



International Civil Aviation Organization

**Seventh Meeting of CNS/MET Sub-Group of APANPIRG and
Tenth Meeting of CNS/ATM IC Sub-Group of APANPIRG**

Bangkok, Thailand, 15 – 21 July 2003

Agenda Item 2: Review

- 1) Action on the reports of CNS/MET/SG/6 and CNS/ATM/IC/SG/9 meetings
- 2) Action items of the 39th DGCA Conference related to CNS/ATM systems

ACTION ON DECISIONS/CONCLUSIONS OF CNS/MET/SG/6 MEETING

(Presented by the Secretariat)

SUMMARY

This paper reviews actions taken by the APANPIRG/13 Meeting, ANC/Council, States and the Secretariat on the Decisions and Conclusions formulated by the CNS/MET/SG/6 Meeting.

1. INTRODUCTION

1.1 The Thirteenth Meeting of APANPIRG held in Bangkok from 9-13 September 2002 took action on the Decisions and Conclusions formulated by the Sixth Meeting of the CNS/MET Sub-Group held in Bangkok from 15 to 19 July 2002. Subsequently, the ANC and Council completed actions on APANPIRG/13 report on 19 February 2003.

2. DISCUSSION

2.1 Actions taken by the ANC and the Council on the Decisions and Conclusions of APANPIRG/13 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.

**ACTIONS TAKEN ON DECISIONS/CONCLUSIONS OF
CNS/MET SG/6 IN THE CNS FIELD**

Attachment 1 - 1
CNS/MET-ATM WP/2

Report Ref. Deci./Concl. of Sub-Group	Report Ref. Deci./Concl. No. APANPIRG	Action Taken by	Decision/Conclusion/Action Taken	Action Taken by States/ICAO
Report	Concl. 13/11	APANPIRG	<p>Conclusion 13/11 – Amendment to the Table CNS-1A - AFTN Plan</p> <p>That, the Table CNS-1A contained in ASIA/PAC FASID be replaced with an updated Table CNS-1A provided in Appendix A to the Report on Agenda Item 2.2 in accordance with established procedure.</p>	Amendment proposal APAC 02/7-COM was processed to replace the existing Table CNS-1A contained in Part IV of the ASIA/PAC FASID. Comments provided by States in response to the amendment proposal were incorporated in the Table. States were notified of the approval of the proposal in December 2002
D. Deci. 6/2	Concl. 13/12	APANPIRG	<p>Conclusion 13/12 - Need to monitor AFTN circuit performance</p> <p>That, States concerned closely monitor performance of the following AFTN circuits and coordinate upgrading the circuit capacity within the target date established in the AFTN Plan.</p> <ol style="list-style-type: none"> 1. Colombo/Male 2. Colombo/Singapore 3. Mumbai/Colombo 4. Mumbai/Nairobi 5. Kuala Lumpur/Chennai 6. Tokyo/Singapore 7. Tokyo/Moscow 	<p>States concerned were requested to monitor loading condition and upgrade circuit capacity as specified in Table CNS-1A AFTN Plan. Consequently,</p> <ul style="list-style-type: none"> - Colombo/Male – upgrading planned for 12/03 - Colombo/Singapore – upgraded to 9600bps 12May03 - Mumbai/Colombo – upgraded 64 kbps 19Mar.03 -Mumbai/Nairobi – India is ready. International coordination is being taken. - Kuala Lumpur/Chennai – upgraded to 9600 bps in April 03. - Tokyo/Singapore – upgraded to 9600bps 15Jan03; - Tokyo/Moscow – Close monitoring being taken. <p>Coordination being carried out between States for upgrading the circuit.</p>
D. Deci. 6/3	Concl. 13/13	APANPIRG	<p>Conclusion 13/13 - Use of VSAT Technology for AFS</p> <p>That, States in the Bay of Bengal area, implement AFS circuits using VSAT technology as a matter of high priority to enhance safety and efficiency of aircraft operations and to meet AFS communication requirements for data/voice communications.</p>	The Conclusion was presented to States concerned at COM Coordination meeting for Bay of Bengal area. VSAT technology is being used by several States and between States concerned. Regulatory restriction is still a problem for a State to use VSAT to provide AFS communications.

