



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**

OUTSTANDING CONCLUSIONS

(Presented by the Secretariat)

SUMMARY

This paper presents a list of outstanding Conclusions in the CNS/MET fields covering Conclusions formulated by APANPIRG/11 for review.

1. INTRODUCTION

1.1 A list outstanding Conclusions in the CNS and MET fields including those outstanding Conclusions formulated by APANPIRG/11 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 Twelfth Meeting of APANPIRG held in Bangkok from 24-28 August 2001 reviewed and updated the list of Outstanding Conclusions covering Conclusions formulated by APANPIRG/10. An updated list containing all the Outstanding Conclusions of APANPIRG in the CNS/MET fields including those Conclusions formulated by APANPIRG/11 are provided in the Attachment.

3. ACTION BY THE MEETING

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

OUTSTANDING CONCLUSIONS/DECISIONS IN THE CNS/MET FIELDS

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. <i>Noted the conclusion and requested the Secretary General to take action as appropriate.</i>	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.	On-going
C 5/23		Operation of the OPMET data banks as an OPMET Data Regional Exchange Points (ODREP) under the ROBEX Scheme That, a) Bangkok, Brisbane, Nadi, Singapore and Tokyo OPMET data banks be designed as ODREPs under the ROBEX Scheme; and b) ICAO develop a draft proposal for amendment of the regional procedures given in the introductory text to Part IV – Meteorology of the MID/ASIA (Doc 8700) and NAT/NAM/PAC (8755) ANPs and arrange for a consequential amendment of the list of the ODREPs as given in the ROBEX Handbook and their responsibilities as follows: i) Bangkok ODREP/OPMET data bank be responsible for the ASIA/PAC – MID and ASIA/PAC – AFI (except south-east part of the region) OPMET data exchanges;	– OPMET data banks have been implemented. – ROBEX Handbook has been amended to reflect operation of OPMET data banks/ODREPs. – New Table MET 4C – OPMET Data Banks has been included in the draft ASIA/PAC FASID.	Completed Completed

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		ii) Brisbane ODREP/OPMET data bank be responsible for the ASIA/PAC – SAM and ASIA/PAC – South-east AFI OPMET data exchanges; iii) Nadi ODREP/OPMET data bank be responsible for the South PAC – NAM OPMET data exchanges; iv) Singapore ODREP/OPMET data bank be responsible for EUR – ASIA/PAC OPMET data exchanges; v) Tokyo ODREP/OPMET data bank be responsible for the ASIA/PAC – NAM OPMET data exchanges. <i>Noted the conclusion on the understanding that necessary co-ordination would be made with the APIRG and GREPECAS.</i>		
C 6/27		Area of Responsibilities of the Designated OPMET Data Banks to Support the ROBEX Scheme That, a) The areas of responsibilities of the designated OPMET Data Banks to support the ROBEX Scheme be defined as follows: i) Areas of responsibility of Bangkok OPMET Data Bank – Bangkok, Bombay, Calcutta, Delhi and Karachi Main and/or TAF Collection Areas; ii) Area of responsibility of Brisbane OPMET Data Bank – Port Moresby, Sydney, and Auckland Main and/or TAF Collection Areas; iii) Area of responsibility of Nadi OPMET Data Bank – Nadi TAF Collection Area;	OPMET Data Banks have been implemented. ASIA/PAC and global OPMET data are available on the ISCS and SADIS broadcasts.	Completed

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Attachment to WP/5 - 3

Report Reference Concl./Dec. No.	Action by ANC/Council	Decision/Conclusion/ Action Taken	Action by States/ICAO	Status
		iv) Area responsibility of Singapore OPMET Data Bank – Singapore, Jakarta and Kuala-Lumpur Main and/or TAF Collection Areas; and v) Area of responsibility of Tokyo OPMET Data Bank – Beijing, Hong Kong, Tokyo and Seoul Main and/or TAF Collection Areas. b) Data banks exchange the METAR/TAF Bulletins collected within their areas of responsibility with other data banks; and c) Data banks disseminate the METAR/TAF Bulletins within their areas of responsibility to meet operational requirements. <i>Noted the conclusion with the understanding that its substance will be incorporated in a proposal to amend the relevant regional air navigation plans.</i>		
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 State 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.	To be completed in 2002
C 9/30		Global exchange of OPMET messages That, ICAO develop a proposal to amend Annex 3 and the regional air navigation plans to introduce a requirement for the global exchange of OPMET messages and their dissemination by the ICAO satellite broadcasts.	Requirements regarding the global exchange of OPMET information have been included in Amendment 72 to Annex 3 adopted by the Council on 7 March 2001.	Completed

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	<i>C</i>	<i>Noted the conclusion and requested the Secretariat to develop a proposal to amend Annex 3 and the air navigation plans to provide for global exchange of OPMET information using all elements of the aeronautical fixed service, as appropriate.</i>		
C 10/12		Conclusion 10/12 – Need to monitor AFTN circuit loading That, States concerned closely monitor loading conditions on the following AFTN circuits and provide the result of monitoring of plans for upgrading circuits to ICAO. 1. Manila/Singapore 2. Nadi/Apia-Faleolo 3. Nadi/Noumea 4. Hong Kong/Manila 5. Kuala Lumpur/Chennai	1. Manila/Singapore circuit upgraded to 300 baud. 2. Faleolo is planned to be routed via USA on 26 June 2002. 3. Nadi/Noumea already upgraded to 2400 bps. 4. Hong Kong/Manila already upgraded to 300 baud. 5. Kuala Lumpur/Chennai planned for upgrading in 07/02.	This conclusion has been superseded by Conclusion 12/12. Action completed.
C 10/16		SADIS operational focal point in user States That, SADIS User States nominate an operational person involved with day-to-day SADIS operations in that State, to act as the SADIS operational focal point, and to provide the person's name, official title and contact details. Note:- a) To assist States in nominating the appropriate officer, the request to States should indicate clearly that the SADIS operational focal point would be expected to be available to respond to queries and receive information from the SADIS provider State and Secretary, SADISOPSG on operational matters, and maintain contact with any other SADIS users in the State concerned; and	The required information has been collected from the SADIS User States. The completed list of the SADIS focal points has been forwarded to the Secretary of the SADISOPSG.	Completed

