



International Civil Aviation Organization

**FIFTEENTH MEETING OF THE
ASIA/PACIFIC AIR NAVIGATION PLANNING AND
IMPLEMENTATION REGIONAL GROUP (APANPIRG/15)
Bangkok, 23 to 27 August 2004**

Agenda Item 5: Review of Outstanding Conclusions and Decisions

Agenda Item 1: Review of Council and ANC action on APANPIRG/14 Report

FOLLOW-UP ACTION ON APANPIRG/14 CONCLUSIONS AND DECISIONS

(Presented by the Secretariat)

1. INTRODUCTION

1.1 The APANPIRG/14 meeting held in Bangkok, Thailand from 4 to 8 August 2003 formulated 43 Conclusions and 11 Decisions. The Report of APANPIRG/14 was reviewed by the Council at the 6th Meeting of its 171st Session on 27 February 2004 and the Air Navigation Commission at the 5th meeting of its 165th Session on 27 January 2004. The actions taken by the Council and the ANC are included in WP/2 to APANPIRG/15.

2. DISCUSSION

2.1 The Attachment to this paper provides the follow-up actions taken by States and ICAO and the present status of the Conclusions and Decisions of APANPIRG/14. The meeting may wish to review the present status of these conclusions and decisions and decide on those conclusions and decisions which require further action or monitoring as the case may be. Following the review by the meeting, the conclusions and decisions on which further action or monitoring is required will be taken in the list of outstanding conclusions and decisions for further review in the future meetings of the Group.

2.2 As agreed during APANPIRG/11, the following nomenclature will be used:

On-going : Requiring further action(s)
Completed : Follow-up action(s) completed
Closed : Superseded/overtaken by other action(s)/event(s)

3. ACTION BY APANPIRG/15

3.1 The Group is invited to:

- a) note the progress made on conclusions and decisions of APANPIRG/14 as given in the Attachment; and
- b) decide on those conclusions and decisions on which further actions are required.

APANPIRG/15 – WP/18
Attachment A – ATM/AIS/SAR

CONCLUSIONS/DECISIONS OF APANPIRG/14 IN ATM/AIS/SAR FIELDS

| Report Reference ----- Conc/Dec No | Action by ANC/ Council | Decision/Conclusion Title/ ANC/Council Action, if any | Action by States/ICAO | Status |
|---|---|--|---|---|
| C14/1 | ANC | <p>Review of the ICAO flight plan to include aircraft RNP type approval status</p> <p>That, in light of the requirements of some States for a detailed knowledge of the RNP type approval status of aircraft, ICAO be requested to review current flight planning equipment suffix provisions and revise the ICAO Flight Plan accordingly.</p> <p>Noted the conclusion and that it had already agreed to the establishment of a study group to address this issue.</p> | A Study Group has been established by ICAO Headquarters. | <p>Closed</p> <p>(Action being taken by HQ)</p> |
| C14/2 | | <p>Revision of the <i>Guidance Material on CNS/ATM Operations in the Asia/Pacific Region</i></p> <p>That, as a matter of priority, and in line with the review by ICAO at the request of the Air Navigation Commission, a Task Force be established to revise the <i>Guidance Material on CNS/ATM Operations in the Asia/Pacific Region</i>, in coordination with States responsible for the Pacific Operations Manual (POM) with the intent of harmonizing both documents.</p> | A Review Task Force was established and met in Honolulu, Hawaii in October 2003, and conducted an extensive review of the Guidance Material addressing comments provided by ICAO Headquarters. Also, the operations procedures document used in the Pacific Region (Pacific Operations Manual) was also reviewed and harmonized with ICAO requirements to the extent possible. A revision to the Guidance Material is under preparation by the Regional Office. | Completed |
| C14/4 | | <p>Circulation of amendment proposal APAC 99/9-ATS (Sigmet in Volmet) to the APAC ANP (Doc 9673)</p> <p>That, the Asia/Pacific Regional Office circulates the amendment proposal APAC 99/9-ATS to the Asia/Pacific ANP (Doc 9673) to States and international organizations.</p> | APAC 99/9-ATS was circulated to States and International organizations for comment by the Regional Office on 20 May 2004. The results are under review. | Completed |