**ACTIONS TAKEN ON DECISIONS/CONCLUSIONS OF
CNS/MET SG/6 IN THE CNS FIELD**

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D.Concl. 6/5	Concl. 13/15	APANPIRG	<p>Conclusion 13/15 - ASIA/PAC Interface Control Document (ICD) for ATS Message Handling System (AMHS)</p> <p>That, the ASIA/PAC ICD for AMHS be adopted and published as Issue 1.</p>	AMHS ICD has been published.
D. Concl. 6/6	Concl. 13/16	APANPIRG	<p>Conclusion 13/16 - Checklist for Implementation of Ground to Ground ATN Infrastructure</p> <p>That, the Checklist provided in Appendix C to the report on Agenda Item 2.2 be adopted and circulated to States to assist in implementation of the Ground-to-Ground ATN infrastructure.</p>	The Checklist was circulated to States.
D. Concl. 6/7	Decision 13/17	APANPIRG	<p>Decision 13/17 - Revision of the Subject/Tasks List of the ATN Transition Task Force</p> <p>That, the updated Subject/Tasks List of the ATN Transition Task Force provided in the Appendix D to the report on Agenda Item 2.2 be adopted.</p>	The updated Subject/Tasks List was presented to ATNTTF/5 which was held 9-13 June 03.
D. Concl. 6/8	Concl. 13/18	APANPIRG	<p>Conclusion 13/18 - Revision of the Strategy for Precision Approach and Landing Guidance Systems and the Strategy for the Implementation of GNSS Navigation Capability in the Asia/Pacific Region</p> <p>That, the updated Strategy for Precision Approach and Landing Guidance Systems and the Strategy for the Implementation of GNSS Navigation Capability in the ASIA/PAC region provided in Appendices E and F respectively, to the report on Agenda Item 2.2 be adopted and provided to States.</p>	The updated Strategies were provided to the States as part of the APANPIRG report. No substantial changes were made to the Strategies which was adopted by APANPIRG/12.

**ACTIONS TAKEN ON DECISIONS/CONCLUSIONS OF
CNS/MET SG/6 IN THE CNS FIELD**

Attachment 1 - 3
CNS/MET-ATM WP/2

Report Ref. Deci./Concl. of Sub-Group	Report Ref. Deci./Concl. No. APANPIRG	Action Taken by	Decision/Conclusion/Action Taken	Action Taken by States/ICAO
Concl.6/9	Concl. 13/19	ANC	<p>Conclusion 13/19 – ADS-B Study and Implementation Task Force</p> <p>That,</p> <ul style="list-style-type: none"> a) a multidisciplinary Task Force be established consisting of members from Australia, China, Hong Kong China, Fiji, India, Japan, Mongolia, Singapore, United States, IATA, IFALPA, IFATCA and SITA with the Term of Reference provided in Appendix G to the report on Agenda Item 2.2; and b) the result of the study to be presented to APANPIRG/14 meeting in 2003. 	<p>The Task Force meeting was held in Brisbane, Australia 24-26 March 2003. The result of the meeting was represented to the ATS/AIS/SAR SG/13 held in Bangkok 23-27 June 03 as well as CNS/MET SG/7 and CNS/ATM IC SG/10 meetings.</p>
D. Concl.6/10	Concl. 13/20	ANC	<p>Conclusion 13/20 – 24 bit aircraft address</p> <p>That,</p> <ul style="list-style-type: none"> a) the ICAO issue a State Letter reminding States of the requirement to maintain aircraft address allocations in accordance with provisions laid down in Annex 10, Volume III and provide 24bit address allocation procedure; b) Japan be encouraged to undertake additional monitoring in the twelve-month period after the issue of State letter to observe changes in the level of compliance; and c) the need to enforce the procedure a working paper be presented to the 39th DGCA Conference. 	<p>State Letter AP-CNS0105 was issued on 8 May 2003. Procedures were emphasized and a working paper on the procedure was presented to the 39th DGCA Conference. An action item was agreed by 39th DGCA Conference.</p>

