

IBAC Technical Report Summary

Subject: ICAO Planning and Implementation Regional Groups (PIRGs)

Meeting: APANPIRG / 17 (Asia and Pacific Region)

IBAC File: ICAO

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Summary:

The annual APANPIRG meeting was held in Bangkok on August 21 to 25. IBAC was represented by D. Spruston.

The APANPIRG meeting considers only Air Navigation issues. A broad range of agenda items were covered, with emphasis on the organization and Terms of Reference for the large number of various regional work groups and Task Forces. Deficiencies in the Region were again discussed in depth. There was marginal change in the deficiencies from the previous year report; however there appears strong resolve to remove the deficiencies by next year.

The issue of lack of funding for the Pacific RMA and CRAs continued to be an unresolved issue. Since FAA provides the service, States were encouraged to reimburse the FAA or loose the service (target June 30, 2007). A Task Force has been established to propose Regional Safety Monitoring Boards to develop mechanisms for airspace safety monitoring.

A list of the Working Papers is attached to this report. Please contact IBAC to view any of the specific Papers.

Implication for Business Aviation:

The direct implications to business aviation are marginal. Most of the actions being considered by this group derive from the ALLPIRG meeting.

Attention will have to be given to the Regional deficiency list. This is expected to be posted ON-LINE by the regional office and when this is done the material will be put on the IBAC website. Business aviation should consider development of a parallel deficiency list that could be used to present to such forums.

Decisions Required:

Suggest that the IBAC POC investigate a mechanism to develop a deficiency list and a common position regarding air navigation matters. Renewal of the CNS/ATM Project may be a mechanism to develop such a list.

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Report of

**Seventeenth Meeting of the
Asia/Pacific Air Navigation Planning and Implementation Group
(APANPIRG/17)**

Opening

Opening remarks were provided by the Chairman (Mr. Wong, DG Civil Aviation, Singapore), the Regional Director Mr. Lalit Shah and the Chief Regional Affairs, Vladimir Zubkov.

A total of 17 States are represented on APANPIRG, of which 13 had representatives present. In addition 6, non-member States were present as well as 4 International Organizations and a few service providers.

Agenda 1 – Review of Council and ANC Action on APANPIRG/16

The comprehensive table of the status of action items from APANPIRG/16 was reviewed. Approximately 83% of actions have been completed and 13 items are to be carried forward. There was some concern that many items were shown as completed even though the action was a State Letter and that it did not mean that the problems had been resolved. It was agreed that States still have much work to be done to action the items. The ALLPIRG report was reviewed in depth and actions of APANPIRG as a result were noted. For business aviation the tasks are to:

1. Note change to performance based from Systems based approach and to apply the Global Plan in any analysis.
2. Identify GPIs that would be of benefit.
3. Apply a business case approach for implementation of CNS/ATM applications.
4. Use of the ICAO Global Air Navigation Plan (ANP) database.
5. Apply CAEP material for route planning to reduce CO2.
6. Increase the awareness of Performance Based concept.

Agenda 2 – Asia/ Pacific Air Navigation System Related Activities

A comprehensive briefing was given by the Regional Office on a great range of current activities (WP05 summarizes). A very significant amount of discussion revolved around the organization and funding of Regional Monitoring Agencies (WP22 and WP29). A subgroup was established to recommend a mechanism to seek agreement. As a result the group recommended that:

1. A Task Force be established and report by 30 June 2007 a proposal to establish a Regional Airspace Safety Monitoring Boards;
2. FAA to remain as service provider for RMA and CRA for interim; and
3. Pacific States using the service to reimburse the FAA for service. If unable to advise FAA accordingly and service will be withdrawn.

