



*International Civil Aviation Organization*

**ELEVENTH MEETING OF THE  
ASIA/PACIFIC AIR NAVIGATION PLANNING AND  
IMPLEMENTATION REGIONAL GROUP (APANPIRG/11)  
Bangkok, Thailand, 2 – 6 October 2000**

**Agenda Item 5: Review of Outstanding Conclusions and Decisions of APANPIRG**

**STATUS OF OUTSTANDING CONCLUSIONS AND DECISIONS OF APANPIRG**

(Presented by the Secretariat)

**SUMMARY**

This working paper presents the outstanding Conclusions and Decisions of APANPIRG.

Action by the APANPIRG is proposed at para 3.

**1. INTRODUCTION**

1.1 The Group, in its last meeting, noted the information provided on the follow-up action taken by States and ICAO on the outstanding Conclusions and Decisions of the Group's earlier meetings. The Group agreed to review the position in each meeting and maintain a list of outstanding conclusions and decisions, on which further action is required. The ANC had requested the Group to provide expected action, completion dates with regard to the outstanding conclusions and decisions.

**2. DISCUSSION**

2.1 The Attachement gives the follow-up action taken by States and ICAO and the present status of the outstanding conclusions and decisions. The follow-up action taken by States and ICAO Secretariat on the conclusions and decisions of APANPIRG/10 are given in WP/12.

**3. ACTION BY THE APANPIRG/11**

3.1 The meeting is invited to:

- a) note the progress made on conclusions and decisions of APANPIRG/10 as given in WP/12
- b) note the progress made on the outstanding conclusions and decisions up to APANPIRG/9 (Attachment to this paper); and
- c) decide on a consolidated list of outstanding conclusions and decisions on which further action is required

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**OUTSTANDING CONCLUSIONS/DECISIONS OF APANPIRG IN ATS/AIS/SAR FIELDS**

<b>Report Reference ----- Conc/Dec No</b>	<b>Action by ANC/ Council</b>	<b>Decision/Conclusion Title/ ANC/Council Action, if any</b>	<b>Action by States/ICAO</b>	<b>Status</b>
C.2/28		<b>Implementation of Area Control Service</b>	States to classify airspace in accordance with SARPS and update AIPs; provide area control service on appropriate ATS routes and ensure AIPs reflect correct ATS provision. Most States have completed the action required. This action is part of the work programme of relevant ATS Co-ordination meetings. Non-implementation will be included on list of Shortcoming and Deficiencies.	On-going
C.3/24		<b>Implementation of RVSM and RNP in the Pacific Region</b>	a) RVSM was implemented in the Pacific Region on 24 February 2000.  b) RNP 10 has been implemented in most of the Pacific Region.	Complete d On-going
C 4/2	C	<b>States in the Asia Region to review their SAR system</b>  Noted the Conclusion.	Review of Asian States SAR is continuing. The ICAO Regional Office is actively fostering the enhancement of SAR throughout the Region as part of the normal work programme. Shortcomings and Deficiencies will be listed as they become apparent.	On-going
C.6/13		<b>SAR Agreements</b>	A register has not yet been established. Monitoring undertaken by ATS/AIS/SAR/SG.	On-going
C.6/19	C	<b>Japan Area "G"</b>  Noted the conclusion and requested the Secretary General to pursue the subject as a matter of high priority and report the outcome to the Council and inform the APANPIRG accordingly.	The Task has been removed from the work programme of ATS/AIS/SAR/SG.  No progress could be made by the Secretariat on this subject.	On-going

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D.6/21		<b>Guidelines for the Construction of ATS Routes</b>	No longer a requirement due to the recent publication of a number of ICAO provisions including the Manual on Airspace Planning for the Determination of Separation Minima (Doc 9689), and the 2 <sup>nd</sup> edition of the Manual on Required Navigation Performance (RNP) (Doc 9613).	Completed
C 7/7	ANC	<b>GPS RAIM Outage Notification</b>  Noted the conclusion.	This item has been overtaken by time and technology. There is no longer a requirement for an implementation plan to be developed.	Completed
C 8/9	ANC	<b>Co-ordinated Activity - SAR</b>  Noted the conclusion and requested the Secretary General to take appropriate action.	A SAREX and associated Search and Rescue Seminar is being organised initially for the Bay of Bengal followed by the South China Sea areas.	On-going
C 8/29	ANC	<b>Carriage of ACAS and Transponders</b>  Noted the conclusion, its relation to ANC action (147-2) on State letters AN 11/1.1.23-97/70 and AN 7/1.3.72-97/77 and encouraged States to work towards the early implementation of the conclusion.	A Regional Supplementary Procedure has been approved. Further action to be undertaken by APANPIRG/11 regarding fostering implementation by States.	Completed
C 8/39	C	<b>CNS/ATM training workshops and seminars</b>  Noted the conclusion.	Several CNS/ATM workshops are being organised.	On-going
C9/1	C	<b>Implementation of the Revised South China Sea ATS Route Structure</b>  Noted the conclusion, its relation to APANPIRG/8 Conclusion 8/2 and the need to continue the on-going efforts of the parties with the support of ICAO to implement the revised South China Sea ATS route structure.	High level discussions continue between China and Viet Nam under the auspices of ICAO.	On-going

