



*International Civil Aviation Organization*

**The Eleventh Meeting of the FANS Implementation Team for South-East Asia (FIT-SEA/11) and the Eighteenth Meeting of the South-East Asia ATM Coordination Group (SEACG/18)**

Bangkok, Thailand, 3 – 6 May 2011

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**Agenda Item 3: Review Outcomes of Related Meetings**

**OUTCOMES OF APANPIRG/21**

(Presented by the Secretariat)

**SUMMARY**

The purpose of this working paper is to report on the Conclusions and Decisions with regard to ATM/AIS/SAR matters, agreed at the 21<sup>st</sup> Meeting of the Asia/Pacific Air Navigation Planning and Implementation Regional Group (APANPIRG/21, September 2010), which may assist in discussions at this meeting.

This paper relates to –

**Strategic Objectives:**

- A: *Safety – Enhance global civil aviation safety*
- C: *Environmental Protection and Sustainable Development of Air Transport – Foster harmonized and economically viable development of international civil aviation that does not unduly harm the environment*

**Global Plan Initiatives:**

- GPI-1 Flexible use of airspace
- GPI-3 Harmonization of level systems
- GPI-4 Alignment of upper airspace classifications
- GPI-5 RNAV and RNP (Performance-based navigation)
- GPI-6 Air traffic flow management
- GPI-7 Dynamic and flexible ATS route management
- GPI-8 Collaborative airspace design and management

**1. INTRODUCTION**

1.1 The 21<sup>st</sup> Meeting of the Asia/Pacific Air Navigation Planning and Implementation Regional Group (APANPIRG/21, September 2010) was held in Bangkok, Thailand. As well as reviewing progress on Conclusions and Decisions raised by previous APANPIRG meetings, APANPIRG/21 raised a total of 49 new Conclusions and 10 Decisions for regional action.

## 2. DISCUSSION

2.1 Conclusions and Decisions of relevance to SEACG are listed below, for which the full text of these items appear in **Attachment** to this paper.

### APANPIRG/21 List of Conclusions and Decisions of Relevance to SEACG

- |                  |   |   |
|------------------|---|---|
| Conclusion 21/4  | – | Regional Guidance material for the implementation of Amendment 1 to PANS-ATM                    |
| Conclusion 21/5  | – | Strategy for implementation of New flight Plan Format   |
| Conclusion 21/6  | – | Notification of State Transition Date to the New flight Plan Format                             |
| Conclusion 21/7  | – | Use of Global database for allocation of five-letter name codes in the Asia and Pacific Regions |
| Conclusion 21/8  | – | ICAO Asia/Pacific Seamless ATM workshop   |
| Conclusion 21/12 | – | Convening of the Seamless- ATM Ad Hoc meeting   |
| Conclusion 21/13 | – | Coordination for the Transition to the New flight Plan Format                                   |
| Conclusion 21/14 | – | Enhancement of the Global coordination for implementation of the New Flight Plan Format         |
| Conclusion 21/31 | – | Revised APAC Regional PBN Implementation Plan   |
| Conclusion 21/32 | – | Develop State PBN implementation Plan   |
| Conclusion 21/35 | – | Slow progress of PBN Implementation   |
| Conclusion 21/38 | – | Guidance Material on processing and Display of ADS-B tracks on Air Traffic Controller positions |
| Conclusion 21/50 | – | MET/ATM seminar   |
| Conclusion 21/53 | – | Elimination of ATM Air Navigation deficiencies  |
| Decision 21/57   | – | APANPIRG Contributory Bodies Structure Review Task force (ABSRTF)                               |
| Conclusion 21/58 | – | Establishment of RASG - Consequent revision to ToR of APANPIRG                                  |
| Conclusion 21/59 | – | Development of New RANP   |

3. **ACTION BY THE MEETING**

3.1 The meeting is invited to:

- a) review the Conclusions and Decisions listed above of APANPIRG/21; and
- b) take action on the Conclusions and Decisions of APANPIRG/21 as appropriate.

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**APANPIRG/21 Conclusions/Decisions – Action Plan**

Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Follow-up Action	To be initiated by	Deliverable	Target date
C 21/4	<b>Regional Guidance material for the implementation of Amendment 1 to PANS-ATM</b>	That, in order for States to clearly understand what is intended in Amendment 1, the ‘ <i>Asia/Pacific Guidance Material for the Implementation of Amendment 1 to the 15<sup>th</sup> Edition of the Procedures for Air Navigation Services – Air Traffic Management (PANS-ATM, Doc 4444)</i> ’ provided in <b>Appendix B</b> to the APANPIRG/21 Report on Agenda Item 3.2 be adopted and published as regional guidance material.	Publish the guidance material	ICAO APAC office	a) State letter  b) Upload on the website	September 2010  September 2010
C 21/5	<b>Strategy for implementation of New flight Plan Format</b>	That, the ‘ <i>Strategy for the Implementation of new ICAO Flight Plan Format and Supporting ATS Messages</i> ’ provided in <b>Appendix C</b> to the APANPIRG/21 Report on Agenda Item 3.2 be adopted and published. States and users to be urged to continue implementation planning based on the strategy.	Publish the strategy	ICAO APAC Office	a) State letter  b) Upload on the website	September 2010  September 2010

Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Follow-up Action	To be initiated by	Deliverable	Target date
C 21/6	<b>Notification of State Transition Date to the New flight Plan Format</b>	That, in order to keep the ICAO Flight Plan Implementation Tracking System (FITS) website updated, States which have not yet provided data inform the Regional Office of the initial set of data required in the FITS website, such as scheduled date and contact person, by 22 October 2010, and subsequently update the data as required.	Update FITS	States	a) State letter  b) FITS update	September 2010  22 October 2010
C 21/7	<b>Use of Global database for allocation of five-letter name codes in the Asia and Pacific Regions</b>	That, States which have not yet done so be urged to:  a) nominate an ICARD authorized user in order to make use of the ICARD system and improve the process of allocation of Five-Letter Name-Codes (5LNCs);  b) review the list of allocated 5LNCs with respect to each States, identify non-used, duplicate or non-ICAO 5LNCs and take actions to rectify the situations; and  c) update the ICARD database by adding missing information, e.g. latitude and longitude coordinates, etc; and  d) take necessary actions to implement the widespread use of the ICARD system.	a) nominate user  b) review 5LNCs  c) update ICARD  d) implement ICARD	States	a) authorized user  b) resolutions of duplication or non-ICAO 5LNC  c) ICARD update	Ongoing  Ongoing  Ongoing

Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Follow-up Action	To be initiated by	Deliverable	Target date
C 21/8	<b>ICAO Asia/Pacific Seamless ATM workshop</b>	That, ICAO be invited to organize the Asia and Pacific Seamless ATM Workshop to be held in early 2011 inviting the APANPIRG member States and other parties of interest in order to foster discussion and action for the Asia and Pacific States in the planning of the future air traffic management system, considering the overall vision for the region for seamless ATM.	Convene Seamless ATM Workshop	ICAO APAC Office	Seamless ATM Workshop	February 2011
C 21/12	<b>Convening of the Seamless- ATM Ad Hoc meeting</b>	That, while recognizing the seamless ATM needs to be addressed in a holistic manner, ICAO Regional Office be invited to <b>organize</b> a seamless ATM Ad Hoc working group meeting as soon as possible.	Convene the Seamless ATM Ad-Hoc Meeting	ICAO APAC Office	Seamless ATM Ad-Hoc Meeting	As soon as possible but not later than February 2011

Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Follow-up Action	To be initiated by	Deliverable	Target date
C 21/13	<b>Coordination for the Transition to the NEW Flight Plan Format among States</b>	<p>That, as the global and the regional harmonization is crucial in implementing the NEW flight plan format by 15 November 2012, States start close coordination soon with adjacent States/FIRs on transition about, but not limited to:</p> <ul style="list-style-type: none"> <li>i) difference of timing for transition between the States/FIRs;</li> <li>ii) operations in the mixed environment of PRESENT and NEW;</li> <li>iii) operational transition for AIDC; and</li> <li>iv) procedures when ATS messages are not processed properly.</li> </ul>	Start coordination	ICAO APAC Office  States	State letter  Coordination	March 2011

Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Follow-up Action	To be initiated by	Deliverable	Target date
C 21/14	<b>Enhancement of the Global Coordination for Implementation of the NEW Flight Plan Format</b>	<p>That, in light of the varying degree of States in implementing the NEW flight plan format, ICAO:</p> <ul style="list-style-type: none"> <li>i) urge all the States, including those outside the Asia/Pacific Region, to record their readiness in the FITS;</li> <li>ii) take action to ensure that any States or ICAO regions not use non-standard local procedures; and</li> <li>iii) ensure appropriate coordination take place between ICAO regional planning and implementation groups (PIRGs) to address implementation issues.</li> </ul>	Enhance global coordination	ICAO HQ	Issue Form	April 2011
C 21/31	<b>Revised APAC Regional PBN Implementation Plan</b>	That, the revised APAC Regional PBN Implementation Plan Version 2.0 provided in Appendix M to the Report on Agenda Item 3.4 be adopted.	Notify States	ICAO APAC Office	State Letter	October 2010



Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Follow-up Action	To be initiated by	Deliverable	Target date
C 21/32	<b>Develop State PBN Implementation Plan</b>	That, the States, which have not developed their State PBN Implementation Plans so far, be urged to develop the plan in accordance with the Asia/Pacific Regional PBN Implementation Plan at the earliest and advise the Regional Office of the impediments in the implementation of PBN.	<b>Urge State and identify impediments</b>	ICAO APAC Office  States	State Letter  Impediments in the implementation of PBN informed	March 2011
C 21/35	<b>Slow Progress of PBN Implementation</b>	That, ICAO highlights the slow progress and impediments in PBN implementation at the upcoming 47 <sup>th</sup> DGCA Conference for their support to expedite implementation.	<b>Prepare paper for DGCA Conf/47</b>	ICAO APAC Office	Paper prepared and issues highlighted	October 2010
C 21/38	<b>Guidance Material on Processing and Display of ADS-B Tracks on Air Traffic Controller Positions</b>	That, the Processing and Display of ADS-B Tracks on Air Traffic Controller positions provided in Appendix O to the Report on Agenda Item 3.4 be adopted.	<b>Notify States</b>	ICAO APAC Office	State Letter  The GM available on the Website	December 2010

Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Follow-up Action	To be initiated by	Deliverable	Target date
		<p><i>Note:</i></p> <p>1. It is considered equivalent to deactivation if NUCp or NIC is set to continually transmit only a value of zero.</p> <p>2. Regulators should take appropriate action to ensure that such regulations are complied with.</p> <p>3. ATC systems should discard ADS-B data when NUC or NIC=0</p>				
C 21/50	MET/ATM Seminar	<p>That, ICAO in coordination with WMO conduct a MET/ATM Seminar in early 2011.</p> <p><i>Note: This draft Conclusion reinstates APANPIRG Conclusion 19/53.</i></p>	<p><b>HQ consider inviting WMO as partner in MET/ATM Seminar</b></p>	<p><b>MET/AIM Section</b></p>	<p><b>Invitation Letter</b></p>	<p><b>Dec 2010</b></p>

Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Follow-up Action	To be initiated by	Deliverable	Target date
C 21/53	<b>Elimination of ATM Air Navigation Deficiencies</b>	<p>That, States concerned</p> <p>a) be urged to take urgent actions to correct the deficiencies in the ATM/AIS/SAR fields identified in Attachment A to the Report on Agenda Item 4 ;</p> <p>b) notify details of the problems/ difficulties to the Regional Office; and</p> <p>c) designate a point of contact in each State to deal with deficiencies and provide details to the Regional Office by 22 October 2010.</p>	<p>a) take actions to correct deficiencies</p> <p>b) notify details of difficulty</p> <p>c) designate point of contact</p>	States	<p>a) less deficiencies</p> <p>b) remedial actions</p> <p>c) point of contact</p>	<p>Ongoing</p> <p>Ongoing</p> <p>22 October 2010</p>

Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Follow-up Action	To be initiated by	Deliverable	Target date
D 21/57	<b>APANPIRG Contributory Bodies Structure Review Task Force (ABSRTF)</b>	That,  a) APANPIRG Contributory Bodies Structure Review Task Force with members consisting of Sub-group chairpersons, vice-chairpersons and voluntary members nominated by States be established; and  b) In coordination with ICAO Regional Office, the Task Force undertakes a review of the Terms of Reference and activities of the APANPIRG contributory bodies and proposes rationalization of their structures to APANPIRG/22 to meet the changing environment.	<b>Notify States to nominate voluntary members.</b>  <b>Establish ABSRTF</b>  <b>Review structure and develop proposals for contributory bodies</b>	<b>ICAO APAC Office</b>    <b>ABSRTF</b>	<b>State Letter</b>    <b>ABSRTF established</b>  <b>Paper prepared with proposals.</b>	<b>November 2010</b>    <b>February 2011</b>  <b>June 2011</b>
C 21/58	<b>Establishment of RASGs – Consequent revision to TOR of APANPIRG</b>	That meeting adopt the revised terms of reference of APANPIRG as shown in the Appendix A to the Report on Agenda Item 6.	<b>Notify States</b>	<b>ICAO APAC office</b>	<b>State letter</b>	<b>March 2011</b>
C 21/59	<b>Development of New RANP</b>	That, ICAO be invited to review the regional air navigation plan structure, processes and contents to incorporate them in to e-ANP and expedite its provision for use.	<b>Prepare Issue Form</b>	<b>ICAO APAC Office</b>	<b>Issue form prepared</b>	<b>December 2010</b>

\* **Note:** ICAO has established the following Strategic Objectives for the period 2005-2010:

**A: Safety** - Enhance global civil aviation safety; **B: Security** - Enhance global civil aviation security; **C: Environmental Protection** - Minimize the adverse effect of global civil aviation on the environment; **D: Efficiency** - Enhance the efficiency of aviation operations; **E: Continuity** - Maintain the continuity of aviation operations; **F: Rule of Law** - Strengthen law governing international civil aviation.