



ICAO

**Thirty First Meeting of the Asia/Pacific Air Navigation  
Planning and Implementation Regional Group  
(APANPIRG/31)**

*Video Teleconference - Bangkok, Thailand, 14 to 16 December 2020*  
*Schedule: 10:00 – 13:15 Bangkok Time [UTC+7hrs]*

- Agenda Item 1B: Follow-up on the Outcome of APANPIRG/30 Meeting**  
**1B.2: Review status of implementation of APANPIRG/30  
Conclusions and Decisions**

**STATUS OF IMPLEMENTATION OF APANPIRG/30  
CONCLUSIONS AND DECISIONS**

(Presented by the Secretariat)

**SUMMARY**

This Paper presents the follow-up action taken by ICAO and States on the APANPIRG/30 Conclusions and Decisions

*Strategic Objectives:*

- A: **Safety** – Enhance global civil aviation safety
- B: **Air Navigation Capacity and Efficiency** — Increase the capacity and improve the efficiency of the global aviation system
- E: **Environmental Protection** — minimize the adverse environment effects of civil aviation activities.

Action by the Meeting is in paragraph 3.

**1. INTRODUCTION**

1.1 APANPIRG/30 adopted the table, which provides for each Conclusion/Decision, the related ICAO Strategic Objective(s), the follow-up action to be taken, Organisation responsible to initiate action, expected deliverable(s) and the target date for completion. The format is in line with the ICAO Business Planning and Performance Based Approach.

**2. DISCUSSION**

2.1 APANPIRG/30 adopted 15 Conclusions and 4 Decisions, which are presented in **Appendix A** to this Working Paper. A column is added to the table to show the recommendation made by Air Navigation Commission for easy reference. Out of the 19 items listed, action has been taken to Thirteen (13) Conclusions and Four (04) Decisions. Action on **Two (02)** Conclusions [C30/13 & C30/14] are in progress.

**3. ACTION BY THE MEETING**

- 3.1 The Meeting is invited to:
- a) note the progress made on the APANPIRG/30 Conclusions and Decisions as given in **Appendix A** to this paper; and
  - b) review and propose further action.

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APANPIRG/30 Conclusions/Decisions – Action Plan

| Conclusion/<br>Decision No<br>---<br>Strategic<br>Objective* | Title of Conclusion/<br>Decision                          | Text of Conclusion/Decision  | Responsibility   | Deliverable   | Target Date   | Status<br>[As of 4<br>December 2020]   | Action by ANC<br>[AN-WP/9399<br>dated 6 March<br>2020] |
|--|---|--|--|---|---|--|--|
| C 30/1<br><br>A & B  | <b>2020 PIRGs and RASGs Global Symposium – Innovation</b> | <p>That, given the rapid pace of innovation in aviation and the important role that PIRGs and RASGs play in facilitating proper planning and facilitate the implementation of the relevant innovations in a coordinated and timely manner, it is imperative that:</p> <p>a) APAC States identify and propose innovation activities to ICAO that they are aware of in their State or Region that may be of global interest to facilitate planning by March 2020;</p> <p>b) Propose topics for discussion during PIRG/RASG Symposium related to innovation by March 2020;</p> <p>c) States plan participation in the PIRG/RASG Global Symposium and Second ICAO Innovation Fair to be held in Montréal tentatively from 26 to 30 October 2020;</p> <p>d) The Chairpersons of APANPIRG and RASG-APAC plan attendance of the first meeting of the ICAO PIRG/RASG Global Coordination Group, tentatively scheduled for 25 October 2020.</p> | <p>ICAO RO</p> <p>APAC States and Administrations</p> <p>Chairperson of APANPIRG</p> | <p>State Letter</p> <p>Action in accordance with the Conclusion.</p> <p>Action in accordance with the Conclusion.</p> | <p>30 November 2019</p> <p>As soon as practicable</p> <p>25 Oct. 2020</p> | <p>Ref.: AN 3/3 – AP130/19 (AGA) dated 29 November 2019</p> <p>Meeting postponed due to COVID-19 Pandemic. Date TBC.</p> <p><b>COMPLETED</b></p> |  |

