



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

PROVISIONAL AGENDA

- Agenda Item 1:** Adoption of provisional agenda
- Agenda Item 2:** Review follow-up action on:
- 1) report of CNS/MET SG/8 and APANPIRG/15 meetings
 - 2) relevant action items of 41st DGCA Conference
 - 3) Key Priority for CNS/ATM Implementation
- Agenda Item 3:** Aeronautical Fixed Service:
- 1) review report of Seventh Meeting of ATN Transition Task Force
- Agenda Item 4:** Aeronautical Mobile Service:
- 1) review report of AMS Datalink Study Task Force meeting
 - 2) review air-ground communication system
- Agenda Item 5:** Navigation:
- 1) review strategies for Precision Approach and Landing Guidance Systems and GNSS Implementation
 - 2) review States' input on amendment to FASID Table CNS-3 Radio Navigation Aids
 - 3) implementation of GNSS approach with Vertical Guidance (APV)
- Agenda Item 6:** Surveillance:
- 1) review report of Third ADS-B Study and Implementation Task Force
 - 2) review surveillance systems
 - 3) review FASID Table CNS-4- Surveillance Systems
- Agenda Item 7:** Aeronautical electromagnetic spectrum utilization:
- 1) review preparations for WRC-2007
 - 2) result of Second APT Regional Preparatory Group meeting

- Agenda Item 8:** Implementation of WAFS:
- 1) review implementation of ISCS and SADIS
 - 2) review transition to GRIB and BUFR coded WAFS products
- Agenda Item 9:** Exchange of OPMET Information:
- 1) review report of OPMET/M TF/3 meeting
 - 2) regional planning for BUFR coded OPMET information
- Agenda Item 10:** ICAO Warning Systems:
- 1) review implementation of International Airways Volcano Watch (IAVW)
 - 2) review implementation of tropical cyclone watch
- Agenda Item 11:** Quality assurance in the MET field
- 1) review preparations for the ASIA/PAC QMS seminar
- Agenda Item 12:** MET support for operations at aerodromes and terminal areas
- Agenda Item 13:** Review CNS/ATM systems planning and implementation:
- 1) CNS related issues
 - 2) MET related issues
 - 3) Inter-disciplinary issues
- Agenda Item 14:** Review of deficiencies in the CNS and MET fields:
- 1) Status of CNS deficiencies (APANPIRG Deficiency List)
 - 2) Status of MET deficiencies (APANPIRG Deficiency List)
 - 3) Coordination with RASMAG and USOAP
- Agenda Item 15:** Regional Contingency Planning in the CNS and MET fields
- Agenda Item 16:** Future Work Programme
- Agenda Item 17:** Any other business

EXPLANATORY NOTES TO THE PROVISIONAL AGENDA

Agenda Item 1: Adoption of the agenda

Agenda Item 2: Review follow-up actions on:

1) reports of CNS/MET SG/8 and APANPIRG/15 meetings

The meeting will review actions taken by APANPIRG/15 and the ANC and the Council on the draft Conclusions and Decisions formulated by the CNS/MET SG/8. The meeting will also review the status of the follow-up actions taken by States and Secretariat on the Conclusions/Decisions adopted by APANPIRG/15.

2) relevant action items developed by the 41st DGCA Conference

The meeting will review action items formulated by 41st DGCA Conference with relevance to the CNS/MET field and the follow-up action taken by States in order to identify the need for further action by the CNS/MET Sub-Group.

3) Key Priority for CNS/ATM implementation

The meeting will review and update the list of Key Priority items in the CNS/MET fields.

Agenda Item 3: Aeronautical Fixed Service

1) review report of Seventh Meeting of ATN Transition Task Force

The meeting will review the report and endorse the draft Conclusions/Decisions formulated by the Task Force, followed by discussion on the implementation of AMHS addressing scheme and the strategy for implementation of ground-ground element of ATN. The meeting is also expected to review proposals for dissolution of the Task Force and establishment of an implementation coordination Group. The report of the meeting has been posted in the ICAO website.

Agenda Item 4: Aeronautical Mobile Service

1) review report of AMS Datalink Study Task Force meeting:

Based on the report of the Task Force, the meeting will review the air-ground communication systems, discuss and identify guidelines for the implementation of air-ground data communications. The meeting is expected to endorse the draft Conclusion and adopt the draft Decision formulated by the Task Force. The report of the meeting has been posted in the ICAO website.

Agenda Item 5: Navigation:

1) review strategies for Precision Approach and Landing Guidance Systems and GNSS Implementation:

The meeting will review and update the strategies and discuss actions towards their implementation.

2) review States' input on amendment to FASID Table CNS-3 Radio Navigation Aids

The meeting will review and update FASID Table CNS-3 with expected input from the participants, and formulate a draft Conclusion to amend the regional air navigation plan in accordance with the established procedure.

3) implementation of GNSS Approach with Vertical Guidance (APV):

The result of AN-Conf/11 will be reviewed followed by discussion on the implementation of GNSS APV.

