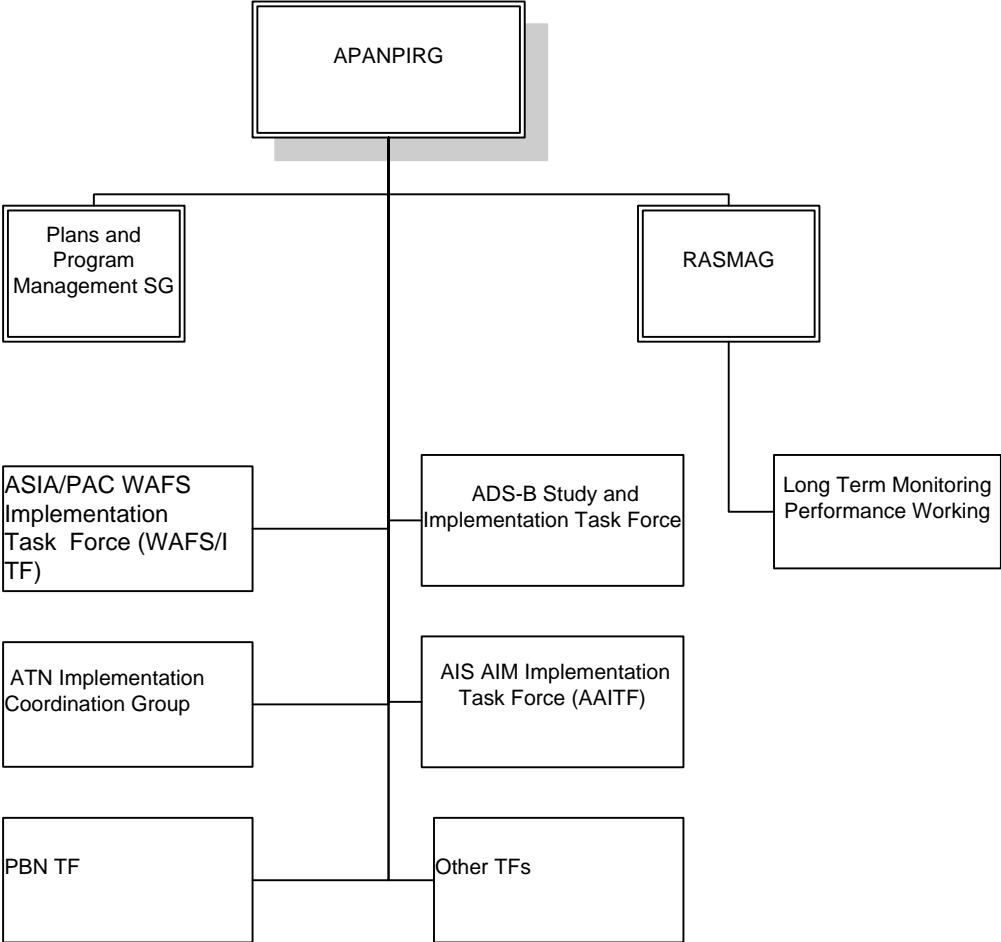


Figure 1

Attachment 1 to the ABSRTF/1 Report

LIST OF PARTICIPANTS

	NAME	TITLE/ORGANIZATION	TEL/FAX NUMBER	E-MAIL
1.	AUSTRALIA (2)			
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2.	HONG KONG, CHINA (3)			
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Attachment 1 to the ABSRTF/1 Report

LIST OF PARTICIPANTS

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8. UNITED STATES (1)				

Attachment 1 to the ABSRTF/1 Report

LIST OF PARTICIPANTS

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LIST OF WORKING AND INFORMATION PAPERS

A) Working Papers

<u>Paper No.</u>	<u>Agenda Item</u>	<u>Title</u>	<u>Presented by</u>
WP/1	1	Provisional Agenda	Secretariat
WP/2	2	Election of Chairperson	Secretariat
WP/3	3	Terms of Reference for the Task Force	Secretariat
WP/4	4	Review APANPIRG Structure and Contributory Bodies	Secretariat
WP/5	5	Review terms of Reference of APANPIRG Contributory Bodies	Secretariat

B) Information Papers

<u>Paper No.</u>	<u>Agenda Item</u>	<u>Title</u>	<u>Presented by</u>
IP/1	4	Current MET WG of CNS/MET SG Structure	Secretariat
IP/2	4	Other Regions PIRG Structure	Secretariat
Flimsy	4	Alternative Structure	Australia

— END —