APANPIRG/30 Conclusions/Decisions – Action Plan

| Conclusion/<br>Decision No<br>---<br>Strategic<br>Objective* | Title of Conclusion/<br>Decision   | Text of Conclusion/Decision   | Responsibility | Deliverable                                     | Target Date     | Status<br>[As of 4<br>December 2020]   | Action by ANC<br>[AN-WP/9399<br>dated 6 March<br>2020] |
|--|--|---|----------------|---|-----------------|--|--|
| C 30/2<br><br>A & B  | <b>Identification and Reporting of Common Challenges Experiences at the Regional Level</b> | <p>That, there is a need for the PIRGs and RASGs to review the format of presentation of common challenges experienced in the regions and report thereon in a detailed standardized and harmonized way and therefore it was concluded that the meeting:</p> <p>a) agree to the format of reporting regional challenges as contained in Appendix A to the Report on Agenda Item 2; and</p> <p>b) report the regional challenges identified in the format proposed.</p> | ICAO RO        | Format included in APANPIRG Procedural Handbook | 6 November 2019 | <p>Included the format as Attachment D to the draft APANPIRG Procedural Handbook, 6<sup>th</sup> Edition</p> <p><b>COMPLETED</b></p> |  |



APANPIRG/30 Conclusions/Decisions – Action Plan

| Conclusion/<br>Decision No<br>---<br>Strategic<br>Objective* | Title of Conclusion/<br>Decision  | Text of Conclusion/Decision  | Responsibility                                 | Deliverable  | Target Date   | Status<br>[As of 4<br>December 2020]   | Action by ANC<br>[AN-WP/9399<br>dated 6 March<br>2020] |
|--|---|--|--|--|---|--|--|
| C 30/4<br><br>A & B  | <b>Certification of aerodromes used for international operations in Asia Pacific States</b> | <p>That, the Ministers of Asia and Pacific States committed to certify all aerodromes used for international operations by 2020 through the Beijing Declaration. The AOP/SG monitors the aerodrome certification implementation commitment of the Beijing Declaration and reports progress to the annual APAC DGCA Conference through the APANPIRG. States and Aerodrome Operators should take effective actions on Action Item 55/42 agreed at the 55th Conference of the APAC DGCA.</p> <p>In view of above, the Meeting:</p> <p>a) Urged States and their Aerodrome Operators that have yet to certify aerodromes used for international operations to take an effective action on the 55th DGCA Action Item 55/42;</p> <p>b) Urged States to provide periodic updates on the progress of the certification of aerodromes to the ICAO APAC Office;</p> <p>c) Urged States that have not published the status of certification of aerodromes in State’s AIP to publish the status as soon as possible in accordance with Annex 14 Vol I (para. 2.13.1), PANS-Aerodromes (para. 2.3.7) and Appendix 2 to PANS-AIM (Doc 10066);</p> <p>d) Agreed that, if any aerodrome used for international operations fails to obtain an aerodrome certificate from the Regulatory Authority by fulfilling ICAO Annex 14 requirements under the aerodrome certification process by 2020, or fails to maintain the aerodrome certificate already obtained, will be subject to being included on the APANPIRG AOP Air Navigation Deficiency list</p> | ICAO RO<br><br>APAC States and Administrations | State Letter<br><br>Action in accordance with the Conclusion | 30 November 2019<br><br>Before 31 Dec. 2020.<br><br>Before 31 Dec. 2019 | <p>Ref.: AN 3/3 – AP132/19 (AGA) dated 29 November 2019</p> <p>Action will be completed after endorsement by APANPIRG/31 the Air Navigation Deficiency List in AOP field which was endorsed by AOP/SG.4</p> <p>[COMPLETED]</p> |  |