Other issues discussed were:

1. Conditional Routes implementation
2. Conduct of a comprehensive AIS Survey to be completed by Q1 2007.
3. UAV Working Group to be established.
4. Scrutiny Group to be established to resolve the issue of flight level incompatibilities in the Western Pacific/ South China Sea area.
5. The ATS Interfacility Data Communication Task Force (AIDC) to be reconvened to define FAN message.
6. The Regional Airspace Safety Monitoring Group (RASMAG) to investigate exceedances in Target Level of Safety in the South China Sea and in Australia. Also to look into large number of height deviations. (Conclusion 17/4 and 17/5 and 17/6).
7. Established need for horizontal safety assessments for the South China Sea route structure.
8. Use the model developed by Indonesia by APAC States in development of contingency plans (WP26).
9. Language standard issues discussed and agreement on training (see WP24).
10. ATS Contingency Planning (WP26).
11. SAR Activities and coordination (WP27).
12. AIS Implementation Task Force (AITF) update report. (WP25)
13. IATA reported on need to report regularly on initiatives to conserve fuel (WP20).
14. ICAO Headquarters provided a detailed report of CNS/ATM Modernization (WP8).
15. Extensive report of the CNS/Met subgroup (WP7).

A comprehensive report of the CNS/MET Task Group was presented. It covered a large range of issues, some of the more pertinent included:

(WP7)

1. Landing and Departure Guidance using GNSS.
2. Need for PBS seminars.
3. Updating the regional strategy for ATN.
4. GNSS capability in the region.
5. Improved aeronautical information exchange management.
6. Application of ADS-B data on ACAS hardware.
7. Mode S aircraft should be inspected due to problems being discovered in Japan (Conclusion 17/29).
8. Various MET issues such as the exchange of operational met information and others.
9. Extensive discussion on surveillance methodologies such as ADS-B and multilateration trials being conducted in a number of countries.
10. An amendment to the ADS-B Implementation and Operations Guidance Document (AIGD) was approved.

IATA presented a Paper relating to ADS-B and the need to refocus the direction of the ADS –B Task Group. In effect they would like to see emphasis on ADS-B Out exclusively. It was proposed to change the TORs of the Task Group. (WP19)

Agenda 3 - CNS/ATM Implementation and Related Activities

ICAO Headquarters presented a couple of Papers. The first WP9 dealt with the update of the Global Navigation Plan. It is expected that the final version of the amendment will be available next year. The second Paper (WP10) presented a Model for a Business Case for CNS/ATM Implementation. The tool is expected to be available in September/October timeframe (soft copy).

A change was debated over an amendment to the TORs for the ADS-B Study and Implementation Task Group. An addition was made that requires the group to look at multilateral options.

Agenda 4 – Deficiencies

A detailed briefing was given on the Regional Deficiencies (WP12). The list of items is similar to previous years, but did not generate the heated debate of APANPIRG/15. Some of the more pertinent deficiencies that existed through the Region are:

1. A large number of States indicated failure to implement Annex 6 requirements for ACAS and Pressure Altitude Reporting Transponders.
2. Some States have not implemented Airspace Classification per Annex 11 Para 2.6.
3. A large number of States have not completely implemented WGS-84 (some with partial implementation and others at international airports only).
4. There were many isolated Annex 14 issues such as runway deficiencies and safety area deficiencies).

It was agreed that a Task Force should be established to actively seek means of clearing the list of deficiencies. A number of States agreed to participate on the TF.

The Chairman made a proposal to have all States commit to clearing the deficiencies before APANPIRG/18 next year. There was some reasonable level of support.

Agenda 5 Review of Outstanding Conclusions and Decisions

The Regional Director presented a Paper on the outstanding decisions etc (WP13). There was no disagreement on anything he proposed from the Paper.

Next year's meeting of APANPIRG will be held September 3, 2007

Attachment – ICAO List of Papers for the APANPIRG/17 Meeting



International Civil Aviation Organization

**SEVENTEENTH MEETING OF THE
ASIA/PACIFIC AIR NAVIGATION PLANNING AND
IMPLEMENTATION REGIONAL GROUP (APANPIRG/17)**

(Bangkok, 21 to 25 August 2006)

