



International Civil Aviation Organization

Sixth Meeting of CNS/MET Sub-Group of APANPIRG

Bangkok, Thailand, 15 – 19 July 2002

Agenda Item 1: Review

- a) Terms of Reference and Subject /Tasks List of the CNS/MET/SG
- b) Status of actions on the report of the CNS/MET/SG/5 Meeting

ACTION ON DECISIONS/CONCLUSIONS OF CNS/MET/SG/5 MEETING

(Presented by the Secretariat)

SUMMARY

This paper reviews actions taken by the APANPIRG/12 Meeting, ANC/Council, States and the Secretariat on the Decisions and Conclusions formulated by the CNS/MET/SG/5 Meeting.

1. INTRODUCTION

1.1 The Twelfth Meeting of APANPIRG held in Bangkok from 20-24 August 2001 took action on the Decisions and Conclusions formulated by the Fifth Meeting of the CNS/MET Sub-Group held in Bangkok from 16 to 20 July 2001. Subsequently, the ANC and Council completed actions on APANPIRG/12 report on 1 March 2002.

2. DISCUSSION

2.1 Actions taken by the ANC and the Council on the Decisions and Conclusions of APANPIRG/12 Meeting in CNS and MET fields are indicated in a tabular form in Attachments 1 and 2 respectively. Actions taken by States and the Secretariat are also shown in the Attachments.

3. ACTION BY THE MEETING

3.1 The meeting is expected to review the Attachments 1 and 2 and take appropriate actions, as required.

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Actions Taken on Decision/Conclusions of
CNS/MET Sub-Group in the CNS Field**

Attachment 1 - 1
CNS/MET/SG/6-WP/4

Report Ref. Deci./Concl. of Sub-Group	Report Ref. Deci./Concl. No.	Action Taken by Council	Decision/Conclusion/Action Taken	Action Taken by States/ICAO
D. Concl.5/3	Concl. 12/12		Conclusion 12/12 - Need to monitor AFTN circuit performance That, States concerned closely monitor performance of the following AFTN circuits and coordinate upgrading the circuits capacity, in accordance with the AFTN plan. 1. Manila/Singapore 2. *Nadi/Apia Faleolo 3. Mumbai/Colombo 4. Christchurch/Papeete 5. Mumbai/Nairobi 6. Hong Kong/Manila 7. Kuala Lumpur/Chennai 8. Colombo/Singapore 9. Tokyo/Singapore 10. Colombo/Male *the Apia Faleolo/Nadi AFTN circuit will be rerouted by Apia Faleolo/USA upon approval of the amendment proposal to ASIA/PAC ANP.	States concerned were requested to monitor loading condition and upgrade circuit capacity as specified in Table CNS-1A AFTN Plan. Consequently, - Manila/Singapore - upgraded to 300 baud; - Nadi/Apia - reconfigured to Apia/USA and planned for implementation on 26 June 2002; - Mumbai/Colombo - planned for upgrading to 2400 bps in 07/02; - Christchurch/Papeete - upgraded to 2400 bps; - Hong Kong/Manila – upgraded to 300 baud; - Kuala Lumpur/Chennai – upgrading planned for 07/02; - Colombo/Singapore – upgrading planned for 12/02; - Tokyo/Singapore – upgrading planned for 12/02; - and - Colombo/Male – upgrading planned for 06/02.
D. Concl.5/4	Concl. 12/13		Conclusion 12/13– Regional ATN Planning Documents That, the ASIA/PAC ATN ATS Message Handling System Plan, ATN Addressing Plan, ATN Network Service Access Point (NSAP) Address Registration Form and ATN Routing Architecture Plan be adopted and circulated to States in the ASIA/PAC and adjacent regions.	The ATN Planning Documents were published and distributed to States in ASIA/PAC region and adjacent regions.

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D.Concl. 5/5	Concl. 12/14	ANC	Conclusion 12/14 – ATN Transition Plan That, the ASIA/PAC ATN Transition Plan provided in Appendix A to the report on Agenda Item 2.2 be adopted and the ASIA/PAC ATN Router Plan contained in Table CNS-1B be included in PART IV- CNS of ASIA/PAC FASID. Noted the Conclusion and requested the Secretary General to monitor related developments in other regions.	Editorial changes were made to the plan and presented to the ATN Transition Task Force. A proposal for amendment to the FASID is being processed.
D. Deci. 5/6	Deci. 12/15		Decision 12/15– Amendment of the Subject/Tasks List of the ATN Transition Task Force That, the updated Subject/Tasks List of the ATN Transition Task Force provided in Appendix B to the report on Agenda Item 2.2 be adopted.	The changes adopted by APANPIRG included in the Subject/Tasks List of the Task Force and presented to the Fourth Meeting of the Task Force to note and to take appropriate action.
D.Concl. 5/10	Concl. 12/16		Conclusion 12/16 - Strategy for the Provision of Precision Approach and Landing Guidance System That, the Strategy for the Provision of the Precision Approach and Landing Guidance System provided in Appendix C to the report on Agenda Item 2.2 be adopted.	The strategy was brought to the attention of States for compliance.