APANPIRG/15 – WP/18
Attachment A – ATM/AIS/SAR

| Report Reference ----- Conc/Dec No | Action by ANC/Council | Decision/Conclusion Title/ ANC/Council Action, if any | Action by States/ICAO | Status |
|--|------------------------------|--|--|---------------|
| C14/5 | | <p>ATS Route Network Review Task Force (ARNR/TF)</p> <p>That, a Task Force comprising representatives from States and appropriate International Organizations be formed to review the ATS route network for the Asia/Pacific Region with draft Terms of Reference as shown in Appendix B to the Report on Agenda Item 2.1.</p> | The Regional Office requested States and users by letter to identify present and future route requirements to be considered by ARNR/TF/1 to be held in September 2004. | On-going |
| C14/6 | ANC | <p>Implementation of ACAS II and pressure-altitude reporting transponders in the Asia Pacific Region</p> <p>That, States in the Asia/Pacific Region as a matter of urgency implement ACAS II and pressure-altitude reporting transponders required by Annex 6 especially in view of RVSM operations.</p> <p>Noted the conclusion and, as one of the possible means, requested the Secretary General to write specifically to States not having done so to urge them to ensure carriage of ACAS II and pressure-altitude reporting transponders by aircraft in accordance with Annex 6 provisions.</p> | <p>ICAO State Letter AN 11/6.1-04/31 issued on 30 April 2004 on a proposed amendment to Annex 6 on additional requirements for carriage of ACAS II and associated training requirements for pilots.</p> <p>States to update the Regional Office on status of implementation of ACAS II and pressure-altitude reporting transponders.</p> | On-going |
| C14/7 | | <p>Implementation of a 2 NM lateral offset procedure</p> <p>That, subject to the ICAO guidelines being revised, States should develop a 2 NM lateral offset procedure to be implemented in all relevant airspace in the Asia/Pacific Region, and the Regional Supplementary Procedures amended as appropriate. This procedure to be harmonized with other regions to ensure uniform application globally.</p> | <p>A State Letter is under preparation by ICAO Headquarters to revise the guidelines for 2 NM offset procedures to be applied globally .</p> <p>Based on the ICAO revised guidelines, States to promulgate in State AIPs the routes and airspace where offsets are authorized as required by Annex 2 (Chapter 3, 3.6.2.1.1).</p> | On-going |

APANPIRG/15 – WP/18
Attachment A – ATM/AIS/SAR

| Report Reference ----- Conc/Dec No | Action by ANC/ Council | Decision/Conclusion Title/ ANC/Council Action, if any | Action by States/ICAO | Status |
|--|---------------------------------|---|--|-----------|
| D14/8 | | <p>Reactivation and renaming of the AIS Automation Task Force</p> <p>That, the AIS Automation Task Force be reactivated and renamed the AIS Implementation Task Force (AITF) to study AIS automation and related matters, and assist States to implement ICAO SARPs on AIS in an expeditious manner. Amended terms of reference are provided in Appendix E of the report on Agenda Item 2.1.</p> | AIS Implementation Task Force has been activated; first meeting is scheduled for 29 November - 3 December, 2004. | Completed |
| C14/9 | | <p>AIRAC provisions</p> <p>That, ICAO be requested to again reinforce to States the critical safety nature of AIS and adherence to Annex 15 provisions, particular those relating to AIRAC, as well as the need to ensuring accurate and timely publication of AIS data.</p> | <p>Timelines for the dissemination of changes to AIS are contained in Annex 15.</p> <p>The AIS Implementation Task Force (AI/TF) to undertake a study of the application of Annex 15 requirements.</p> | On-going |
| D14/11 | | <p>Revision to the Title of the ATS/AIS/SAR Sub-Group</p> <p>That, the title of the ATS/AIS/SAR Sub-Group is changed to the ATM/AIS/SAR Sub-Group to more adequately reflect the activities of the group.</p> | The Sub-Group has been renamed the ATM/AIS/SAR Sub-Group. | Completed |
| C14/45 | | <p>Fostering of exchanges between MET and ATM</p> <p>a) the MET Authorities/Providers of the States, be encouraged to continually assess with the corresponding ATM authorities the requirements for MET information with the aim of developing new products/information to support the ATM, bearing in mind the potential costs and benefits involved; and</p> | | |

APANPIRG/15 – WP/18
Attachment A – ATM/AIS/SAR

| Report Reference ----- Conc/Dec No | Action by ANC/ Council | Decision/Conclusion Title/ ANC/Council Action, if any | Action by States/ICAO | Status |
|---|---|--|--|---------------|
| | C | <p>b) ICAO be invited, in coordination with WMO, to organize a MET/ATM coordination seminar in ASIA/PAC Region in 2004, to foster the exchanges between the MET and ATM experts in order to facilitate further development of the MET component of the CNS/ATM systems in the ASIA/PAC Region.</p> <p>Noted the conclusion and invited the Secretary General, in coordination with WMO, to organize a MET/ATM coordination seminar in the ASIA/PAC Region during 2004.</p> | A seminar to be scheduled by the Regional Office during 2005. | On-going |
| D14/46 | | <p>Amendment to the key priorities for implementation of the CNS/ATM systems of the Asia/Pacific Region</p> <p>That, the amended list of Key Priorities for implementation of the CNS/ATM systems for the Asia/Pacific Region be adopted as shown in Appendix B to the Report on Agenda Item 3.</p> | The list was reviewed and updated by the CNS/MET/8 and ATM/AIS/SAR/14 Sub-Group meetings. | Completed |
| D14/47 | | <p>Establishment of the Future Directions Task Force</p> <p>That, a post 11th Air Navigation Conference Future Directions Task Force be established in accordance with the Terms of Reference as shown in Appendix C to the Report on Agenda Item 3.</p> | The Future Directions Task Force (FDTF) was established and met on 17 - 19 May 2004. As the work of the Task Force was completed at this meeting, the FDTF formulated Draft Decision 1/4 recommending the dissolution of the Task Force. | Completed |
| | | | | |