APANPIRG/30 Conclusions/Decisions – Action Plan

| Conclusion/<br>Decision No<br>---<br>Strategic<br>Objective* | Title of Conclusion/<br>Decision                 | Text of Conclusion/Decision  | Responsibility  | Deliverable   | Target Date   | Status<br>[As of 4<br>December 2020]   | Action by ANC<br>[AN-WP/9399<br>dated 6 March<br>2020] |
|--|--|--|---|---|---|--|--|
|  |  | <p>against para. 1.4 (certification of aerodromes) of the Annex 14, Volume I;</p> <p>e) Agreed that, if any States fail to achieve the target of the Beijing Declaration on certification of aerodromes by 2020 will be subject to being included on the APANPIRG AOP Air Navigation Deficiency list against para. 1.4 of the Annex 14, Volume I;</p> <p>f) Agreed that, if any States fails to publish the status of certification of aerodromes in State’s AIP by December 2019 will be subject to being included on the APANPIRG AOP Air Navigation Deficiency list against ICAO Annex 14 para. 2.13.1 a), PANS-Aerodromes, para. 2.3.7 and Appendix 2 to PANS-AIM.</p> |   |   |   |  |  |
| <p><b>C 30/5</b><br/><b>A &amp; B</b></p>                    | <p><b>Asia/Pacific<br/>Seamless ANS Plan</b></p> | <p>That, given the urgency and priority of Air Navigation Service (ANS) planning and modernization, and the lack of progress in implementing the Aviation System Block Upgrade (ASBU) Block 0, Asia/Pacific States are urged to:</p> <p>(1) review Version 3.0 of the Asia/Pacific Seamless ANS Plan appended as <b>Appendix A to the Report on Agenda Item 3.2</b>; and</p> <p>(2) consider utilising the Asia/Pacific Seamless ANS Plan to develop a National Air Navigation Plan (NANP) after considering the NANP Template at <b>Appendix B to the Report on Agenda Item 3.2</b>, to enable timely implementation of applicable Seamless ANS elements.</p>             | <p>ICAO RO</p> <p>APAC States and Administrations</p> | <p>Upload Seamless ANS Plan V3.0 to the website; State Letter</p> <p>Review the Plan and develop a NANP</p> | <p>15 November 2019</p> <p>As soon as practicable</p> | <p>Ref. T 3/10.0 – AP122/19 (ATM) dated 14 November 2019</p> <p><b>COMPLETED</b></p> |  |

APANPIRG/30 Conclusions/Decisions – Action Plan

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|--|---|---|------------------------|--|--|---|---|
| C 30/6<br><br>A & B  | ICAO HQ Support<br>for Regional ANS<br>Implementation | <p>That, ICAO HQ is invited to:</p> <p>(1) given the greatly increased number and complexity of Aviation System Block Upgrade (ASBU) elements in the draft 6th Edition of the Global Aviation Navigation Plan (GANP), the redefinition of ASBU Block 0 elements that were expected to be completed by 2019, and the need for more detailed and comprehensive guidance provided on the ASBU Portal for each element than is currently provided, consider:</p> <p>(i) the consequences for States of different capabilities to ensure that the No Country Left Behind (NCLB) policy is fully considered; and</p> <p>(ii) the extra resources, tools and training required to enable States to be able to understand, review, determine priorities and costs/benefits, and implement the applicable ASBU elements; and</p> <p>(2) ensure that the redevelopment of the Regional Air Navigation Plan Volume III templates allow the Asia/Pacific Seamless Air Navigation Service (ANS) Plan to be fully incorporated into Vol. III without amendment; and</p> <p>(3) ensure an urgent upgrade of the electronic regional ANS Monitoring and Reporting Scheme to:</p> <p>(i) allow States to electronically submit data related to the Seamless ANS Plan and its subsidiary plans; and</p> <p>(ii) ensure the ICAO Regional Office can amend online elements, metrics and priorities, consistent with APANPIRG endorsements.</p> | ICAO RO<br><br>ICAO HQ | IOM<br><br>Review implementation strategy for the 6 <sup>th</sup> Edition of the GANP, consider extra resources, tools and training required for the States and resources for the ROs, take into account the Seamless ANS Plan when developing the Vol. III template, and urgently provide the necessary resources to allow an update of the monitoring system | 15 November 2019<br><br>31 December 2019 | <p>Ref. T 3/10.0 – AP122/19 (ATM) dated 14 November 2019</p> <p>IOM: Ref.: T 3/10.0 - AP-ATM00152/19 dated 06 December 2019</p> <p><b>COMPLETED</b></p> | To note and request Secretariat to investigate further the issue of Implementation of Regional Air Navigation Plans with the purpose to include it as a common challenge with more concrete actions in the next consolidated report to Council on PIRGs and RASGs (ref. 2.15) |