**ACTIONS TAKEN ON DECISIONS/CONCLUSIONS OF
CNS/MET SG/6 IN THE CNS FIELD**

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D. Concl.6/11	Concl. 12/45	Council	<p>Conclusion 13/21 - Preparation for World Radiocommunication Conference-2003 (WRC2003)</p> <p>That States,</p> <ul style="list-style-type: none"> 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; c) ensure, to the extent possible, aviation representatives are included in States delegation to the Asia-Pacific Telecommunity (APT) Conference Preparatory Group meetings and at WRC-2003; and d) ICAO convene a meeting of designated contact persons before the end of 2002 or early 2003 to review the result of the fourth APT Preparatory Group meeting and to finalize input to the fifth and the last APT Preparatory Group meeting for WRC 2003. e) publish the list of contact persons at the ICAO APAC webpage. 	<ul style="list-style-type: none"> a) States have assigned high priority to the spectrum management; b) Aviation administrations actively participated in the development of States's position; c) Many aviation administrations sent their representatives among their national delegations at the APT APG meetings and at WRC2003. d) The The Second Regional Preparatory Group Meeting for ITU World Radiocommunication Conference – 2003 (WRC-2003) was held in Bangkok, Thailand from 8 – 10 January 2003. e) A list of contact persons in each administration is available at the ICAO APAC webpage.

**ACTIONS TAKEN ON DECISIONS/CONCLUSIONS OF
CNS/MET SG/6 IN THE CNS FIELD**

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D. Concl.6/22	Concl. 13/22		<p>Conclusion 13/22 - ATN related procedures for Basic ANP and FASID</p> <p>That, the amendments proposed to the regional procedures contained in the Part IV-CNS of the ASIA/PAC Basic ANP and FASID relating to ATN materials provided in Appendix H and Appendix I, respectively to be report on Agenda Item 2.2 be adopted and incorporated in the respective documents in accordance with the established procedure.</p>	The amendment proposal APAC 03/8 –CNS was processed in June 2003.
D. Concl.6/25	Concl. 13/23	Council	<p>Conclusion 13/23 - Process of review and Notification of difference</p> <p>That, States establish a procedure with assistance of a database for review of SARPs and notification of differences to Annexes in a timely and comprehensive manner.</p>	A possibility of conducting a special implementation programme (SIP) is being explored.

ACTIONS TAKEN ON DECISIONS/CONCLUSIONS OF CNS/MET SG/6 IN MET FIELD

Report Ref. Deci./Concl. of Sub-Group	Report Ref. Deci./Concl. No.	Action Taken by	Decision/Conclusion/Action Taken	Action Taken by States/ICAO
D. Concl. 6/12	Concl. 13/24	APANPIRG	<p>Conclusion 12/21 – SADIS strategic assessment tables</p> <p>That,</p> <p>a) the ASIA/PAC SADIS strategic assessment tables, as given in Appendix N to the Report, be adopted and forwarded to the SADISOPSG for planning the future SADIS bandwidth requirements; and</p> <p>b) invite the SADISOPSG to consider amendment to the format of the SADIS strategic assessment table so as to include explicitly the requirements for the Volcanic Ash (FV and Tropical Cyclone (FK) advisory messages.</p>	The subject matter was discussed by the SADISOPSG/8.
D. Concl. 6/13	Concl. 13/25	APANPIRG	<p>Conclusion 13/25 - Regional survey on the States' plans for transition to GRIB and BUFR coded WAFS products</p> <p>That, ICAO carry out a regional survey to assess the plans of the SADIS and ISCS user States in the ASIA/PAC Regions to upgrade/replace their workstations and software used for handling WAFS data, and the dates the new equipment and the software capability to decode and display GRIB and BUFR data is expected to be operational.</p> <p><i>Note. - The survey would be undertaken by the WAFS/T TF of the CNS/MET SG</i></p>	Regional Survey was carried out and report presented at CNS/MET SG/7
D. Concl. 6/14	-		<p>Draft Conclusion 6/14 -BUFR Training Workshop</p> <p>That, the SADIS provider State be invited, in coordination with ICAO and WMO, to arrange the necessary BUFR training for SADIS user States in the ASIA/PAC Regions in 2003.</p>	GRIB/BUFR Training was provided by UK in November 2003.