APANPIRG/15 – WP/18
Attachment A – ATM/AIS/SAR

| Report Reference ----- Conc/Dec No | Action by ANC/ Council | Decision/Conclusion Title/ ANC/Council Action, if any | Action by States/ICAO | Status |
|--|---------------------------------|---|---|----------------------------------|
| D14/48 | | <p>Establishment of the Regional Airspace Safety Monitoring Advisory Group</p> <p>That, the Regional Airspace Safety Monitoring Advisory Group (RASMAG) be established with terms of reference as shown in Appendix D to the Report on Agenda Item 3. The RASMAG shall report annually to APANPIRG and the ATM/AIS/SAR/SG on the results of its airspace safety monitoring activities. The members of the Group should comprise experts from the regional monitoring agencies and other specialists as required.</p> | The RASMAG was established and first met on 26 - 30 April, 2004. The second meeting of RASMAG is scheduled for 4 - 8 October, 2004. | Completed |
| D14/49 | | <p>To dissolve the Asia/Pacific Airspace Safety Monitoring Task Force</p> <p>That, the Asia/Pacific Airspace Safety Monitoring Task Force, having completed its work programme, be dissolved.</p> | The Asia/Pacific Airspace Safety Monitoring Task Force (APASM/TF) was dissolved by this Decision. | Completed |
| C14/53 | C | <p>Filling up key vacant posts in the ASIA/PAC Regional Office</p> <p>That, the ASIA/PAC Regional Office resources be strengthened by filling up the ATM and AIS/MAP vacant positions.</p> <p>Noted the conclusion and requested the Secretary General, as a matter of urgency, to strengthen the Asia/Pacific Regional Office specifically by filling the AIS/MAP vacant post.</p> | <p>ATM is at full strength as of June 2004.</p> <p>The AIS/MAP position remains vacant.</p> | <p>Completed</p> <p>On-going</p> |

CONCLUSIONS/DECISIONS OF APANPIRG/14 IN THE CNS FIELD

| Report Ref. Deci./Concl. No. APANPIRG | Action Taken by ANC/Council | Decision/Conclusion/ Action Taken | Action Taken by States/ICAO | Status |
|--|--|--|--|---------------|
| C. 14/12 | - | <p>Conclusion 14/12 - ASIA/PAC Interface Control Document (ICD) for ATN Router</p> <p>That, the ASIA/PAC regional ICD for ATN Router be adopted and published.</p> | Published in the website and States notified. | Completed |
| C.14/13 | - | <p>Conclusions 14/13 - ATN Documentation Tree</p> <p>That, the updated ATN Documentation Tree be included in the Second Edition of the ATN Planning and Technical Document and forwarded to States.</p> | Included in the Second Edition of ATN Planning Document and published and States notified. | Completed |
| C.14/14 | - | <p>Conclusion 14/14 -ASIA/PAC ATN Inter Domain Routing Policy (IDRP)</p> <p>That, the ASIA/PAC ATN Inter Domain Routing Policy (IDRP) be adopted and distributed to States.</p> | Published in the website and States notified. | Completed |

APANPIRG/15 – WP/18
Attachment B - CNS

| Report Ref. Deci./Concl. No. APANPIRG | Action Taken by ANC/Council | Decision/Conclusion/ Action Taken | Action Taken by States/ICAO | Status |
|--|--|---|--|---------------|
| C.14/15 | - | <p>Conclusion 14/15 – Use of Public Internet to support AFTN</p> <p>That, the guidance material for the use of Public Internet to support low speed AFTN circuits be adopted and circulated for States for use as an interim means pending the outcome of the result of Aviation Use of Public Internet Study Group.</p> | <ul style="list-style-type: none"> - Provided to the Study Group; - Published in the website and State notified. | Completed |
| C.14/16 | - | <p>Decision 14/16 – 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 Appendix A be adopted.</p> | Task Force noted the changes made. | Completed |
| C. 14/17 | | <p>Conclusion 14/17 - Use of SATCOM voice for ATS</p> <p>That,</p> <p>a) SATCOM voice be used in compliance with existing SARPs; and</p> <p>b) ICAO develop a global policy for the use</p> | <p>The task has been assigned to ACP. ACP is looking for more details about the problem statement.</p> <p>State concerned has been advised to furnish details.</p> | On going |