APANPIRG/30 Conclusions/Decisions – Action Plan

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|--|---|---|--|--|--|---|--|
| C 30/7<br><br>A & B  | Asia-Pacific ATM<br>Performance<br>Measurement<br>Framework | <p>That, States are urged to consider:</p> <ol style="list-style-type: none"> <li>1. analysing the Asia/Pacific ATM Performance Measurement Framework (ATM PFM) at <b>Appendix C to the Report on Agenda Item 3.2;</b></li> <li>2. tailoring the ATM/PFM according to their own conditions, as appropriate;</li> <li>3. promoting the ATM PFM through encouraging the stakeholders to initiate their own performance measurement practice;</li> <li>4. when time and condition permit, publish a report, supporting the initiative to conduct a trial of the first phase for the initial performance measurement work; and</li> <li>5. the means by which to guide the stakeholders to perform analysis and manage improvement internally, for example, develop a comprehensive information demonstration platform for performance measurement to gather data, display outcomes with computerised support tools and technology documents as appropriate.</li> </ol> | <p>ICAO RO</p><br><p>APAC States and Administrations</p> | <p>Upload ATM PFM to the website; State Letter</p><br><p>Review the ATM PFM, consider implementation and reporting, and the means by which a demonstration platform can be developed so this can be suggested to the ATM/SG/8.</p> | <p>15 November 2019</p><br><p>July 2020</p>              | <p>Ref. T 3/10.0 – AP122/19 (ATM) dated 14 November 2019</p><br><p><b>COMPLETED</b></p> |  |
| C 30/8<br><br>A & B  | Recovery of Lost<br>Revenue due to<br>Airspace Closure      | <p>That, concerned States are urged to carefully consider enacting any ANS pricing changes aimed at recovering revenue lost during the 2019 Pakistan airspace closure. Should any States be considering such a move the meeting urges those States to enter into full and transparent consultations with airspace users and their representative bodies in accordance with ICAO Doc 9082 prior to any decisions being made.</p>   | <p>ICAO RO</p><br><p>APAC States and Administrations</p> | <p>State Letter</p><br><p>Note the principle and Doc 9082 expectations established</p>   | <p>15 November 2019</p><br><p>As soon as practicable</p> | <p>Ref. T 3/10.0 – AP123/19 (ATM) dated 14 November 2019</p><br><p><b>COMPLETED</b></p> |  |

APANPIRG/30 Conclusions/Decisions – Action Plan

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|--|--|---|--|--|--|--|--|
| D 30/9<br>A & B  | <b>Dissolution of the APUAS/TF</b>                                   | That, noting that the APUAS/TF has met its objective, and any residual tasks had been reassigned to the Secretariat, the APUAS/TF be dissolved.   | ICAO RO  | State Letter   | 15 November 2019                               | Ref. T 3/10.0, T 3/8.13.1, T 3/10.1.26 – AP124/19 (ATM) dated 14 November 2019<br><b>COMPLETED</b> |  |
| C 30/10<br>A & B   | <b>Ballistic Launch and Space Re-Entry Notification and Response</b> | That, States are urged to:<br>1. Comply with Asia/Pacific Seamless ANS Plan provisions for advance notification of ballistic launch and space re-entry activities;<br>2. Ensure that, in addition to the coordination specified in Annex 11, and in the Asia/Pacific Seamless ANS Plan, all notifications for ballistic launch and space re-entry are addressed to:<br>a) the ATC Centres in Charge of all affected Flight Information Regions; and<br>b) the International NOTAM Office of all affected Flight Information Regions; and<br>3. Ensure that NOTAMs are promulgated and tactical coordination undertaken for the management of affected airspace and traffic, immediately on receipt of notification from another State, and on receipt of any notification of changes or cancellation. | ICAO RO<br><br>APAC States and Administrations | State Letter<br><br>Note and comply with the regional expectations established | 15 November 2019<br><br>As soon as practicable | Ref. T 3/10.0 – AP123/19 (ATM) dated 14 November 2019<br><b>COMPLETED</b>                          |  |

