



International Civil Aviation Organization

**NINTH MEETING OF THE
COMMUNICATIONS/NAVIGATION/SURVEILLANCE AND
METEOROLOGY SUB-GROUP OF APANPIRG
(CNS/MET SG/9)**

Bangkok, Thailand, 11–15 July 2005

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- Agenda Item 2:** **Review**
 2) **relevant action items of the 41st DGCA Conference related
 to CNS/MET systems**
- Agenda Item 7:** **Aeronautical electromagnetic spectrum utilization:**
 2) **review preparations for WRC-2007.**

ACTION ITEMS OF THE 41st DGCA CONFERENCE

(Presented by the Secretariat)

SUMMARY

This paper provides outcome of 41st DGCA Conference on ADS-B, which held in Hong Kong, China from 1-5 November 2004 in the CNS/MET fields for review.

1. INTRODUCTION

1.1 The 41st Conference of Directors General of Civil Aviation (DGCAs), Asia and Pacific Regions was held in Hong Kong, China from 1-5 November 2004. The Conference was attended by 175 delegates from 36 States/Administrations and 4 International Organizations. The Action Items developed by the meeting are listed in Attachment to this paper.

1.2 The Conference discussed several issues in the CNS and MET fields and formulated four action items, which are presented below.

1.3 The 42nd DGCA Conference will be held from 26 to 30 September 2005 at Gold Coast, Brisbane, Australia. The theme subject for the Conference is "*Challenges and Opportunities: Working together to manage growth, change and emerging environment*". The meeting may wish to propose issues in the CNS and MET fields to be brought to the attention of the 42nd DGCA Conference.

2. DISCUSSION

Deficiencies

2.1 The Conference reviewed the status of air navigation deficiencies identified by the APANPIRG. The Conference strongly urged States to resolve deficiencies and developed the following Action Item:

Action Item 41/2 Recognizing the adverse impact on safety, efficiency and regularity of air transport, the Conference strongly urged all States to take appropriate measures and fully cooperate in the resolution of Deficiencies on a high priority basis as requested by APANPIRG.

Preparations for World Radiocommunication Conference 2007 (WRC-2007)

2.2 The meeting reviewed a paper presented by the ICAO Secretariat, which provided the regional preparation work for WRC2007. The following action item aimed at initiating actions for timely preparation for WRC-2007 has been formulated:

Action Item 41/3 *The Conference strongly urged States to:*

- a) nominate a focal point of contact responsible for preparation for WRC 2007 and provide the details to ICAO, if they have not already done so; and*
- b) ensure active participation by aviation representatives at national and regional level discussions and to the extent possible incorporate ICAO position in the States position pertaining to spectrum protection paper to APT preparatory meetings and at WRC 2007*

ADS-B

2.3 In discussing working papers presented by Australia, USA and ICAO Secretariat on ADS-B, the Conference noted that this technology represented a quantum leap in air traffic control management, bringing with it significant safety benefits to the industry such as increased situational awareness as well as economic benefits to the traveling consumers. It would change the way in which air navigation had hitherto been carried out.

2.3.1 It was noted that APANPIRG had identified ADS-B as one of the important projects in the region and had been actively pursuing its implementation. The operational benefits have been recognized and it is expected that ADS-B would be widely accepted in the Asia/Pacific region. In order to enhance the regional coordination of the ADS-B implementation issues, the Conference agreed on the following Action Item :

Action Item 41/5 *The Conference urged States which have not done so, to designate a focal point of contact responsible for coordinating, planning and implementation of ADS-B in each administration and provide contact details to the ICAO Asia and Pacific Regional Office.*

Enhance Cooperation in the provision of meteorological services

2.4 The Conference was presented with a paper by the ICAO Secretariat highlighting common problems in the provision of safety-related meteorological services by the Asia/Pacific States, such as, the advisories and warnings for tropical cyclones and volcanic ash, the implementation of the World Area Forecast System (WAFS), and the development of national cost-recovery schemes for the meteorological services.