APANPIRG/15 – WP/18
Attachment B - CNS

| Report Ref. Deci./Concl. No. APANPIRG | Action Taken by ANC/Council | Decision/Conclusion/ Action Taken | Action Taken by States/ICAO | Status |
|--|--------------------------------|---|---|-----------|
| | ANC | of SATCOM voice for ATS function. <i>Noted the Conclusion and relevant provisions in Annex 10, and requested the Secretary General to consider developing, if necessary, additional procedures to address the use of SATCOM-voice for ATS.</i> | | |
| C.14/18 | - | Conclusion 14/18 - Inclusion of Seoul in MWARA NCA-3 That, the ASIA/PAC FASID be amended in accordance with the established procedure to specify requirement for an aeronautical station in Seoul to provide HF air-ground communication in the MWARA NCA-3 Network. | - A proposal for amendment to the Table CNS-2 of FASID was processed. - States notified of the adoption of the proposal. | Completed |
| C.14/19 | - | Conclusion 14/19 – Updated Revision of the Strategy for Precision Approach and Landing Guidance Systems and the Strategy for the Implementation of GNSS Navigation Capability in the ASIA/PAC region 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 B and C respectively, to the report on Agenda Item 2.2 be adopted and provided to States. | The updated strategies were published in the website and States notified. | Completed |

APANPIRG/15 – WP/18
Attachment B - CNS

| Report Ref. Deci./Concl. No. APANPIRG | Action Taken by ANC/Council | Decision/Conclusion/ Action Taken | Action Taken by States/ICAO | Status |
|--|--|---|---|---------------|
| C. 14/20 | - | <p>Conclusion 14/20 - Near term ADS-B data link selection</p> <p>That, Mode S Extended Squitter (1090 ES) be used as the data link for ADS-B radar like services in the ASIA/PAC region in the near term.</p> | <p>Task Force is proceeding with the development of implementation plan based on 1090 ES as data link.</p> <p>AN-Conf/11 also endorsed this link for near-term use.</p> | Completed |
| C.14/21 | - | <p>Conclusion 14/21 - Target date of ADS-B Implementation</p> <p>That States, where necessary to do so, be encouraged to implement “ADS-B out” for ground-based surveillance services in ASIA/PAC Region on a sub-region by sub-region basis with a target date of January 2006.</p> | <p>ADS-B Task Force developing plan for air-ground ADS-B implementation on a Sub-regional basis in an evolutionary manner.</p> | On going |
| C.14/22 | - | <p>Conclusion 14/22 - Needs for development of ICAO SARPs for ADS-B</p> <p>That, in view of the progress made by States with operational trials for the implementation of ADS-B, ICAO be requested to give priority to:</p> <p>a) the inclusion of positional source data accuracy and integrity requirements for ADS-B services in the appropriate standards; and</p> | <p>ICAO HQ requested to take appropriate action with respect to the global provisions.</p> <p>The Surveillance and Conflict Resolution System Panel (SCRSP) and Separation Panel (SASP) are expected to take appropriate actions.</p> | On going |

APANPIRG/15 – WP/18
Attachment B - CNS

| Report Ref. Deci./Concl. No. APANPIRG | Action Taken by ANC/Council | Decision/Conclusion/ Action Taken | Action Taken by States/ICAO | Status |
|--|--------------------------------|---|-----------------------------------|-----------|
| | | b) development of separation standards for ADS-B surveillance. | | |
| | ANC | <i>Noted the Conclusion and requested the Secretary General to consider including source data accuracy and integrity requirements in ADS-B standards and also develop separation standards for ADS-B surveillance.</i> | | |
| D. 14/23 | - | Decision 14/23 - Revision of the Terms of Reference of ADS-B Study and Implementation Task Force That, the new Terms of Reference of the ADS-B Study and Implementation Task Force be adopted as shown in Appendix D. | Task Force noted the revised TOR. | Completed |

APANPIRG/15 – WP/18
Attachment B - CNS

| Report Ref. Deci./Concl. No. APANPIRG | Action Taken by ANC/Council | Decision/Conclusion/ Action Taken | Action Taken by States/ICAO | Status |
|--|--------------------------------|--|---|----------|
| C. 14/24 | | <p>Conclusion 14/24 - Preparation for World Radio Communication Conference 2007 (WRC-2007)</p> <p>That, States,</p> <ul style="list-style-type: none"> a) assign high priority to aeronautical spectrum management; b) participate in the development of States' position for WRCs at the national level to ensure support to the ICAO position; c) ensure, to the extent possible that, aviation representatives are included in States delegations to the Asia-Pacific Telecommunity (APT) Conference Preparatory Group) meetings and at WRCs; d) to nominate an ICAO designated focal point or contact person for aviation issues related to the WRC-07; and e) ensure participation of the designated focal point or contact person at the ICAO Regional Preparatory Group Meetings for WRC-07, APT Conference Preparatory Group Meetings for WRC-07, and at WRC-2007. | <p>As a follow up action this Conclusion was presented to the 40th DGCA Conference. States have been urged to nominate focal point of contact.</p> | On going |

