



INTERNATIONAL CIVIL AVIATION ORGANIZATION

**REPORT OF THE THIRTEENTH MEETING OF THE
ASIA/PACIFIC AIR NAVIGATION PLANNING AND IMPLEMENTATION
REGIONAL GROUP
(APANPIRG/13)**

BANGKOK, THAILAND - 9 – 13 SEPTEMBER 2002

The views expressed in this Report should be taken as those of the APANPIRG and not of the Organization. This Report will be presented to the Air Navigation Commission/Council and any formal action taken will be published in due course as a supplement to the Report.

Approved by the Meeting
and published by the ICAO Asia and Pacific Office

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PART I - HISTORY OF THE MEETING

I - HISTORY OF THE MEETING

1.1 Introduction

1.1.1 The Thirteenth Meeting of the Asia/Pacific Air Navigation Planning and Implementation Regional Group (APANPIRG/13) was held in Bangkok, Thailand from 09 to 13 September 2002 at ICAO Asia and Pacific Office.

1.2 Attendance

1.2.1 The meeting was attended by 80 participants from 14 Member States, 10 other Contracting States of the ASIA/PAC Regions and 4 International Organizations.

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. Lalit B. Shah, Regional Director, ICAO Asia and Pacific Office. Mr. Shah stated that Mr. H.S. Khola who was serving the Group as its Chairperson had relinquished this position following his retirement as Director General of Civil Aviation of India during the early part of 2001. Mr. Shah paid tribute to Mr. Khola for having served and guided the Group faithfully with a high degree professionalism and dedication.

1.3.2 Mr. Shah welcomed the newly nominated officials from the APANPIRG member States, in particular the most recent member, Tonga and acknowledged the participation of several other Contracting States of the region who are not members of APANPIRG. He stressed that non-member States of the Asia Pacific region are entitled to participate in the Group's activities with full rights if they so wish.

1.3.3 Mr. Shah paid tribute to the leading States in the region and other key players who have contributed to the work of APANPIRG, its Contributory Bodies and the many Task Forces. Deserving special mention were the Chairmen of the three Sub-Groups whose dedication, commitment and leadership spoke well for the quality work that APANPIRG produced in the Asia Pacific region.

1.3.4 He acknowledged the presence of several Directors General and Chief Executives who were attending APANPIRG/13 thus enhancing the value of the proceedings. With regard to International Organizations, Mr. Shah welcomed the presence of IATA, IFALPA, IFATCA and IBAC. He also welcomed the presence of Mr. Vladimir Zubkov, Chief of Regional Affairs Office of ICAO Headquarters at the meeting.

1.3.5 On a more sombre note, he pointed out that APANPIRG/13 was meeting in the week which was about to mark the first year of a colossal tragedy that befell New York City on 11 September 2001. He requested that prayers and thoughts of the meeting be offered and conveyed to the bereaved families and friends of the many victims of international community. He requested that these sentiments be kindly conveyed by the US delegation.

1.3.6 Mr. Shah also touched on some of the issues that lay ahead such as the 5th World Air Transport Conference, 11th Air Navigation Conference, ICAO's position on WRC-2003, Aerodrome Certification, expansion of the IUSOAP into Annex 11, 13 and 14 and the need to establish the Regional Aviation Safety Management Agency (RASMA).

1.3.7 He underscored the important issue of intensifying efforts in raising States' awareness of air navigation deficiencies identified by PIRGs related to safety. In this context, he informed the meeting that the Secretary-General will be transmitting a State letter, very shortly, to the Ministers of Civil Aviation of the States which are experiencing air navigation deficiencies, urging States to formulate an action plan to eliminate those deficiencies by allocating sufficient resources.

1.3.8 Mr. Shah also took the opportunity to thank the Royal Thai Government, the host country of the Regional Office, for their generous support in the commencement of the new Conference Facility, which is expected to be completed by the end of 2003.