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Attachment 1 - 3
CNS/MET/SG/6-WP/4

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D. Concl. 5/8	Concl. 12/17		Conclusion 12/17 - Strategy for the Implementation of GNSS Navigation Capability in the ASIA/PAC Region That, the Strategy for the Implementation of GNSS in the ASIA/PAC Region provided in Appendix D to the report on Agenda Item 2.2 be adopted.	The strategy was brought to the attention of States for compliance.
D. Concl. 5/9	Concl. 12/18	ANC	Conclusion 12/18 – Checklist for GNSS Implementation That, the Checklist for introduction of GNSS based operations contained in Appendix E to the report on Agenda Item 2.2 be circulated to States in the ASIA/PAC region to serve as a guidance material. Noted the Conclusion and requested Secretary General to monitor related developments in other regions to harmonize GNSS-based operation.	The checklist was provided to States for their use in planning and implementing GNSS as per the strategy adopted by APANPIRG.
D. Concl. 5/10	Concl. 12/19		Conclusion 12/19 – Protection of Aeronautical Frequency Spectrum That States: a) assign high priority to the aeronautical spectrum management; b) participate in the development of States' position for WRCs at the national level to ensure support to ICAO position;	ICAO Position was presented to the APT Preparatory Group Meetings for WRC-2003. The conclusion was brought to the attention of States to take appropriate action. List of CAA and APT contact points were provided to States. APT Meeting schedules were also provided to States with a request to participate at APT Meetings.

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		C	c) ensure, to the extent possible that, aviation representatives are included in States delegation to the Asia-Pacific Telecommunity (APT) Conference Preparatory Group meetings and at WRCs; and d) ensure participation of designated focal point or contact person at the Regional Preparatory Group Meeting for WRC-2003 to be held from 15 to 16 November 2001 followed by the AMCP WG-F Meeting to be held from 19-27 November 2001 in Bangkok and attendance at APTAPG Meetings and WRC 2003. Noted the Conclusion and requested the Secretary General to continue to encourage States to participate at various levels in different fora to provide support for the ICAO Position at forthcoming WRC-2003	The Regional Preparatory Group Meeting was held as scheduled. The AMCP WG-F was hosted and several designated contact persons attended both meetings.
Deci. 5/24			Decision 5/24 - Establishment of ANP/FASID Review Working Group A Working Group consisting of members from Australia, China, Hong Kong China, Japan, Singapore, Thailand and USA is established to review the Regional Procedures contained in Part IV of the Basic ANP and FASID with a view to include CNS/ATM related materials in CNS part. The review should take into account all relevant Conclusions of APANPIRG, the Global Air Navigation Plan for the CNS/ATM Systems and the ASIA/PAC Regional Plan for the New CNS/ATM Systems. The result should be presented to the next meeting of the Sub-Group in 2002.	The Working Group completed its tasks and the result was reviewed by the ATN Transition Task Force at its fourth meeting held in April 2002. The details are contained in the report of the Task Force provided in WP/2.

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Actions Taken on Decision/Conclusions of
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Attachment 1 - 5
CNS/MET/SG/6-WP/4

Report Ref. Deci./Concl. of Sub-Group	Report Ref. Deci./Concl. No.	Action Taken by Council	Decision/Conclusion/Action Taken	Action Taken by States/ICAO
D. Deci 5/1	Deci. 12/37		Decision 12/37 - Amendments to the Subject/Tasks List of the CNS/MET Sub-Group That, the updated Subject/Tasks List of the CNS/MET Sub-Group presented in Appendix V to the report on Agenda Item 2.2 be adopted.	The amended Tasks List is provided in WP/3 to note and to take appropriate action.
D. Deci. 5/2	Concl. 12/45		Conclusion 12/45– Key Priorities for CNS/ATM Implementation That, the updated key priorities for CNS/ATM implementation at Appendix E to the Report on Agenda Item 3 be adopted.	The list of Key Priorities was brought to the attention of States and related Task Force to plan implementation.