APANPIRG/15 – WP/18
Attachment B - CNS

| Report Ref. Deci./Concl. No. APANPIRG | Action Taken by ANC/Council | Decision/Conclusion/ Action Taken | Action Taken by States/ICAO | Status |
|--|--------------------------------|---|--|-----------|
| | ANC | <i>Noted the Conclusion and requested the Secretary General to continue encouraging the States to participate at various levels in different fora to provide support for the ICAO position at the forthcoming WRC-2007 so as to protect aeronautical frequency spectrum.</i> | | |
| C. 14/43 | - | Decision 14/43 – Update Subject/Tasks List of the CNS/MET Sub-Group That, the updated Subject/Tasks List of the CNS/MET Sub-Group presented in Appendix L be adopted. | Brought to the attention of the Sub-Group. | Completed |
| D. 14/46 | - | Decision 14/46 – Amendment to the key priorities for implementation of the CNS/ATM systems for the ASIA/PAC Region That, the amended list of Key Priorities for implementation of the CNS/ATM systems for the ASIA/PAC Region provided in Appendix B to the Report on Agenda Item 3 be adopted. | Brought to the attention of the Sub-Group. | Completed |

CONCLUSIONS/DECISIONS OF APANPIRG/14 IN THE MET FIELD

| Report Ref. Deci./Concl. No. APANPIRG | Action Taken by ANC/Council | Decision/Conclusion/ Action Taken | Action Taken by States/ICAO | Status |
|--|--|---|--|---------------|
| C. 14/25 | ANC | <p>Conclusion 14/25 - Implementation of the SADIS second-generation system (SADIS 2G)</p> <p>That, subject to the successful completion of the trials, the APANPIRG endorses the implementation of the SADIS second-generation broadcast (SADIS 2G)</p> <p><i>Noted the conclusion and recognized that the transition to SADIS 2G would accrue benefits to States, although there would be an initial cost implication at the system level.</i></p> | The implementation of SADIS 2G has been endorsed. | Completed |
| C. 14/26 | ANC | <p>Conclusion 14/26 - Discontinuation of the current first-generation SADIS two-way VSAT programme</p> <p>That, the APANPIRG notes the plan to discontinue the current SADIS two-way VSAT programme as of 1 January 2004.</p> <p><i>Noted the conclusion and acknowledged that the discontinuation of the current SADIS two-way VSAT programme effective 1 January 2004 constituted and initial step for migration from first to second generation SADIS broadcast system.</i></p> | SADIS two-way VSAT programme discontinued 1 January 2004 | Completed |

APANPIRG/15 – WP/18
Attachment C - MET

| Report Ref. Deci./Concl. No. APANPIRG | Action Taken by ANC/Council | Decision/Conclusion/ Action Taken | Action Taken by States/ICAO | Status |
|--|--------------------------------|--|---|-----------|
| C.14/27 | - | <p>Conclusion 14/27 - SADIS strategic assessment tables</p> <p>That, the ASIA/PAC SADIS strategic assessment tables, as given in Appendix F to the report on Agenda Item 2.2, be adopted and forwarded to the SADISOPSG for planning the future SADIS bandwidth requirements.</p> | SADIS strategic assessment tables forwarded to the SADISOPSG. | Completed |
| C. 14/28 | - | <p>Conclusion 14/18 – Use of the SADIS Internet Back-up Service by ISCS User States</p> <p>That, the ISCS user States be encouraged to consider the use of the SADIS internet-based ftp back-up service as an interim solution for reception of WAFS products and OPMET data in the event of difficulties in meeting the ISCS transition schedule.</p> <p><i>Note: The use of the SADIS internet-based back-up service would require a software for visualization of the WAFS products.</i></p> | ISCS user States have been informed of the availability of the SADIS ftp back-up service. | Completed |

APANPIRG/15 – WP/18
Attachment C - MET

| Report Ref. Deci./Concl. No. APANPIRG | Action Taken by ANC/Council | Decision/Conclusion/ Action Taken | Action Taken by States/ICAO | Status |
|--|--------------------------------|--|---|-----------|
| C. 14/29 | | <p>Conclusion 14/29 – Cost Recovery for the utilization of WAFS by the States</p> <p>That, ASIA/PAC States be encouraged to include the costs associated with the receipt and provision of WAFS products, in particular, the mandatory SADIS charges, the cost for the replacement or upgrade of WAFS workstations and software required for the transition to the GRIB and BUFR coded WAFS products, the upgrade and maintenance of the SADIS/ISCS VSAT equipment, in the cost recovery for the meteorological services provided in their territory via the air navigation service charges.</p> <p><i>Note: The recovery of the costs should be in accordance with ICAO principles and policy on the air navigation service charges.</i></p> | States notified. | Completed |
| C. 14/30 | - | <p>Conclusion 14/30 – States’ Actions for the Migration to the Operational Use of GRIB and BUFR coded WAFS Products</p> <p>That,</p> <p>a) ASIA/PAC States be urged to start the necessary preparations for the migration to the operational use of GRIB and BUFR coded WAFS products as a matter of</p> | States have been notified on a number of occasions on the need to upgrade their systems for receiving/processing WAFS data. The migration process is still to be finalized. | On-going |