1.3.9 Mr. Shah then invited Mr. Vladimir Zubkov to briefly share some thoughts that may be of interest to the meeting.

1.3.10 Mr. Zubkov made brief remarks along the three lines: reflection on the past, significance of the present and contribution into the future. Talking about what has transpired in the period preceding the meeting he underlined some ANC and Council actions on the outcome of the APANPIRG/12 that may be considered as an indication of the right direction by the Group. In particular, reference was made to the well appreciated work of the APANPIRG contributory bodies which prepare extensive material aimed at improving the planning and implementation of the facilities and procedures. Region's ability to utilize the powers and the potential of the different APAC fora, like the meetings of the Directors General of Civil Aviation and regional preparatory meetings was recognized. It proved to be especially practical in connection with the preparation to the WRCs when aeronautical frequency spectrum protection issue had to be elevated to the higher level.

1.3.11 The significance of the present day was illustrated by the imposing list of the Agenda items to be dealt by the meeting. It was remarked that the Secretariat, on its side, applied innovative ways of preparing the working papers by assuring expert consultations with the relevant Headquarters' Bureaus before the presentation of the documentation to the meeting.

1.3.12 Readiness and contribution to the future was encouraged and a need to prepare a regional input to the 11th Air Navigation Conference was singled out as one of the immediate and imperative tasks of the Regional Group.

1.4 **Election of Chairperson**

1.4.1 Following introduction of the participants, the Regional Director invited the meeting for a nomination to the position of the Chairperson of the Group.

1.4.2 The Chief Executive of the Civil Aviation Authority of Fiji Islands (CAAFI), Mr. Norman Yee proposed Mr. Wong Woon Liong, Director General, Civil Aviation Authority of Singapore (CAAS) for the position of Chairperson of the Group. In proposing, Mr. Yee highlighted the experience, credentials and achievements of CAAS under the leadership of Mr. Wong. The proposal was seconded by the Director General of Civil Aviation, India, Mr. Satendra Singh. The meeting unanimously elected Mr. Wong as the Chairperson.

1.4.3 Mr. Wong, in taking up the chair, thanked Fiji and India for their support and stated that he looked forward to close cooperation and guidance of the Group in carrying out his duties as Chairperson of APANPIRG. He also paid tribute to the excellent work carried out by the previous Chairpersons.

1.4.4 Mr. Wong thanked the ICAO Regional Office for the excellent arrangements made for the meeting.

1.5 **Officers and Secretariat**

1.5.1 Mr.. W.L. Wong, DG, CAA, Singapore as Chairperson of the Group presided over the meeting. Mr.. Lalit B. Shah, ICAO Regional Director, Asia and Pacific Office, was the Secretary of the meeting assisted by Mr. K. W. Cheong, Regional Officer/AGA from the ICAO Asia and Pacific Office. Mr. V. Zubkov, Chief of Regional Affairs Office, ICAO Headquarters, was adviser to the meeting.

1.5.2 The meeting was also assisted by Mr. Shaukat A. Ali, Deputy Regional Director, Mr. H.V. Sudarshan, Regional Affairs Officer, ICAO Headquarters, Mr. D. Ivanov, Regional Officer/MET, Mr. J. E. Richardson, Mr. David Moores and Mr. Hiroshi Inoguchi, Regional Officers/ATM, Mr. K.P. Rimal and Mr. Li Peng, Regional Officers/CNS, Dr. Paul Hooper, Regional Officer/AT, Mr. Roger Mulberge, Regional Officer/FS and Mrs. Rachani Kajiji, Administrative Officer from the ICAO Asia and Pacific Office.

