



International Civil Aviation Organization

**Eighth Meeting of Communications/Navigation/Surveillance and
Meteorology Sub-Group (CNS/MET SG/8) of APANPIRG**

Bangkok, Thailand, 12 – 16 July

Agenda Item 15: Future Work Programme

OUTSTANDING CONCLUSIONS IN THE CNS/MET FIELD

(Presented by the Secretariat)

SUMMARY

This paper presents a list of outstanding Conclusions in the CNS/MET fields covering Conclusions formulated up to APANPIRG/13 for review.

1. INTRODUCTION

1.1 A list of outstanding Conclusions in the CNS/MET fields, including those outstanding Conclusions formulated by APANPIRG/13, is provided in the Attachment for review. The list has been further updated indicating the progress of actions taken so far by States and the Secretariat.

2. DISCUSSION

2.1 The Fourteenth Meeting of APANPIRG held in Bangkok from 4 to 8 August 2003 under its Agenda Item 5 reviewed and updated the list of Outstanding Conclusions covering Conclusions formulated up to APANPIRG/12. Conclusions on which the follow up action was completed were removed from the list.

2.2 The list in the Attachment to this paper contains also Conclusions, adopted by APANPIRG/13, action on which was still ongoing by the time of APANPIRG/14. The current status of all outstanding conclusions has been reviewed and updated, as indicated in the list.

3. ACTION BY THE MEETING

3.1 The meeting is invited to review the Attachment and take appropriate action, as required.

OUTSTANDING CONCLUSIONS/DECISIONS IN THE CNS/MET FIELD

Report Reference Concl./Dec. No.	Action by ANC/Council	Decision/Conclusion/ Action Taken	Action by States/ICAO	Status
C 5/19	C	Need for technical assistance to support WAFS implementation in the ASIA/PAC Regions That, ICAO initiate action to provide technical assistance in terms of equipment and training of personnel under the Technical Co-operation Programme to those States that are in need of assistance to receive WAFS products by satellite broadcast. Noted the conclusion and requested the Secretary General to take action as appropriate.	The use of SADIS and ISCS/2 by ASIA/PAC States has continued to grow and further expansion is expected. Implementation of the SADIS and ISCS/2 is being monitored to define the extent of the assistance required. —UK provided GRIB/BUFR training for SADIS User States in ASIA/PAC region in November 2002. <u>Second GRIB/BUFR training for ISCS and SADIS Users is planned for late 2004</u>	On-going 2005
C 9/18		Operational efficacy of OPMET messages That, a) ICAO carry out a survey on the operational efficacy of the ISCS/2; and b) Results of the survey be made available to the ISCS/2 provider Stat and reported to the COM/MET/NAV/SUR SG/3 Meeting.	– Proposal to carry out a survey on the operational efficacy of the ISCS/2 was forwarded to the ISCS Provider State for review and consideration. – The United States was invited to review the proposed survey form and to provide comments.	2004-2005
C 10/23		Revision of the ROBEX Scheme That, in order to facilitate distribution of the ASIA/PAC OPMET information to the WAFC London and Washington for uplink to the satellite broadcasts, the ROBEX Scheme be revised as shown in Appendix J to this Report on Agenda Item 2.2.	The revised ROBEX Scheme is being implemented. The collection areas of some ROBEX Centres have been extended. Task to be carried out by OPMET/E TF. OPMET/E TF developed an action list in regard to the further optimization of ROBEX Scheme.	On-going 2003 <u>Completed</u>
C 11/33		SIGMET Special Implementation Project That, ICAO urgently consider a proposal for the ASIA/PAC Special Implementation Project be established with the primary objective to improve	The SIP Project Proposal will be put forward for Council approval in 2001. The SIP Proposal is being revised in order to reduce the cost and will be put forward for Council approval in	On-going 2003 <u>Completed</u>

Report Reference Concl./Dec. No.	Action by ANC/Council I	Decision/Conclusion/ Action Taken	Action by States/ICAO	Status
	C	implementation of SIGMET procedures. Noted the conclusion and that such project would be put forward for Council approval through established procedures.	2002. The revised SIP was approved by the Council for implementation in 2003. Mission to Japan and Philippines completed by May 2003. <u>SIP was conducted in 2003</u>	
C 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 Task Force. <u>OPMET/M Task Force is working on developing appropriate update procedure for ASIA/PAC Region</u>	On-going
C 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. Note: Requirement for Honolulu TCAC in the ASIA/PAC Regions is covered by Conclusion 12/33 formulated by the meeting.	Implemented by Japan and USA. Other TCACs have been notified through WMO Tropical Cyclone regional bodies. <u>The TC advisories with data designator “FK” and standard format awarded to Annex 3 have been implemented by all TCACs in ASIA/PAC except New Delhi.</u> <u>TCAC New Delhi introduced “FK” advisories in January 2004</u>	On-going <u>Completed</u>