APANPIRG/15 – WP/18
Attachment C - MET

| Report Ref. Deci./Concl. No. APANPIRG | Action Taken by ANC/Council | Decision/Conclusion/ Action Taken | Action Taken by States/ICAO | Status |
|--|--------------------------------|---|--|---|
| | | <p>urgency, if they have not already done so;</p> <p>b) States having difficulties in the migration to the operational use of GRIB and BUFR coded WAFS products be encouraged to urgently approach WMO for assistance under the WMO Voluntary Cooperation Programme (VCP).</p> <p><i>Note: In order to expedite WMO consideration of VCP requests, States are encouraged to contact potential donors and subsequently inform WMO.</i></p> | | |
| C. 14/31 | - | <p>Conclusion 14/31 – Automatic Production of SIGWX Charts from BUFR Coded WAFS Products</p> <p>That, the WAFSOPSG be invited to consider the requirement for automatic production of SIGWX charts for the standard ICAO chart areas from BUFR coded WAFS products to be included into the set of minimum requirements to be achieved by the WAFS workstation manufacturers.</p> | <p>The conclusion had been considered by the first meeting of the WAFS Operations Group (WAFSOPSG/1, Lima, September 2003)</p> | <p>Closed</p> <p>(Action being taken by WAFSOPSG)</p> |

APANPIRG/15 – WP/18
Attachment C - MET

| Report Ref. Deci./Concl. No. APANPIRG | Action Taken by ANC/Council | Decision/Conclusion/ Action Taken | Action Taken by States/ICAO | Status |
|--|--------------------------------|--|--|----------|
| C. 14/32 | C | <p>Conclusion 14/32 – GRIB/BUFR Training</p> <p>That, the SADIS and ISCS provider States be invited to provide further training on the operational use of GRIB and BUFR coded WAFS products for the States in the ASIA/PAC Regions in coordination with ICAO and WMO.</p> <p><i>Note: It is desirable that the above training is organized conjointly by the SADIS and ISCS provider States for both SADIS and ISCS user States in the ASIA/PAC Region in late 2004/early 2005.</i></p> <p><i>Noted the conclusion and requested the Secretary General to invite the SADIS and ISCS Provider States to arrange, in coordination with ICAO and WMO, training on the operational use of GRIB- and BUFR-coded WAFS products for the States in the Asia/Pacific Regions during 2004/2005.</i></p> | <p>Consultations between SADIS and ISCS provider States carried out. Training event expected December 2004. January 2005.</p> | On-going |

APANPIRG/15 – WP/18
Attachment C - MET

| Report Ref. Deci./Concl. No. APANPIRG | Action Taken by ANC/Council | Decision/Conclusion/ Action Taken | Action Taken by States/ICAO | Status |
|--|--------------------------------|--|--|-----------|
| C. 14/33 | | <p>Conclusion 14/33 – Amendment of regional procedures related to WAFS in the ASIA/PAC Basic ANP and FASID</p> <p>That, the ASIA/PAC Basic ANP and FASID (Doc 9673) be amended as indicated in Appendix G to the report on Agenda Item 2.2.</p> | Amendment proposal is under preparation. | On-going |
| C. 14/34 | - | <p>Conclusion 14/34 – Notification for significant changes in the WAFS operation</p> <p>That, WAFSOPSG be invited to develop adequate notification procedure for significant changes in the WAFS operation to ensure that all States/users concerned are informed with enough lead time to prepare for those changes.</p> | WAFSOPSG/1 meeting adopted Conclusion 1/6 on the subject | Completed |
| C. 14/35 | - | <p>Conclusion 14/35 – Inclusion of 9-hour TAF in the ROBEX exchange</p> <p>That, the ASIA/PAC States who are issuing 9-hour TAF, be invited to include these bulletins into the regular exchange under the ROBEX scheme.</p> | State letter issued. OPMET/M TF/2 meeting created a new ROBEX Table for the 9-hour TAF | Completed |