2.5 The Conference recognized that the successful implementation of the ICAO provisions related to the meteorological services by the States was highly dependent on the level of cooperation and collaboration between the national civil aviation authorities, the meteorological authorities/providers and other agencies involved in the collection and dissemination of safety-related environmental information. The Conference agreed that the issues presented were of high importance and formulated following Action Item:

Action Item 41/4 *Recognizing the importance of the provision of safety-related meteorological services to international air navigation, the Conference urged States to:*

- a) enhance the cooperation between their civil aviation administrations, meteorological authorities/providers and other relevant organizations; and*
- b) consider signing appropriate letters of agreement (LOA) between these organizations/institutions, as an effective measure in enhancing the cooperation at national level.*

3. ACTION BY THE MEETING

3.1 The meeting is expected to:

- a) note the Action Items developed by the 41th DGCA conference: and
- b) propose CNS/MET issues to be brought to the attention of the 42nd DGCA Conference.

**41st Conference of Directors General of Civil Aviation
Asia and Pacific Regions**

LIST OF ACTION ITEMS ARISING FROM THE 41ST CONFERENCE

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| Action Item 41/1 | Recognizing the value of partnerships in promoting effective oversight of safe, secure and efficient international air transport, the Conference strongly urged States to reiterate their commitment to the existing partnership mechanisms. |
| Action Item 41/2 | Recognizing the adverse impact on safety, efficiency and regularity of air transport, the Conference strongly urged all States to take appropriate measures and fully cooperate in the resolution of Deficiencies on a high priority basis as requested by APANPIRG. |
| Action Item 41/3 | <p>The Conference strongly urged States to:</p> <ul style="list-style-type: none">a) nominate a focal point of contact responsible for preparation for WRC 2007 and provide the details to ICAO, if they have not already done so, andb) ensure active participation by aviation representatives at national and regional level discussions and to the extent possible incorporate ICAO position in the States position pertaining to spectrum protection paper to APT preparatory meetings and at WRC 2007 |
| Action Item 41/4 | <p>Recognizing the importance of the provision of safety-related meteorological services to international air navigation, the Conference urged States to:</p> <ul style="list-style-type: none">a) enhance the cooperation between their civil aviation administrations, meteorological authorities/providers and other relevant organizations; andb) consider signing appropriate letters of agreement (LOA) between these organizations/institutions, as an effective measure in enhancing the cooperation at national level. |
| Action Item 41/5 | The Conference urged States which have not done so, to designate a focal point of contact responsible for coordinating, planning and implementation of ADS-B in each administration and provide contact details to the ICAO Asia and Pacific Regional Office. |
| Action Item 41/6 | Recognizing the ICAO provisions on implementing Safety Management Systems, the Conference urged all Administrations in the Asia Pacific Region to fully support the APANPIRG Regional Airspace Safety Monitoring Advisory Group (RASMAG). |

- Action Item 41/7** Bearing in mind the Assembly Resolution A35-10 and recognizing the need to ensure effective implementation of ICAO's Plan of Action on Aviation Security, the Conference urged States to provide voluntary contributions to the Enhanced AVSEC Mechanism.
- Action Item 41/8** Recognizing the valuable contribution of new technologies in improving security and facilitation, the Conference urged States to actively participate in an Asia/Pacific Regional seminar to be convened by ICAO in 2005 on Machine Readable Travel Documents, Biometric identifiers, and Radio Frequency Identification.
- Action Item 41/9** Recognizing that the International Air Services Transit Agreement (IATA) is a cornerstone of multilateralism in international air transport, the Conference urged Administrations of those States that are not signatories to the IATA to take the necessary actions to ratify the Agreement.
- Action Item 41/10** Acknowledging the extensive activities carried out by the COSCAP programmes in the Region and their benefits to the States and Industry partners and also acknowledging the establishment of Pacific Aviation Safety Office (PASO) and the Cooperative Aviation Security Programme – Asia/Pacific (CASP-AP); and bearing in mind the thrust of Assembly Resolution A35-7 stressing regional and sub-regional approaches, the Conference strongly urged all partners to continue extending full support to ensure sustainability of these cooperative arrangements.