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C9/2		<b>Transition to WGS -84 in the ASIA/PAC Region</b>	ICAO Regional Office continues to undertake follow-up action with States concerned.	On-going
C9/3	ANC	<b>Examine the possibility of including the Asia Region to the implementation schedule of RVSM in the Pacific Region</b>  Noted the conclusion and its basis on capacity needs and fuel saving benefits.	The ICAO RVSM/TF is planning for and facilitating the implementation of RVSM in the Asia Region. A tentative target implementation date of 21 February 2002 has been set.	On-going
C 9/6	C	<b>Establishment of Area Control Service and 10-Minute Longitudinal Separation using Mach Number Technique</b>  Noted the conclusion.	Limited progress reported by States. With respect to the application of MNT, ICAO Regional Office will progress an amendment to Doc 7030 to streamline the existing provisions.	On-going
C 9/8		<b>ATS Route Amendments</b>	Some information received. Document of ATS Route Network revised and updated.	On-going
C 9/9	ANC	<b>Human Factor in the Provision of ATS</b>  Noted the conclusion.	First ATS Human Factors Seminar scheduled for early 2000.  Very little information received from States.	On-going
D 9/39		<b>CNS/ATM Training and Human Resource Development Task Force</b>	The Task Force held its first meeting in July 1999. A Regional CNS/ATM Training & Human Resource Development Strategy was developed. Further work may be progressed when the outputs of the ICAO Human Resource Planning and Training Needs Study Group become available.	On-going
D 9/47		<b>Contingency Planning for Y2K problems - Formation of an APANPIRG Y2K Contingency Planning Task Force</b>	Work successfully undertaken.	Completed

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C 9/51	C	<b>Strengthening the Regional Office resources</b>  Noted the conclusion and requested the Secretary General to take appropriate action thereon.	Secretary General has been requested to take appropriate action.	On-going

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C.2/25		<b>Provision of RCAG VHF in KABUL FIR</b>	Afghanistan is in the process of restoring basic AFS/AMS COM facilities. The AFTN, ATS direct speech circuits and RCAG VHF expected to be implemented with the assistance of IATA by October 2000.	To be completed in October 2000
C 4/28		<b>Implementation of the Dhaka/Yangon switched ATS speech circuit</b>	Direct circuit implemented using VSAT.	Completed
C 4/29		<b>Implementation of ATS speech communication requirements</b>	Circuits have been implemented using IDD telephone. Further action required to be taken by Afghanistan and Pakistan. Agreement has been reached by States concerned to establish a VSAT link. Expected to be implemented by October 2000.	To be completed in October 2000
C.5/19	C	<b>Need for technical assistance to support WAFS implementation in the ASIA/PAC Regions</b>  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.	On-going

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C.5/23	C	<p><b>Operation of the OPMET data banks as an OPMET Data Regional Exchange Points (ODREP) under the ROBEX Scheme</b></p> <p>Noted the conclusion on the understanding that necessary co-ordination would be made with the APIRG and GREPECAS.</p>	<ul style="list-style-type: none"> <li>- OPMET data banks have been implemented and most of the banks accepted responsibility to operate as ODREPs.</li> <li>- ROBEX Handbook has been amended to reflect operation of OPMET data banks/ODREPs</li> <li>- New Table MET 4C - OPMET Data Banks has been included in the draft ASIA/PAC FASID.</li> </ul>	On-going
C.6/27	ANC	<p><b>Areas of Responsibilities of the Designated OPMET Data Banks to Support the ROBEX Scheme</b></p> <p>Noted the conclusion with the understanding that its substance will be incorporated in a proposal to amend the relevant regional air navigation plans.</p>	<p>OPMET Data Banks have been implemented.</p> <p>Implementation of the revised ROBEX Scheme has been delayed due to partial implementation of some functions of data banks. The AFS/AFTN Management Task Force/4 Meeting agreed that the revised scheme be implemented within the area of responsibility of any particular data bank following its full implementation. The revised ROBEX Scheme has been implemented by the Bangkok OPMET data bank</p>	On-going
C.6/28	ANC	<p><b>Inter-regional Exchange of OPMET Information</b></p> <p>Noted the conclusion and its relationship to APANPIRG Conclusion 5/23, and requested that, in their consideration of the proposal, the APIRG, GREPECAS and MIDANPIRG should take account of existing AFTN entry/exit points.</p>	<p>Singapore OPMET Data Bank has implemented the switch of EUR TAF bulletins to the ROBEX Centres in the ASIA/PAC Region.</p> <p>Tokyo OPMET Data Bank has started to switch some of the TAF bulletins from U.S. and Canada to the ROBEX Centres.</p> <p>MID OPMET data is available in BKK OPMET Data Bank.</p>	Completed
C 7/17		<p><b>World area forecast system-Table MET 6</b></p>	<p>As advised by the Administration concerned, the RAFC/WAFC provided by the United States will continue to be referred to as ARAFC/WAFC Washington.</p>	To be deleted