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D. Concl. 6/15	Concl. 13/26	APANPIRG	<p>Conclusion 13/26 - Amended ASIA/PAC WAFS Transition Plan and Procedures</p> <p>That, the ASIA/PAC WAFS Transition Plan and Procedures be amended as shown in Appendix L to the report to reflect the changes in the plans and schedules of the two WAFCs in transition to the final phase of WAFS.</p>	The WAFS Transition Plan has been amended.
D. Deci. 6/16	Deci. 13/27	APANPIRG	<p>Decision 13/27 - TORs of ASIA/PAC WAFS Transition Task Force</p> <p>That, the TORs and Work Programme for the ASIA/PAC WAFS Transition Task Force be agreed as given in Appendix Q to this report.</p>	The TORs of the WAFS/T TF have been amended.
D. Deci. 6/17	Deci. 13/28	APANPIRG	<p>Decision 13/28 – ASIA/PAC OPMET Exchange Task Force (OPMET/E TF)</p> <p>That, an OPMET Exchange Task Force (OPMET/E TF) be established with the terms of reference, work programme and composition as given in the Appendix N to the Report.</p>	The OPMET/E TF has been established and held its first meeting in February.
D. Concl. 6/18	Concl. 13/29	ANC	<p>Conclusion 13/29 - Inclusion of SIGMET in VOLMET</p> <p>That, States be encouraged to fully implement D-VOLMET to permit suitably equipped aircraft to receive timely SIGMET information amongst other requisite meteorological information.</p> <p><i>ANC: Noted the conclusion and requested the Secretary General to encourage States to implement VOLMET data link service (D-VOLMET) to permit suitably equipped aircraft to receive timely SIGMET information amongst other requisite meteorological information.</i></p>	The follow-up action has been taken by the HQs, since the subject of the conclusion was of concern of all ICAO regions.

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D. Concl. 6/19	Concl. 13/30	APANPIRG	<p>Conclusion 13/30 - Regional survey on the current status and future plans of States to process the MET component of ADS Reports</p> <p>That, ICAO carry out a regional survey to assess the current status and future plans of the States in the ASIA/PAC Regions to process the MET component of the ADS message and forward the data to the WAFCs and to assess if the data is quality controlled.</p> <p><i>Note. - The survey would be undertaken by the METATM TF of the CNS/MET SG.</i></p>	No action taken
D. Deci. 6/20	Deci. 13/31	APANPIRG	<p>Decision 13/31 – ASIA/PAC Volcanic ash Task Force (VA TF)</p> <p>That, a Volcanic ash Task Force (VA TF) be established with terms of reference and work programme as given in the Appendix O to the Report.</p>	The Volcanic Ash TF has been established and will report to CNS/MET SG/7.
D. Concl. 6/21	Concl. 13/32	C	<p>Conclusion 13/32 – QA MET seminar for ASIA/PAC Region</p> <p>That ICAO, in coordination with WMO, organizes a seminar on the quality assurance in the provision of meteorological services to aviation in the ASIA/PAC Region during 2003.</p> <p>Council: <i>Noted the conclusion and recognizing that in accordance with the Working Arrangements between the International Civil Aviation Organization and the World Meteorological Organization (WMO) (Doc 7475) this conclusion should be addressed to WMO, requesting the Secretary General of WMO to arrange, in coordination with ICAO, training on quality assurance for provision of meteorological services to aviation in the ASIA/PAC Region after 2003.</i></p>	Action taken by the HQs.