APANPIRG/15 – WP/18
Attachment C - MET

| Report Ref. Deci./Concl. No. APANPIRG | Action Taken by ANC/Council | Decision/Conclusion/ Action Taken | Action Taken by States/ICAO | Status |
|--|--------------------------------|---|---|-----------|
| C. 14/36 | - | <p>Conclusion 14/36 – ASIA/PAC Regional SIGMET Guide</p> <p>That,</p> <ul style="list-style-type: none"> a) ICAO publish the new edition of the ASIA/PAC Regional SIGMET Guide in accordance with the established procedures; and b) based on the guidance provided in the ASIA/PAC Regional SIGMET Guide, the States be invited to review the operations of the designated MWOs and ensure that SIGMET messages are issued in full compliance with the Annex 3 provisions and the requirements stated in the ASIA/PAC Regional ANP. | SIGMET Guide published in September 2003 and sent to all States. The Guide is published on ICAO web site. | Completed |
| C. 14/37 | | <p>Conclusion 14/37 – Amendments to the SIGMET format</p> <p>That, ICAO be invited to consider amendments to the SIGMET format specified by Annex 3, in particular to the part of the SIGMET message related to the geographical location of the weather phenomenon, for which the SIGMET is issued, aimed at facilitating the preparation of SIGMET information and further standardization of the message format.</p> | Task undertaken by the ICAO HQs | Closed |

APANPIRG/15 – WP/18
Attachment C - MET

| Report Ref. Deci./Concl. No. APANPIRG | Action Taken by ANC/Council | Decision/Conclusion/ Action Taken | Action Taken by States/ICAO | Status |
|--|--------------------------------|--|-------------------------------------|-----------|
| | ANC | <p><i>Note: Examples of proposed changes to the SIGMET format are shown in Appendix I to the report on Agenda Item 2.2.</i></p> <p><i>Noted the conclusion and requested the Secretary General to develop amendments to the SIGMET format specified by Annex 3, in particular to the part of the SIGMET message related to the geographical location of the weather phenomenon, aimed at further standardization of the message format.</i></p> | | |
| D. 14/38 | - | <p>Decision 14/38 – Task Force on the implementation of volcanic ash and Tropical cyclone advisories and warnings (VA/TC Implementation TF)</p> <p>That,</p> <p>a) the Volcanic Ash Task Force, established by Decision 13/31 of APANPIRG be disbanded; and</p> <p>b) a Task Force on the implementation of the volcanic ash and tropical cyclone advisories and SIGMETs in the ASIA/PAC Region (VA/TC Implementation TF) be established with terms of reference, work programme and composition as shown in Appendix J to the report on Agenda Item 2.2.</p> | VA/TC Implementation TF established | Completed |

APANPIRG/15 – WP/18
Attachment C - MET

| Report Ref. Deci./Concl. No. APANPIRG | Action Taken by ANC/Council | Decision/Conclusion/ Action Taken | Action Taken by States/ICAO | Status |
|--|--------------------------------|---|---|----------|
| C. 14/39 | - | <p>Conclusion 14/39 – Harmonization of the format of volcanic ash and tropical cyclone advisories</p> <p>That, IAVW Operations Group (IAVWOP SG) be invited to review the format of the volcanic ash and tropical cyclone advisories and propose changes aimed at harmonizing the format of those elements which are common for both types of advisory messages.</p> | The subject was addressed by the IAVWOPSG/1 meeting and the Secretariat was tasked to prepare amendment proposal. | Closed |
| C. 14/40 | - | <p>Conclusion 14/40 – Amendment to FASID Table MET 1B in regard to the service provided by the meteorological watch office Wellington</p> <p>That, FASID Table MET 1B be amended by adding a note for MWO Wellington, New Zealand, as shown in the Appendix K to the report on Agenda Item 2.2.</p> | Amendment proposal under preparation. | On-going |

APANPIRG/15 – WP/18
Attachment C - MET

| Report Ref. Deci./Concl. No. APANPIRG | Action Taken by ANC/Council | Decision/Conclusion/ Action Taken | Action Taken by States/ICAO | Status |
|--|--------------------------------|---|---|-----------|
| C. 14/41 | - | <p>Conclusion 14/41 – Implementation of the requirement for TC advisories by TCAC New Delhi</p> <p>That, India, as TCAC Provider State, be invited to implement, as a matter of urgency, the requirement for issuance of TC advisories by TCAC New Delhi as specified in the ASIA/PAC Basic ANP and FASID (Doc 9673), following the provisions of Annex 3, regarding the format of these advisories.</p> | Communication with the Indian Meteorological Department carried out and the TCAC New Delhi started issuing TC advisories from the beginning of 2004 | Completed |
| C. 14/42 | ANC | <p>Conclusion 14/42 – Further development of the ICAO provisions for the tropical cyclone advisories and SIGMETs</p> <p>That, ICAO be invited to consider further development of the Annex 3 provisions related to the format and content of the tropical cyclone advisories issued by the Tropical Cyclone Advisory Centres (TCAC) and SIGMETs for tropical cyclones issued by the meteorological watch offices (MWO).</p> <p><i>Noted the conclusion and requested the Secretary General to consider further development of the Annex 3 provisions related to the format and content of the tropical cyclone advisory centre and SIGMETs for tropical cyclones issued by the MWO</i></p> | Task undertaken by the ICAO HQs. | Closed |