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C 8/15		<b>Amendment to EUR-ASIA/PAC AFTN Routing.</b>	Co-ordination was completed and all centres concerned implemented agreed routing effective 15 November 1999.	Completed
C 8/27	ANC	<b>Volcanic Ash Warning System</b>  Noted the conclusion and requested the Secretary General to consider the proposal.	a) Proposals developed by the SG were forwarded to the Secretary of the Volcanic Ash Warning SG (VAWSG) and WAFSSG; b) Some of the proposals were considered by Volcanic Ash Workshop (France, May 1998); and c) Implementation of the International Airways Volcano Watch in the ASIA/PAC was reviewed by the COM/MET/NAV/SUR SG.	Completed
C9/12	ANC	<b>Standardized Exchange of Electronic Aeronautical Information/Data.</b>  Noted the conclusion and understood that its implementation is meant to be a strong support for the Aeronautical Data Modelling Study Group.	A number of States participated in the ICAO AIS/MAP Divisional Meeting 23 March - 3 April 1998.	On-going
C 9/17	ANC	<b>ICD for Radar Data Exchanges</b>  Noted the conclusion and requested the Secretariat to take action as appropriate, including examination of the need to develop SARPs related to radar data exchange.	-Tables containing SAC allotment for States in the ASIA/PAC region and the guidance material or allocation of SIC by States for individual facility were sent to States.  - Supplement to the ASTERIX ICD for ASIA/PAC region has been issued.	Completed
C 9/18		<b>Operational efficacy of the ISCS/2</b>	- 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.	2001



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C 9/22		<b>Location of two-way VSATs (SADIS and ISCS) at volcanic ash advisory centres (VAACs)</b>	The VAAC provider States, namely Australia, Japan, New Zealand and United States have been invited to consider the installation of two-way VSATs.	Completed
C 9/25		<b>SADIS enhanced two-way VSAT test programme</b>	<ul style="list-style-type: none"> <li>- Thailand has advised ICAO that it would be unable to participate in the test programme.</li> <li>- The new proposal for a test-site should be developed.</li> </ul>	Completed  Completed
C 9/26		<b>Amended ASIA/PAC WAFS Transition Plan and Procedures</b>	<ul style="list-style-type: none"> <li>- The WAFS Transition Plan and Procedures have been amended; and</li> <li>- The ASIA/PAC WAFS Transition Plan and Procedures are being successfully implemented in co-ordination between the RAFCs and WAFCs provider States and with assistance of the WAFS Task Force.</li> </ul>	Completed
C 9/30	ANC	<b>Global exchange of OPMET messages</b>  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.	Proposal for amendment to Annex 3 regarding global exchange of OPMET data was developed by the Secretariat and forwarded to States for comments.	2001
C 9/32	C	<b>GNSS Frequency Protection</b>  Noted the conclusion and its relation to ITU World Radio Conference (WRC-2000).	Action was taken in accordance with the Conclusion. States were advised to take necessary actions to support ICAO Position at APT Meetings and at WRC 2000.	Completed

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C 9/34	C	<b>Draft Basic ASIA/PAC ANP and Draft ASIA/PAC FASID</b>  Noted the conclusion and expressed appreciation to the States concerned.	The documents reviewed and verified by States. A proposal for amendment of the plan is processed in accordance with established procedures.	Completed
C 9/36	ANC	<b>Proposed Withdrawal Dates for Ground Based Communications, Navigation and Surveillance Facilities</b>  Noted the conclusion and that caution should be given to the States concerned that any withdrawal plans should be in line with the regional CNS/ATM implementation plans, including co-ordination with the operators and after consultations with users through the regional planning process.	Further action will be taken in accordance with ANC directions.	On-going