

1. Introduction

1.1 The Fourteenth Meeting of the Communications, Navigation and Surveillance/Meteorology Sub-group (CNS/MET SG/14) of Asia/Pacific Air Navigation Planning and Implementation Regional Group (APANPIRG), hosted by Directorate General of Civil Aviation (DGCA), Indonesia was held at Le Meridien Hotel, Jakarta Indonesia, from 19 to 22 July 2010.

2. Attendance

2.1 The meeting was attended by 104 experts from 24 States/Administrations and 2 International Organizations (IATA, IFALPA) and a Telecommunication Service Provider - SITA. A list of participants is at **Attachment 1**.

3. Opening of the Meeting

3.1 The meeting was opened by Ms. Arfiyanti Samad, Secretary Directorate General, on behalf of Mr. Herry Bakti, Director General of Directorate General of Civil Aviation, Indonesia. In her opening remarks, she extended warm welcome to all the participants from States and Industries to Jakarta. She also expressed appreciation to ICAO Regional Director for organizing the meeting in Jakarta. She informed the meeting that Indonesia will be running for the council election during the ICAO Assembly session in 2013 and hope to have supports from the States. She emphasized importance of communication, navigation, surveillance and aeronautical meteorological services for safe, efficient and orderly flow of air traffic and commitment of Indonesia to work in the CNS/MET field together with international entities. She informed meeting that Indonesia has developed new regulations and procedures for communication, navigation and MET services to ensure these services are provided in accordance with ICAO requirements and provisions. She hoped that the CNS/MET services can be improved through use of the existing facilities, procedures and/or through the CNS/ATM system implementation. She encouraged fruitful and productive deliberations.

3.2 Mr. Li Peng, on behalf of Mr. Mokhtar A. Awan, Regional Director, ICAO Asia and Pacific Office extended a warm welcome to the participants and conveyed his warm greetings and best wishes for a successful and productive meeting. He expressed his gratitude to the Government of the Republic of Indonesia for hosting this important meeting at short notice and for the warm hospitality and excellent arrangements made for the meeting. He thanked all the participants for making changes to their travel plan to Jakarta. He highlighted main activities, achievements in CNS and MET fields since last Sub-group meeting. While mentioning the challenges facing, he encouraged cooperation between States who were also urged to continue their support for ICAO position for next ITU World Radio Communications Conference –WRC2012. He further stated that this was the second meeting of the Sub-Group ever held away from the Regional Office with the very first one held in Beijing, China in 1997. He wished for a successful meeting.

3.3 In his opening remarks, Mr. Jeffrey Bollard, Chairman of the CNS/MET Sub-group, welcomed the participants and thanked the Directorate General of Civil Aviation for hosting this meeting. He was pleased to note that a large number of participants attended the meeting. He identified some challenging issues to be addressed and highlighted working methodology of the Sub Group. He encouraged the participants to actively contribute to the deliberations during the meeting.

4. Officers and Secretariat

4.1 Mr. Jeffrey Bollard, Chairman of the Sub-group, presided over the meeting. The newly elected co-chair Dr. Cheng Cho-ming and Mr. Keith Mackersy chaired MET Working Group meeting and Mr. Lo Weng Kee, Vice Chairman of the Sub-group chaired a separate meeting of CNS ad hoc Working Group.

4.2 Mr, Li Peng and Mr. Sujan Saraswati Regional Officers, CNS and Mr. Christopher F. Keohan, Regional Officer, MET, acted as the Secretaries of the meeting.

5. Organization, Working Arrangement, Language and Documentation

5.1 The working language was English inclusive of all documentation and this report. The Sub-group met as a single body on 19 July 2010 to deal with the subjects of common interest in both CNS and MET fields. On other three days the CNS and MET Working Groups met separately to deal with specific tasks including parallel review of report of CNS and MET parts as it was the first time for the meeting having conducted in 4 days.

5.2 A list of Working Papers and Information Papers presented at the meeting is placed at **Attachment 2**.

6. Terms of Reference of the CNS/MET Sub-Group

- 1) Ensure the continuing and coherent development of the ASIA/PAC Regional Air Navigation Plan in the CNS/MET fields in accordance with the Global Air Navigation Plan.
- 2) Review and identify 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 fields of CNS/MET and recommend actions to address those issues.

(Last updated APANPIRG/20, September 2009)

7. Conclusions and Decisions - Definition

7.1 The Sub-groups of APANPIRG record their actions in the form of Draft Conclusions, Draft Decisions and Decisions with the following significance:

- a) Draft Conclusions deal with matters, which, in accordance with the Sub-group's Terms of Reference, require the attention of States or actions by ICAO in accordance with established procedures;
- b) Draft Decisions relate solely to matters dealing with the internal working arrangements of APANPIRG and its contributory bodies; and
- c) Decisions relate solely to matters dealing with internal working arrangement of the Sub-group only.