APANPIRG/30 Conclusions/Decisions – Action Plan

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|--|---|--|---|--|--|--|--|
| D 30/11<br>A & B   | Amend FIT-Asia<br>Terms of Reference                | That, the amended FIT-Asia Terms of Reference in <b>Appendix A to the Report on Agenda Item 3.3</b> be adopted.  | ICAO RO<br><br>APAC States and Administrations      | State Letter<br><br>To note the ToR amendment                | 15 November 2019<br><br>As soon as practicable | Ref. T 3/10.0, T 3/8.13.1, T 3/10.1.26 – AP124/19 (ATM) dated 14 November 2019<br><br><b>COMPLETED</b> |  |
| C 30/12<br>A & B   | Asia/Pacific<br>Regional FIXM<br>Extension for ATFM | That, noting:<br>1. the need for interoperable system-to-system information exchange to support the implementation and automation of cross-border ATFM in the Asia/Pacific Region; and<br><br>2. the data attributes included in the Asia/Pacific FIXM version 4.1 Extension were endorsed by ATFM/SG.<br><br>The Asia/Pacific FIXM version 4.1 Extension described and provided in <b>Appendix A</b> to the Report on agenda item 3.4 be adopted and uploaded to the ICAO APAC Regional Office website for immediate use by Asia/Pacific Administrations, where the capability to do so exists, for cross-border ATFM information exchange. | ICAO APAC RO<br><br>APAC States and Administrations | State Letter<br><br>Action in accordance with the Conclusion | 20 December 2019                               | Ref.: T 8/2.10 – AP140/19 (CNS) 18 December 2019<br><br><b>COMPLETED</b>                               |  |

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|--|---|---|---|--|------------------|--|--|
| C 30/13<br>A & B   | <b>Direct controller-<br/>pilot communication<br/>SATVOICE Trials</b> | That, States who are interested in direct controller-pilot communication (DCPC) SATVOICE services are encouraged to conduct DCPC SATVOICE trials to verify its performance. | ICAO APAC RO<br><br>APAC States and Administrations | State Letter<br><br>Action in accordance with the Conclusion | 20 December 2019 | Ref.: T 8/4.13 – AP141/19 (CNS) 18 December 2019<br><br><b>IN PROGRESS</b> | To note developments related to potential performance of new generation satellite voice communications (SATVOICE) that could achieve better Required Communication Performance (RCP) standards than the current RCP 400/Vro. |

APANPIRG/30 Conclusions/Decisions – Action Plan

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|--|---|---|--|---|------------------------|---|--|
| C 30/14<br><br>A & B   | <b>Asia/Pacific<br/>Regional Transition<br/>Plan for RNP APCH<br/>Chart Identification<br/>from RNAV to RNP</b> | <p>Considering ICAO provided a guidance and template on transition planning for RNP approach chart identification,<br/>That,</p> <p>a) The Asia/Pacific Regional Transition Plan for RNP APCH Chart Identification from RNAV to RNP in <b>Appendix B</b> to the Report on Agenda Item 3.4 be adopted as a regional plan for RNP APCH chart identification transition;</p> <p>b) ICAO Regional Office coordinate with ICAO PBN Programme Office for the inclusion of the plan in the Global Dashboard for the progress monitoring;</p> <p>c) ICAO PBN Program Office to confirm that a global contingency plan has been developed and coordinated with all Regional Offices and with the major data houses;</p> <p>d) ICAO PBN Programme Office to provide an updated version of the Asia/Pacific Regional Transition Plan for RNP APCH Chart Identification from RNAV to RNP to ICAO Regional Office;</p> <p>e) ICAO Regional Office to publish the plan on the ICAO Regional Office website; and</p> <p>f) States develop their transition plan and implement the chart identification transition according to their designated slots.</p> | <p>ICAO APAC RO</p> <p>APAC States and Administrations</p> | <p>State Letter</p> <p>Action in accordance with the Conclusion</p> | <p>6 December 2019</p> | <p>Ref.: T 8/4.14 – AP125/19 (CNS) 13 November 2019</p> <p><b>IN PROGRESS</b></p> |  |