**Sixth Meeting of CNS/MET/Sub-Group of APANPIRG
Action Taken on Decision/Conclusion of
CNS/MET Sub-Group in the MET Field**

Attachment 2 - 1
CNS/MET/SG/6-WP/4

ACTIONS TAKEN ON DECISIONS/CONCLUSIONS OF CNS/MET SUB-GROUP IN MET FIELD

Report Ref. Deci./Concl. of Sub-Group	Report Ref. Deci./Concl. No.	Action Taken by Council	Decision/Conclusion/Action Taken	Action Taken by States/ICAO
D. Concl. 5/11	Concl. 12/20		Conclusion 12/20 – Requirement for a new WAFS area of coverage “M” That, a) The ASIA/PAC ANP be amended to include under the WAFS a new area of coverage “M” (FASID Chart MET 7) as shown in Appendix G to the Report on Agenda Item 2.2; and b) FASID Table MET 5 and MET 6, as developed by APANPIRG/11, be amended to include requirement for SWH prepared by the WAFS Washington for the new WAFS area of coverage “M” as given in Appendices H and I to the Report on Agenda Item 2.2.	Proposal for Amendment of FASID circulated to States.
D. Concl. 5/12	Concl. 12/21		Conclusion 12/21 – SADIS strategic assessment tables That, the ASIA/PAC SADIS strategic assessment tables, as given in Appendix J to the Report on Agenda Item 2.2, be adopted and forwarded to the SADISOPSG for planning the future SADIS bandwidth requirements.	The subject matter was discussed by the SADISOPSG/7.
D. Concl. 5/13	Concl. 12/22	C	Conclusion 12/22 – GRIB Training Workshop That, the SADIS Provider State be invited to arrange for a GRIB training workshop, in co-ordination with ICAO, WMO and other States as necessary, in the ASIA/PAC Regions in 2002. <i>Noted the conclusion and requested the Secretary General to invite SADIS Provider state to hold this workshop in coordination and WMO.</i>	Coordination is undergoing with the UK. The workshop is planned to hold by the end of 2002.
D. Concl. 5/14	Concl. 12/23		Conclusion 12/23 – WAFS Area of Coverage “E” That, ICAO be invited to consider extending the WAFS area of coverage “E” to the north up to 45°N to cover northern part of Japan.	The new “E” chart has been launched by WAFS London in November 2001.

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D. Concl. 5/15	Concl. 12/24		Conclusion 12/24 – Amended ASIA/PAC WAFS Transition Plan and Procedures That, the ASIA/PAC WAFS Transition Plan and Procedures be amended as shown in Appendix K to the Report on Agenda Item 2.2 to reflect considerable progress in transition to the final phase of WAFS in the regions.	Chairman of the ASIA/PAC WAFS Transition Task Force made the necessary changes
Deci. 5/16			Decision 5/16 – ASIA/PAC WAFS Transition Task Force That, the Work Programme for the ASIA/PAC WAFS Transition Task Force be agreed as given in Appendix V to this report.	The agreed Work Programme of the ASIA/PAC WAFS Transition Task Force is being implemented.
D. Concl. 5/17	Concl. 12/25		Conclusion 12/25 – Application of EUR OPMET update procedure in the ASIA/PAC Regions That, the procedure similar to the EUR OPMET update procedure be developed and introduced in the ASIA/PAC Regions.	The procedure is to be developed by the OPMET Exchange Working Group.
D. Concl. 5/18	Concl. 12/26		Conclusion 12/26 – Tropical cyclone advisories with the data designator “FK”. That, the TCACs Honolulu, Miami, New Delhi, Darwin, Nadi and Tokyo, designated to provide the service in the ASIA/PAC Regions, issue the advisories using the data designator “FK” and ensure the routing of these bulletins to aviation users and London Centre for uplink to the SADIS broadcast. <i>Note : Requirement for Honolulu TCAC in the ASIA/PAC Regions is covered by Conclusion 12/33 formulated by the meeting.</i>	Implemented by Tokyo TCAC. Other TCACs have been notified through WMO Tropical Cyclone regional bodies.
	Concl. 12/27	C	Conclusion 12/27 – Composition of the SADISOPSG That, the composition of the SADISOPSG be reviewed to replace the members representing States not participating in the cost recovery and hence not receiving the SADIS broadcast. <i>Noted the conclusion and its relationship to the SADIS mandatory cost-recovery scheme.</i>	China designated a member for SADISOPSG in replacement to member from Singapore.