APANPIRG/15 – WP/18
Attachment C - MET

| Report Ref. Deci./Concl. No. APANPIRG | Action Taken by ANC/Council | Decision/Conclusion/ Action Taken | Action Taken by States/ICAO | Status |
|--|--------------------------------|--|--|----------|
| C. 14/44 | ANC | <p>Conclusion 14/44 – Application of Mode-S data link in automatic weather reporting</p> <p>That, ICAO be invited to consider the application of the Mode-S data link in automatic air-reporting as an alternative to ADS over areas covered by surveillance radars and to consider ways to facilitate its implementation in the ASIA/PAC Region.</p> <p><i>Noted the conclusion and called upon the Secretary General to consider the use of Mode-S data link in automatic air reporting.</i></p> | Task undertaken by ICAO HQs. | Closed |
| C. 14/45 | | <p>Conclusion 14/45 – Fostering of exchanges between MET and ATM</p> <p>That,</p> <ul style="list-style-type: none"> a) the MET Authorities/Providers of the States, be encouraged to continually assess with the corresponding ATM authorities the requirements for MET information with the aim of developing new products/information to support the ATM, bearing in mind the potential costs and benefits involved; and b) ICAO be invited, in coordination with WMO, to organize a MET/ATM coordination seminar in ASIA/PAC Region in 2004, to foster the exchanges between the MET and ATM experts in | Initial coordination with WMO undertaken | On-going |

APANPIRG/15 – WP/18
Attachment C - MET

| Report Ref. Deci./Concl. No. APANPIRG | Action Taken by ANC/Council | Decision/Conclusion/ Action Taken | Action Taken by States/ICAO | Status |
|--|--------------------------------|--|-----------------------------|--------|
| | C | <p>order to facilitate further development of the MET component of the CNS/ATM systems in the ASIA/PAC Region.</p> <p><i>Noted the conclusion and invited the Secretary General, in coordination with WMO, to organize a MET/ATM coordination semina in the ASIA/PAC Region during 2004.</i></p> | | |

CONCLUSIONS/DECISIONS OF APANPIRG/14 IN OTHER FIELDS

| Report Ref. Deci./Concl. No. APANPIRG | Action Taken by ANC/Council | Decision/Conclusion/ Action Taken | Action Taken by States/ICAO | Status |
|--|--|---|--|---------------|
| C. 14/50 | ANC | <p>Conclusion 14/50 – Asia Pacific Supplement to the Uniform Methodology</p> <p>That, the concept for the “Asia Pacific Supplement to the Uniform Methodology for the identification, assessment and reporting of air navigation deficiencies be circulated to States for comments and the Task Force finalize the development of the Supplement taking into account comments from States”.</p> <p><i>Noted the conclusion and requested the Secretary General to monitor and evaluate the development of Asia Pacific Supplement to the Uniform Methodology and consider extending it's application to other regions.</i></p> | <p>Draft Supplement had been circulated to States and International Organizations vide State Letter AP-0253/03 dated 16 September 2003. Ten(10) responses were received and all indicated no comment or agreed with draft.</p> <p><i>ICAO HQ requested to take appropriate action.</i></p> | Completed |
| D. 14/51 | | <p>Decision 14/51 – 2nd Meeting of the Asia Pacific Deficiency Review Task Force (DRTF/2)</p> <p>That, a second meeting of the DRTF be convened during early 2004 to finalize the procedures and develop further guidelines to be included in the Asia Pacific Supplement to the Uniform Methodology, taking into account comments received from States and Organizations concerned.</p> | <p>DRTF/2 was held from 13-14 May 2004 and the work of finalizing the Asia/Pacific Supplement was completed.</p> | Completed |

APANPIRG/15 – WP/18
Attachment D

| Report Ref. Deci./Concl. No. APANPIRG | Action Taken by ANC/Council | Decision/Conclusion/ Action Taken | Action Taken by States/ICAO | Status |
|--|--------------------------------|---|--|-----------|
| C.14/52 | C | <p>Conclusion 14/52 - Revised Terms of Reference of APANPIRG</p> <p>That, the ICAO Council approves the revised Terms of Reference of APANPIRG, available at Appendix A to the Report on Agenda Item 6.</p> <p><i>Approved the revised Term of Reference</i></p> | <p>State Letter ref. AP 0016/04 dated 8 March 2004 containing revised TORs and replacement pages to APANPIRG Procedural Handbook had been issued to States and International Organizations.</p> <p>Procedural Handbook had been updated.</p> | Completed |
| C. 14/54 | C | <p>Conclusion 14/54 – Viet Nam’s application for Full Membership with APANPIRG</p> <p>That, the ICAO Council consider approving Viet Nam’s application for full membership with APANPIRG.</p> <p><i>Approved membership of Viet Nam of APANPIRG</i></p> | <p>Viet Nam had been informed vide State Letter AP0034 dated 29 April 2004.</p> | Completed |