1.6 **Agenda of the meeting**

1.6.1 The Agenda adopted by the meeting was as follows:

- | | |
|---------------|---|
| Agenda Item 1 | Review of Council and ANC actions on APANPIRG/12 Report |
| Agenda Item 2 | ASIA/PAC Air Navigation System and Related Activities |
| 2.1 | ATS/AIS/SAR Matters |
| 2.2 | CNS/MET Matters |
| 2.3 | ATS Co-ordination Groups' Activities |
| 2.4 | Other Air Navigation Matters |
| Agenda Item 3 | CNS/ATM Implementation and Related Activities |
| Agenda Item 4 | Shortcomings and Deficiencies in the Air Navigation Field |
| Agenda Item 5 | Review of Outstanding Conclusions and Decisions of APANPIRG |
| Agenda Item 6 | Develop Future Work Programme |
| Agenda Item 7 | Any other business |

1.7 **Working Arrangements, Language and Documentation**

1.7.1 The Group met as a single body throughout the meeting. The working language of the meeting was English inclusive of all documentation and this Report. Information Papers (IPs) and Working Papers (WPs) presented at the meeting are listed in the Attachment 2 to this Report.

1.8 Conclusions and Decisions - Definition

1.8.1 The APANPIRG records its actions in the form of Conclusions and Decisions with the following significance:

- 1) Conclusions deal with matters which, in accordance with the Group's Terms of Reference, require the attention of States or actions by ICAO in accordance with established procedures; and
- 2) Decisions deal with matters of concern only to the APANPIRG and its contributory bodies.

List of Conclusions and Decisions are given on pages i-6 to i-8.

1.9 Terms of Reference of APANPIRG

1.9.1 The revised Terms of Reference of APANPIRG approved by the Council of ICAO (4th Meeting of its 159th Session on 28 February 2000) are as follows

The objectives of the Group are to:

- a) ensure the continuous and coherent development of the plans for Asia/Pacific Regions and ensure harmonization with global plan and those of adjacent regions;
- b) develop proposals for improvements in the implementation of the ASIA/PAC Air Navigation Plan on the basis of new technological developments;
- c) identify specific problems in the air navigation field and propose in appropriate form, action aimed at solving these problems; and
- d) develop, with due regard to the primacy of safety, business cases for various options taking into account the environmental benefits and the need to facilitate financing of preferred options in planning and implementation of air navigation facilities.

To meet these objectives the Group shall:

- (a) keep under review, and propose when necessary target dates for implementation of facilities, services and procedures. This will ensure the co-ordinated development of the Air Navigation System in the Asia and Pacific Regions;
- (b) assist the ICAO Regional Office providing services in the ASIA and PACIFIC Regions in its assigned task of fostering implementation of the ASIA/PAC Regional Air Navigation Plan;
- (c) monitor developments in the air navigation field and develop proposals for consequential improvements in air navigation in the Asia and Pacific regions;

- (d) review any shortcomings in the Asia and Pacific Regional Air Navigation System and develop recommendations for remedial action;
- (e) originate, as necessary, in co-ordination with affected State, amendments to the Plan for the ASIA/PAC Regions;
- (f) keep under review the Statement of Basic Operational Requirements and Planning Criteria. Recommend to the Air Navigation Commission such changes to them as may be required in the light of developments mentioned in (c); and
- (g) use an appropriate mechanism to prepare cost/benefit analysis and business cases inclusive of environmental assessments and provide related guidance material in support of "prototype" sets of planned facilities and services. The Group may utilize the services of financial institutions, as required, on a consultative basis.