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D. Concl. 5/19	Concl. 12/28		Conclusion 12/28 – Proposal for amendment of ICAO SUPPS, Doc 7030/4 That, Regional Supplementary Procedures, ICAO Doc 7030/4, MID/ASIA and PAC, Part 3 – Meteorology – Aircraft Observations and Reports, be amended as shown in Appendix M to the Report on Agenda Item 2.2.	Proposal for Amendment of the regional SUPPs circulated to states.
D. Concl. 5/20	Concl. 12/29		Conclusion 12/29 – Gia Lam Meteorological Watch Office (MWO) That, a) FASID Table MET 1B of the ASIA/PAC ANP be amended to delete requirement for Hanoi and Ho Chi Minh MWOs and to add requirements for Gia Lam MWO; and b) Consequential amendments be made to FASID Table MET 2A, renamed as FASID Table MET 2B, FASID Table 3, Part I and Part II, renamed as FASID Tables 3A and 3B, accordingly.	Proposal for Amendment of FASID circulated to States.
D. Concl. 5/21	Concl. 12/30	C	Conclusion 12/30 – Operation of the VAACs That, ICAO consider the proposal to amend Annex 3, and the Handbook on the IAVW – Operational Procedures and Contact List, Doc 9766 accordingly, that each VAAC should operate on a 24-hour basis. <i>Noted the conclusion and requested the secretary General to develop proposals for amendment of Annex 3 and Doc 9766 to ensure operation of VAACs on a 24-hour basis.</i>	The requirement to be included in the Amendment proposal 73 to Annex 3.
D. Concl. 5/22	Concl. 12/31		Conclusion 12/31 – Volcanic ash advisory centre That, FASID Table MET 3, Part II of the ASIA/PAC ANP, renamed as FASID Table MET 3B, be amended as shown in Appendix N to the Report on Agenda Item 2.2.	Proposal for Amendment of FASID circulated to States.

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D. Concl. 5/23	Concl. 12/32	ANC	Conclusion 12/32 – Volcanic Ash Advisory and SIGMET in graphical format That, ICAO give consideration to further improvement of the format in which the graphical advisory should be issued by VAACs and development of proposals for the format of a graphical SIGMET for volcanic ash, including the necessary guidance regarding procedures for dissemination of information. <i>Noted the conclusion and requested the Secretary General to consider further improving the format of graphical advisories to be issued by VAACs and develop proposals for the graphical format of SIGMET messages for volcanic ash, including the necessary guidance regarding procedures for dissemination of information.</i>	The recommendation for BUFR-coded graphical volcanic ash advisories to be included in the Amendment proposal 73 to Annex 3.
D. Concl. 5/25	Concl. 12/33		Conclusion 12/33 – Honolulu tropical cyclone advisory centre That, FASID Table MET 3, Part I of the ASIA/PAC ANP, renamed as FASID Table MET 3A, be amended, as shown in Appendix O to the Report on Agenda Item 2.2, to reflect designation of the TCAC Honolulu with the area of responsibility covering portion of the Central Pacific from 140°W to 180°W. <i>Noted the conclusion and its relationship to the designation of Honolulu as the tropical cyclone advisory centre for the Central Pacific area.</i>	Proposal for Amendment of FASID circulated to States.
D. Concl. 5/26	Concl. 12/34		Conclusion 12/34 – New FASID Charts MET 2 and MET 3 That, the ASIA/PAC ANP be amended to include the new FASID Chart MET 2 and FASID Chart MET 3, as given in Appendices P and Q to the Report on Agenda Item 2.2, showing the areas of responsibility of TCACs and VAACs respectively.	Proposal for Amendment of FASID circulated to States.
D. Concl. 5/27	Concl. 12/35		Conclusion 5/35 – ASIA/PAC Basic ANP and FASID, Part VI – Meteorology That, the regional procedures given in the introductory text to Part VI – Meteorology of the ASIA/PAC Basic ANP and FASID be amended as shown in Appendices R and S to the Report on Agenda Item 2.2.	Proposals for Amendment of Basic ANP and FASID circulated to States.
	Concl. 12/36		Conclusion 5/36 – Chapter 8 – Meteorology of the ASIA/PAC CNS/ATM Plan That, the ASIA/PAC Regional Plan for the new CNS/ATM Systems be amended to include Chapter 8 – Meteorology as given in Appendix T to the Report on Agenda Item 2.2.	To be incorporated in the next version of the Plan.