



International Civil Aviation Organization

**AERONAUTICAL TELECOMMUNICATION
NETWORK IMPLEMENTATION
COORDINATION GROUP – EIGHTH
WORKING GROUP MEETING (ATNICG WG/8)**

AIRWAYS
NEW ZEALAND

Christchurch New Zealand
28 September – 1 October 2010

Agenda Item 1: Review the Outcomes of APANPIRG/21 and CNS/MET SG/14 on relevant agenda items

**OUTCOME OF CNS/MET SG/14 AND APANPIRG/21 MEETINGS
RELEVANT TO AFS AND AMS**

(Presented by the Secretariat)

SUMMARY

CNS/MET SG/14 was held from 19 to 22 July in Jakarta, Indonesia and APANPIRG/21 was held from 6 to 10 September at Bangkok. This paper presents information on the AFS and AMS relevant outcome of the two meetings.

1. Introduction

1.1 Fourteenth Meeting of the Communication, 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 Meridian Hotel, Jakarta, Indonesia from 19 to 22 July 2010. The meeting was attended by 104 experts from 24 States/Administrations, 2 International Organizations (IATA, IFALPA) and a Telecommunication Service Provider –SITA. Meeting after reviewing the outcome of ATNICG/5 meeting and additional information provided through Working/Information Papers, developed recommendations for the consideration of APANPIRG/21 meeting.

1.2 Twenty first meeting of Asia Pacific Air Navigation Planning and Implementation Regional Group (APANPIRG) was held in Bangkok from 6 to 10 September 2010. The meeting was attended by 114 participants from 23 Member States and 3 International Organizations (IATA, IACA and CANSO). The meeting was chaired by Mr. W.L. Wong, Senior Director, Changi Airport Advisory Group, Civil Aviation Authority of Singapore and Chairman APANPIRG.

1.3 APANPIRG/21 adopted 59 Conclusions, based on the presentations made and the recommendations of the APANPIRG Sub-Groups. Extract of the report on Agenda Item 3.4 (CNS/MET) relevant for Aeronautical Fixed Services (AFS) and Aeronautical Mobile Services (AMS) is placed at the attachment. Full report of the meeting on Agenda Item 3.4 can be accessed on ICAO APAC Office website at the address:

http://www.icao.or.th/apanpirg/apanpirg21/Agenda_Item%203-4rpt.pdf.
APANPIRG reports are protected by password.

2. Discussion

2.1 CNS/MET SG/14 held from 19 to 22 July and the Twenty First meeting of APANPIRG (APANPIRG/21) held from 6 to 10 September 2010, in addition to other items of agenda, reviewed issues related to the implementation and operation of Aeronautical Fixed Services (AFS) and Aeronautical Mobile Services (AMS). Some of the items discussed in the two meetings are being reviewed below:

ICAO Asia/Pacific Seamless ATM Workshop

2.2 46th Conference of Directors General of Civil Aviation (DGCAs), Asia and Pacific Regions was held in Osaka, Japan from 12 – 16 October 2009. 215 delegates from 34 States/Administrations and 5 International Organizations attended the Conference. Action Items 46/6 developed by the Conference on Seamless Sky – ATM was further discussed in CNS/MET SG/14 and APANPIRG/21 meetings and it was informed that ATM/AIS/SAR SG/20 had developed a draft Conclusion inviting ICAO to convene a Workshop for planning the future ATM systems in early 2011. The draft Conclusion was adopted by the APANPIRG/21 meeting.

ATNICG/5 Meeting

2.3 Meeting was presented a report on the outcome of the Fifth Meeting of ATNICG (ATNICG/5) held in Kuala Lumpur, Malaysia from 31 May to 4 June 2010 along with the recommendations of CNS/MET SG/14. Draft Conclusions/Decisions developed by ATNICG/5 and recommended by CNS/MEG SG/14 were adopted by APANPIRG as they were without any modifications. APANPIRG also adopted the amended Subject/Tasks list for ATNICG developed by ATNICG and recommended by CNS/MET SG. Full report of the meeting is available on the ICAO APAC office website and can be accessed on the address <http://www.icao.or.th/meetings/2010/atnicg5/ATNICG5rpt.pdf>. Outcome of ATNICG/5 is being presented in this meeting through a separate paper also. CNS/MET SG and APANPIRG complemented Directorate General of Civil Aviation, Malaysia for hosting ATNICG/5.

Pan-Regional ICD for AIDC

2.4 Meeting noted that NAT SPG had agreed to the development of Pan-regional ICAO guidance material for oceanic AIDC ICD based on the current AIDC ICD (Version 3.0) adopted by APANPIRG and the latest AIDC ICD used in the NAT Region. It was agreed that task of harmonizing the NAT and APAC AIDC ICDs should be advanced in accordance with the principles, which have been detailed in para 3.4.22 of the Attachment. Meeting did not agree to the naming of the document as “Pan-regional ICD for Oceanic AIDC” as recommended by NAT SPG and adopted Conclusion 21/26 recommending to name the document as “Pan-regional ICD for AIDC”, since the APAC AIDC ICD applies to all the airspace including ATS units and ATM systems serving oceanic, continental and regional airspace and is not restricted to oceanic airspace only.

2.5 To facilitate the States in implementing AIDC in their administrations, Seminar on ‘ATS Inter-facility Data Communication (AIDC) Implementation’ is being conducted on 12 and 13 October 2010 at Bangkok. The seminar will be addressed by the invited experts from the States, which have already implemented AIDC and from industry and it will provide a platform for the States to exchange information and experiences related to implementation and operation of AIDC. Meeting is urged to recommend large participation by the States to get AIDC implementation related information.

Network Incompatibility Issues

2.6 USA proposed a possible solution to mismatch of networks based on using applications to overcome the network incompatibility issues. Usage of Extensible Markup Language (XML) for transmission of OPMET data, usage of public internet for accessing ATS Messaging Management Centers (AMCs), the World Area Forecast System (WAFS) Internet File Server, Virtual Private Network (VPN) over public internet etc. are some of the diverse systems which are proposed to be used in future. USA also informed about the proposed XML trials over AMHS planned between Hong Kong China, USA and Singapore. Some additional recommendations were also made about the communication systems for future.

3. Recommended Actions

- a) The meeting is invited to note the outcome of ATNICG/5 meeting;
- b) The meeting is also invited to note information provided regarding AIDC implementation seminar to be held in ICAO APAC Office on 12 and 13 October 2010 and urge all the States in the region to participate in that to gain information on issues related to the implementation of AIDC; and
- c) To note information provided by USA promoting solutions based on applications to avoid network incompatibilities and invite USA to provide information on the outcome of the XML trials conducted.