Agenda Item 6: Surveillance:

1) review report of Third ADS-B Study and Implementation Task Force:

The meeting will review the report of the Task Force and endorse relevant draft Conclusions. The report of the meeting has been posted in the ICAO website.

2) review surveillance systems

The meeting is expected to exchange views on the development of regional strategy for surveillance systems.

3) review FASID Table CNS-4- Surveillance Systems

The meeting will review FASID Table CNS-4 as updated by the ADS-B Task Force and formulate a draft Conclusion to amend the regional air navigation plan in accordance with the established procedure.

Agenda Item 7: Aeronautical electromagnetic spectrum utilization

1) review preparations for WRC-2007

The meeting will review the results of the regional preparatory meeting and the ACP WG F meeting and note action taken by the ANC thereon.

2) result of Second APT Regional Preparatory Group meeting

Review the result of the Second APT Preparatory Group Meeting for WRC-2007 (APG 2007/2) and plan for the third meeting.

Agenda Item 8: Implementation of WAFS:

1) review implementation of ISCS and SADIS

The meeting will be presented with updated information on the status of implementation of the ICAO satellite broadcasts in the Asia/Pacific region. The results of the SADISOPSG/10 meeting will be presented and the meeting will take action on draft conclusions relevant to the PIRGs.

2) review transition to GRIB and BUFR coded WAFS products

The meeting will review the implementation of the WAFS in the region and the results of the second meeting of the WAGFSOPSG with emphasis on the issues relevant to the PIRGs. Issues related to the transition to GRIB and BUFR coded WAFS products will be addressed. The meeting is expected to review and update the ASIA/PAC WAFS Implementation Plan.

Agenda Item 9: Exchange of OPMET Information:

1) review report of OPMET/M TF/3 meeting

The meeting will review the report of the third meeting of the OPMET Management Task Force and endorse the action plan proposed by the group. Updates to the regional guidance material (ROBEX Handbook and ASIA/PAC ICD) will be presented. The participants are expected to present up-to-date information on any operational changes and new requirements for OPMET information.

2) regional planning for BUFR coded OPMET information

The meeting will review the proposals by the OPMET/M Task Force in regard to the regional planning of the transition to BUFR-coded OPMET information. Participants are expected to provide updated information on national plans in this respect.

Agenda Item 10: ICAO Warning Systems:

1) review implementation of International Airways Volcano Watch (IAVW)

The meeting will discuss issues related to the issuance and distribution of volcanic ash advisories by the ASIA/PAC VAACs and volcanic ash SIGMETs by the MWOs. The results of the SIGMET tests conducted in the region will be presented and the planning for future tests will be addressed. The meeting will also review the relevant parts of the regional ANP. The status and work programme of the VA/TC Implementation Task Force will be reviewed and updated.

2) review implementation of tropical cyclone watch

Same as above with reference to the tropical cyclone advisories and warnings.

Agenda Item 11: Quality assurance in the MET field

1) review preparations for the ASIA/PAC QMS seminar

The meeting will be updated regarding the preparations for the regional seminar on Quality Management Systems for aeronautical meteorological services.

Agenda Item 12: MET support for operations at aerodromes and terminal areas

The participants are expected to present information pertinent to the development of products and procedures for provision of meteorological service for the aerodromes and terminal areas.

Agenda Item 13: Review CNS/ATM systems planning and implementation

1) CNS related issues

The meeting is expected to review and endorse the proposed changes to Regional Plan for new CNS/ATM System developed by ADS-B Task Force regarding surveillance system. The meeting is also expected to endorse the proposed change to the Basic Operational Requirement and Planning Criteria (BORPC) with respect to ADS-B.

2) MET related issues

Development and implementation of meteorological applications related to the CNS/ATM systems, such as data link applications for uplink and downlink of meteorological information, will be reviewed.

3) Inter-disciplinary issues

The tentative programme for the planned MET/ATM coordination seminar, prepared by the METATM Task Force, will be reviewed and proposed for endorsement.

Agenda Item 14: Review of deficiencies in the CNS and MET fields

1) Status of CNS deficiencies (APANPIRG Deficiency List)

The meeting will review the status of the CNS deficiencies. The regional supplementary procedure for identification and rectification of the deficiencies in the CNS fields will be discussed to ensure compliance of the procedure.

2) Status of MET deficiencies (APANPIRG Deficiency List)

Same as above with reference to the deficiencies in the MET field.

3) Coordination with RASMAG and USOAP

Review the development and requirement of RASMAG and USOAP and address identified deficiencies in the CNS/MET fields.

Agenda Item 15: Regional Contingency Planning in the CNS and MET fields

The participants are expected to share ideas and experiences in developing and implementing contingency arrangements for the provision of CNS and MET services during crises situations, due to natural disasters or other causes, with the view of developing regional guidance.

Agenda Item 16: Future Work Programme

Under this agenda item the meeting is expected to update the Subject/Tasks List of the Sub-Group and to propose dates and venue for the tenth meeting of the Sub-Group.

Agenda Item 17: Any other business

Discuss any other business proposed by the meeting that is not covered in the above agenda items.