Report Reference Concl./Dec. No.	Action by ANC/Council I	Decision/Conclusion/ Action Taken	Action by States/ICAO	Status								
C 12/32	ANC	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. <u>The task is undertaken by the IAVWOPSG</u>	<u>On-going</u> <u>Completed</u>								
C 13/12		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. <table><tr><td>1. Colombo/Male</td><td>5. Kuala Lumpur/Chennai</td></tr><tr><td>2. Colombo/Singapore</td><td>6. Tokyo/Singapore</td></tr><tr><td>3. Mumbai/Colombo</td><td>7. Tokyo/Moscow</td></tr><tr><td>4. Mumbai/Nairobi</td><td></td></tr></table>	1. Colombo/Male	5. Kuala Lumpur/Chennai	2. Colombo/Singapore	6. Tokyo/Singapore	3. Mumbai/Colombo	7. Tokyo/Moscow	4. Mumbai/Nairobi		States concerned were requested to monitor loading condition and upgrade circuit capacity as specified in Table CNS-1A AFTN Plan. Consequently, - Colombo/Male – upgrading planned for 12/03 - Colombo/Singapore – upgraded to 9600bps 12May03 - Mumbai/Colombo – upgraded to 64 kbps 19Mar.03 -Mumbai/Nairobi – India is ready to upgrade. International coordination is being under taken. - Kuala Lumpur/Chennai – upgraded to 9600 bps in April 03. - Tokyo/Singapore – upgraded to 9600bps 15Jan03; - Tokyo/Moscow – States closely monitoring circuit loading. Coordination being carried out between States concerned for upgrading the circuit. <u>Colombo/Male, Mumbai/Nairobi and Tokyo/Moscow are being monitored.</u>	Ongoing
1. Colombo/Male	5. Kuala Lumpur/Chennai											
2. Colombo/Singapore	6. Tokyo/Singapore											
3. Mumbai/Colombo	7. Tokyo/Moscow											
4. Mumbai/Nairobi												

Report Reference Concl./Dec. No.	Action by ANC/Council	Decision/Conclusion/ Action Taken	Action by States/ICAO	Status
C 13/14		Conclusion: 13/14 - ATN Documentation Tree That, the ATN Planning Document be published in a loose-leaf form to include future amendments to the Document; and the ATN Documentation Tree provided in Appendix B to the report on Agenda Item 2.2 be adopted and included in the ATN Planning Document.	Documentation tree was further updated by the Fifth ATN Transition Task Force meeting held in June 2003. It will be included in the ATN Planning Document in accordance with Conclusion XX of APANPIRG/14 <u>Documentation tree further updated by the Sixth ATN Transition Task Force meeting held in April 2004 and posted on the ICAO APAC web site as a part of the ATN planning document.</u>	To be completed in 2003 <u>Completed</u>
C 13/23		Process of Review and Notification of Differences 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.	A possibility of conducting a special implementation programme (SIP) is being explored. <u>SIP on the subject approved by the Council and will be conducted by the end of 2004</u>	Ongoing
C 13/30		Regional survey on the current status and future plans of States to process the MET component of ADS Reports 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 WAFs and to assess if the data is quality controlled.	The Survey is to be carried out by the end of 2003. <u>The survey was conducted in May and June 2004</u>	On-going <u>Completed</u>

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C 13/32	C	QA MET seminar for ASIA/PAC Region 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. 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>	Action taken by the HQs. WMO has been invited to organize the seminar in coordination with ICAO. Hong Kong, China, proposed to host the seminar, subject to confirmation by WMO. <u>WMO was invited to organize the QA seminar. Currently planned for October 2004 at Hong Kong Observatory.</u>	On-going
C 13/35	ANC	Amendment to the Statement of BORPC That, ICAO is invited to consider amendment to the MET part of the Statement of BORPC, as shown in Appendix A to the Report on Agenda Item 2.4.	The task of revising the BORPC will be initiated immediately after the 11th Air Navigation Conference in October 2003 during which the ATM operational concept will be considered. <u>Task is being carried out by the ICAO HQs</u>	On-going
C 13/40		Selection of GPS receiver standard for GNSS implementation That States, a) should give consideration for future GNSS operational approvals and associated operational implementation based on the TSO C145/146 receiver standard; and b) use of TSO C129 remains a valid standard but should not be considered as the basis for future implementation of GNSS.	The Conclusion was brought to the attention of States. <u>States notified</u>	On-going <u>Completed</u>