LIST OF WORKING AND INFORMATION PAPERS

A) Working Papers

<u>Paper No.</u>	<u>Agenda Item</u>	<u>Title</u>	<u>Presented by</u>	<u>To be presented</u>
WP/1	-	Provisional Agenda	Secretariat	RD
WP/2	1.1	Review of the Council and ANC actions on the report of the Sixteenth Meeting of ASIA/PAC Air Navigation Planning and Implementation Regional Group (APANPIRG/16)	Secretariat	HQ
WP/3	1.1	Follow-up action on APANPIRG/16 Conclusions and Decisions	Secretariat	RD
WP/4	1.2	Results of the Fifth Meeting of the ALLPIRG/ADVISORY GROUP (ALLPIRG/5) — follow-up action to be taken by APANPIRG/17	Secretariat	HQ
WP/5	2.1, 2.3	Review of ATM/AIS/SAR SG/16 Report	Chairman SG	
WP/6	2.1	Report of the Activities of the Regional Airspace Safety Monitoring Advisory Group (RASMAG)	Secretariat	Andrew
WP/7	2.2, 3	Review of CNS/MET SG/10 Report	Chairman SG	
WP/8	2.4	Developments in the Modernization of Air Navigation Systems	Secretariat	HQ
WP/9	3	Second amendment to the Global Air Navigation Plan for CNS/ATM Systems (doc 9750)	Secretariat	HQ
WP/10	3	Business case model for the implementation of CNS/ATM systems	Secretariat	HQ
WP/11	3	Key Priorities for CNS/ATM implementation	Secretariat	Li Peng
WP/12	4	Status of Air Navigation Deficiencies in the ASIA/PAC Region	Secretariat	RD

<u>Paper No.</u>	<u>Agenda Item</u>	<u>Title</u>	<u>Presented by</u>	<u>To be presented</u>
WP/13	5	Status of outstanding Conclusions and Decisions of APANPIRG	Secretariat	RD
WP/14	6	Increasing the efficiency of PIRGs	Secretariat	HQ
<i>WP/15</i>	<i>6</i>	<i>Actions towards increasing efficiency</i>	<i>Secretariat</i>	<i>RD</i>
<i>WP/16</i>	<i>6</i>	<i>APANPIRG Work Programme 2007+</i>	<i>Secretariat</i>	<i>RD</i>
<i>WP/17</i>	<i>6</i>	<i>Report of coordination meeting between Chairmen of Sub-groups</i>	<i>Chairmen of SGs</i>	<i>Jeff</i>
WP/18	4	Non – Compliance with Annex 11 – Appendix 3	IATA	
WP/19	1.1	Airlines’ Perspective of ADS-B in Asia Pacific	IATA	
WP/20	2.1	The Ongoing Challenge to Conserve Fuel	IATA	
WP/21	2.1	Language Proficiency Testing in the Fiji Islands	Fiji	
<i>WP/22</i>	<i>2.4</i>	<i>Funding Arrangements for Regional Airspace Safety Monitoring</i>	<i>Secretariat</i>	<i>Andrew</i>
WP/23	2.3	ATFM Operational Trial – Bay of Bengal	Secretariat	
<i>WP/24</i>	<i>2.1</i>	<i>ICAO Language Proficiency Update</i>	<i>Secretariat</i>	
<i>WP/25</i>	<i>2.1</i>	<i>AIS Task Force Update</i>	<i>Secretariat</i>	
WP/26	2.1	ATS Contingency Planning SIP	Secretariat	
<i>WP/27</i>	<i>2.1</i>	<i>ATS SMS and SAR SIPs</i>	<i>Secretariat</i>	

B) Information Papers

<u>Paper No.</u>	<u>Agenda Item</u>	<u>Title</u>	<u>Presented by</u>
IP/1	-	Meeting Bulletin	Secretariat
IP/2	1.2	Outcome of the Conference of Directors General of Civil Aviation (DGCA/06)	Secretariat
IP/3	3	Environmental Benefits of CNS/ATM Systems	Secretariat
<i>IP/4</i>	6	<i>FORTHCOMING ICAO EVENTS OF RELEVANCE TO PROFESSIONALS ENGAGED IN AVIATION SAFETY/FLIGHT OPERATIONS AND AIR NAVIGATION SERVICES PLANNING AND IMPLEMENTATION</i>	<i>Secretariat</i>
IP/5	2.3	ADS/CPDLC Operational Trials in Bay of Bengal and South East Asia	Secretariat
<i>IP/6</i>	2.3	<i>Summary of ATS Co-ordination Group's activities</i>	<i>Secretariat</i>
<i>IP/7</i>	2.2	<i>ATN/AMHS Transition Plan of India</i>	<i>India</i>
<i>IP/xx</i>	-	<i>Content of CD-ROM</i>	<i>Secretariat</i>
<i>IP/xx</i>	-	<i>List of Working and Information Papers for the meeting</i>	<i>Secretariat</i>