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Attachment to WP/5 - 5

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		b) On receipt of the information from States, the Secretary of the SADISOPSG should provide the information to the SADIS provider State, and include the list of the SADIS operational focal points in a future amendment to the SADIS User Guide.		
C 10/19	C	Future development of the WAFS That, ICAO give consideration to the future development of the WAFS with a view of meeting the States' requirements for WAFS and non-WAFS products after transition to the final phase of WAFS and RAFCs cease to operate. <i>Noted the conclusion and requested the Secretary General to arrange for a study on how to meet any non-WAFS requirements indicated by States, in response to the survey requested in Conclusion 10/20.</i>	Proposal is being studied by the Secretariat with assistance of the WAFSSG. The subject is included in the Agenda of the MET Divisional Meeting, September, 2002	On-going
C 10/20		Survey on future requirements of States for the WAFS and non-WAFS products and services That, States define their future requirements for the WAFS and non-WAFS products and services so that all requirements be met after transition to the final phase of the System.	A survey was undertaken by the ASIA/PAC WAFS Transition Task Force to assess the capability of States to obtain and process GRIB forecasts into Wind/Temp Charts on an operational basis. A survey was undertaken by the Task Force to assess the operational effectiveness of WAFS.	Completed
C 10/21		Internet access to the WAFS products and OPMET data That, ICAO consider developing the policy for use of the Internet by States to obtain the WAFS products and OPMET data for operational purposes. <i>Noted the conclusion and its relationship to APIRG/12 conclusion 12/27 and requested the Secretary General to consider developing a uniform policy for the use of</i>	The Uniform policy for the use of the Internet by States for operational purposes is being developed by the Secretariat as requested by the ANC. It is included in the agenda of the MET Divisional Meeting to be held in September 2002. The United Kingdom implemented the SADIS internet-based service as a back-up to the SADIS broadcast to be provided only to States and users authorized to receive SADIS and ISCS broadcasts.	On-going

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		<i>the Internet by States to obtain WAFS products and OPMET data for operational purposes, as well as for the dissemination for AIS products.</i>	SADIS FTP back-up service has been operational since May 2002.	
C 10/22		Dissemination of ASIA/PAC OPMET data to WAFC Washington That, a) Tokyo ROBEX OPMET Data Bank forward ASIA/PAC METAR bulletins to the WAFC Washington; b) Brisbane and Nadi ROBEX OPMET Data Bank forward ASIA/PAC TAF bulletins to the WAFC Washington; and c) The operational procedures and the respective responsibilities of the data banks to facilitate distribution of the ASIA/PAC OPMET data to the WAFCs London and Washington be as shown in Appendix I to the report on the Agenda Item 2.2.	The ASIA/PAC and global OPMET data is available at the Washington WAFC from the Centres concerned and from London WAFC for the ISCS broadcast.	Completed
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.	On-going
C 11/24		Conclusion 11/24 - 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; c) ensure to the extent possible aviation representatives	Follow up actions were taken. Focal points were designated by almost all the States. List of contact points for both CAA and Telecom Regulators were prepared and forwarded to States to facilitate co-ordination.	Superseded by Conclusion 12/19. Action completed.

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Attachment to WP/5 - 7

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		are included in States delegation to the APT Conference Preparatory Group meetings and at WRCs. d) designate a focal point contact person responsible for the preparation of WRC-2003 issues and provide notification of appointment to the ICAO Regional Office. Noted the Conclusion and requested the Secretary-General to accord high priority to the ICAO's role in safeguarding the aeronautical interest at WRC-2003		
C 11/26	ANC	Authorized access to the global WAFS graphical products via the Internet That, ISCS and SADIS provider States consider the possibility of providing global availability of WAFS products via the Internet, to the authorized ISCS and SADIS users. Noted the conclusion and that the Secretary General was developing a policy for the operational use of the Internet by States to access WAFS products as well as OPMET data, and for the dissemination of AIS Information.	The subject matter was discussed by the SADISOPSG/6 and 7. The United Kingdom implemented the SADIS internet-based service as a back-up to the SADIS broadcast to be provided only to States and users authorized to receive SADIS and ISCS broadcasts. SADIS FTP back-up service has been operational since May 2002. A policy for the operational use of the Internet by States is being developed by ICAO. It is included in the agenda of the MET Divisional meeting to be held in September 2002.	On-going
C 11/32		WAFS Tables MET 5 and 6 of the ASIA/PAC ANP (FASID) That, Tables MET 5 and 6 of the ASIA/PAC ANP (FASID) be amended as shown in Appendices H and I to the report.	The ASIA/PAC Basic ANP and FASID have been approved by the Council. Amendment proposal for FASID circulated to States.	On-going

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C 11/33	C	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 implementation of SIGMET procedures. Noted the conclusion and that such project would be put forward for Council approval through established procedures.	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 pu forward in 2003.	On-going