List of Conclusions

- Conclusion 13/1 - Inclusion of phraseologies related to RVSM operations in the ICAO Regional Supplementary Procedures (Doc 7030) for Asia and Pacific Region**
- Conclusion 13/2 - Development of procedures relating to multi-part NOTAM and NOTAM Checks by NOTAM**
- Conclusion 13/3 - Guidance Materials concerning the operating procedures for AIS dynamic data (OPADD) and the use of the Internet for information transfer as Chapters 3 and 4 respectively of the Guidance Manual for AIS in the Asia/Pacific Region**
- Conclusion 13/4 - Survey of State planning to implement lateral offset procedures**
- Conclusion 13/5 - Development of lateral offset procedures for application in the Asia/Pacific Region**
- Conclusion 13/6 - Amendment to the Regional Supplementary Procedures**
- Conclusion 13/7 - Adoption of a regionally protected frequency for Traffic Information Broadcasts by Aircraft (TIBA)**
- Conclusion 13/8 - Contingency Planning**
- Conclusion 13/11 - Amendment to the Table CNS-1A - AFTN Plan**
- Conclusion 13/12 - Need to monitor AFTN circuit performance**
- Conclusion 13/13 - Use of VSAT Technology for AFS**
- Conclusion 13/14 - ATN Documentation Tree**
- Conclusion 13/15 - ASIA/PAC Interface Control Document (ICD) for ATS Message Handling System (AMHS)**
- Conclusion 13/16 - Checklist for Implementation of Ground to Ground ATN Infrastructure**
- Conclusion 13/18 - Revision of the Strategy for Precision Approach and Landing Guidance Systems and the Strategy for the Implementation of GNSS Navigation Capability in the Asia/Pacific Region**
- Conclusion 13/19 - ADS-B Study and Implementation Task Force**

List of Conclusions (Cont'd)

- Conclusion 13/20 - 24 bit aircraft address**
- Conclusion 13/21 - Preparation for World Radio communication Conference – 2003 (WRC 2003)**
- Conclusion 13/22 - ATN related procedures for Basic ANP and FASID**
- Conclusion 13/23 - Process of review and Notification of difference**
- Conclusion 13/24 - SADIS strategic assessment tables**
- Conclusion 13/25 - Regional survey on the States' plans for transition to GRIB and BUFR Coded AFS products**
- Conclusion 13/26 - Amended ASIA/PAC WAFS Transition Plan and Procedures**
- Conclusion 13/29 - Inclusion of SIGMET in VOLMET**
- Conclusion 13/30 - Regional survey on the current status and future plans of States to process the MET component of ADS Reports**
- Conclusion 13/32 - QA MET seminar for ASIA/PAC Region**
- Conclusion 13/34 - Strengthening the Civil/Military Coordination Programme**
- Conclusion 13/35 - Amendment to the Statement of BORPC**
- Conclusion 13/36 - Aerodrome Certification**
- Conclusion 13/37 - Need for Adequate Resources for Traffic Forecasting Groups**
- Conclusion 13/39 - Asia/Pacific Regional Plan for the New CNS/ATM Systems**
- Conclusion 13/40 - Selection of GPS receiver standard for GNSS implementation**
- Conclusion 13/41 - Inclusion of ADS-B on the list of Key Priorities of the CNS/ATM Implementation in the Asia/Pacific Region**
- Conclusion 13/44 - Support for States to establish Safety Management Systems to meet the obligation of Annex 11**
- Conclusion 13/45 - Continuation of the work of the Asia Pacific Airspace Safety Monitoring (APASM) Task Force to develop a Regional Airspace Safety Monitoring Agency (RASMA) for the Asia/Pacific Region**

List of Decisions

- | | |
|-----------------------|---|
| Decision 13/9 | - AIDC Review Task Force |
| Decision 13/10 | - ATS/AIS/SAR Subject/Task List |
| Decision 13/17 | - Revision of the Subject/Tasks List of the ATN Transition Task Force |
| Decision 13/27 | - TORs of ASIA/PAC WAFS Transition Task Force |
| Decision 13/28 | - ASIA/PAC OPMET Exchange Task Force (OPMET/E TF) |
| Decision 13/31 | - ASIA/PAC Volcanic ash Task Force (VATF) |
| Decision 13/33 | - Amendments to the Terms of Reference and the Subject/Tasks List of the CNS/MET Sub-Group |
| Decision 13/38 | - Developing an Asia/Pacific Regional Position for AN-Conf/11 |
| Decision 13/42 | - Inclusion of a table of APANPIRG contributor bodies and associated groups in the APANPIRG report |
| Decision 13/43 | - Amendment to the Terms of Reference of the CNS/ATM//IC/SG |
| Decision 13/46 | - Establishment of a Task Force on Deficiencies in the Air Navigation Field |