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|--|---|---|----------------|--|--|--|--|
| C 30/15<br>A & B   | <b>Revised Surveillance Strategy for the APAC Region</b>  | That, the Revised Surveillance Strategy for the APAC Region provided in <b>Appendix D</b> to the Report under agenda item 3.4 be adopted.         | ICAO APAC RO   | Posted on APAC Website and State letter to notify States     | 6 December 2019  | Ref.: T 8/5.1 – AP135/19 (CNS)<br>11 December 2019<br><b>COMPLETED</b> |  |
| D 30/16<br>A & B   | <b>Updated terms of reference and work plan of MET SG</b> | That, APANPIRG approves the updated terms of reference and work plan of MET SG at <b>Appendix A</b> to the APANPIRG/30 Report on Agenda Item 3.5. | ICAO           | MET SG ToR published in updated APANPIRG Procedural Handbook | On Council's approval of proposed updates to APANPIRG ToR/ Procedural Handbook | <b>COMPLETED</b>   |  |

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|--|----------------------------------|--|--|---|---------------|--|--|
| C 30/17<br><br>A & B   | Implementation of<br>IWXXM       | <p>That, all Member States/Administrations:</p> <p>a) Arrange for the dissemination of the required meteorological information in IWXXM GML form, in accordance with Amendment 78 to Annex 3;</p> <p>b) Implement only Version 3 of IWXXM for the exchange of the required meteorological information on operational networks from 5 November 2020;</p> <p>c) Implement Air Traffic Services (ATS) Message Handling System (AMHS), with File Transfer Body Part (FTBP) the Interpersonal Message (IPM) Heading Extension (IHE) to support the exchange of IWXXM, including support for IWXXM reports of a maximum size of 4MB and FTBP of maximum 2MB;</p> <p>d) Ensure there is adequate capacity in the operational AFS links to support the exchange of the required meteorological information in both IWXXM GML form and TAC form;</p> <p>e) Consider putting in necessary protection against cyber security, and</p> <p>f) Implement the necessary changes (above) as a priority at the APAC ROCs and RODBs.</p> | ICAO<br><br>States and Administrations | <p>State letter</p> <p>Implementation of: a) SARPs related to IWXXM; b) IWXXM V3 (or later); c) AMHS with FTBP/IHE supporting IWXXM messages &lt;= 4MB and FTBP &lt;= 2MB; d) AFS links supporting MET in IWXXM and TAC form; e) Cyber risk management (for IWXXM); and f) National plans for IWXXM readiness at ROCs/RODBs</p> | November 2019 | <p>SL Ref: AN 3/3 – AP095/20 (MET) dated 28/04/2020</p> <p>Implementation by States ongoing</p> <p>Note: MET SG/24 has formulated an updated Draft Conclusion on the same matter for adoption by APANPIRG/31</p> <p><b>COMPLETED</b></p> |  |

APANPIRG/30 Conclusions/Decisions – Action Plan

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|--|---|--|--|---|---|--|--|
| C 30/18<br>A & B   | <b>Discontinuation of meteorological information in TAC form</b>                    | That, ICAO urges States to consider necessary changes to migrate systems to enable the use of meteorological information in XML/GML (IWXXM) form, as an alternate to meteorological information in traditional alpha-numeric code (TAC) form, and prepare for consequential impacts to aviation meteorological services such as VOLMET broadcast, weather briefing system and flight documentation preparation system.   | ICAO<br><br>States and Administrations         | State letter<br><br>State plans for discontinuation of MET exchange in TAC form | November 2019   | SL Ref: AN 3/3 – AP095/20 (MET) dated 28/04/2020<br><br><b>COMPLETED</b><br><br>State plans for discontinuation of MET exchange in TAC form in progress. |  |
| C 30/19<br>A & B   | <b>Update of information in APANPIRG Air Navigation Deficiencies Reporting Form</b> | That, States/Administrations be urged to:<br><br>a) establish action plan with defined target dates for resolution of deficiencies, update the status on the corrective action taken and report progress in the Reporting Form of Air Navigation Deficiencies identified in ATM/AIM/SAR, AOP, CNS and MET fields as detailed in Appendices A to D to the Report on Agenda Item 4; and<br><br>b) update contact details of a Focal Point to coordinate actions to resolve the Deficiencies. | ICAO RO<br><br>APAC States and Administrations | State Letter<br><br>Action in accordance with the Conclusion.                   | 30 November 2019<br><br>As soon as practicable and in periodic basis. | Ref.: AN 3/3 – AP133/19 (AGA) dated 29 November 2019<br><br><b>COMPLETED</b>   |  |

— END —