



International Civil Aviation Organization

**EIGHTEENTH MEETING OF THE METEOROLOGY
SUB-GROUP (MET SG/18) OF APANPIRG**

ICAO Regional Sub-Office, Beijing, China
18 – 21 August 2014

Agenda Item 3: Review outcomes from ICAO global groups

REVIEW OUTCOMES OF THE TWELFTH AIR NAVIGATION CONFERENCE

(Presented by the Secretariat)

SUMMARY

This paper presents follow-up, in response to APANPIRG/24 Conclusion 24/4 and Decision 24/5, on outcomes of the Twelfth Air Navigation Conference held in Montréal from 19 to 30 November 2012.

1. Introduction

1.1 The Twelfth Air Navigation Conference (AN-Conf/12) held in Montreal from 19 to 30 November 2012 agreed to a number of recommendations that call for further follow-up by the ICAO, States, International organizations and Planning and Implementation Regional Groups (PIRGs) as well as Stakeholders.

1.2 The meeting is reminded in particular of the relevance to the MET SG of AN-Conf/12 Recommendation 4/7 – *ICAO aviation system block upgrades relating to meteorological information*, and that, following its review of the AN-Conf/12 outcomes, the Twenty Fourth Meeting of the Asia and Pacific Planning and Implementation Regional Group (APANPIRG/24) held in Bangkok from 24 to 26 June 2013 adopted Conclusion 24/4 and Decision 24/5 to initiate follow-up on AN-Conf/12 recommendations by States, International organizations and the Sub Groups of APANPIRG.

2. Discussion

2.1 The meeting is reminded that, based on a review of the actions taken by the Commission under delegated authority and by the Council on the recommendations of the AN-Conf/12, APANPIRG/24 adopted the following conclusion and decision:

Conclusion 24/4 – Follow-up to AN-Conf/12 Recommendations by States and International organizations

That, the States and International organizations, on the basis of analysis of the Appendix hereto, take follow-up action as appropriate on the applicable recommendations of the AN-Conf/12.

Decision 24/5 – Follow-up to AN-Conf/12 Recommendations by APANPIRG

That the subgroups of APANPIRG study the recommendations of the AN-Conf/12, initiate the follow-up action and submit the report to APANPIRG/25.

2.2 In accordance with the above, the ICAO Regional Office issued State letter Ref.: AN 3/3-AP112/13 (AGA), dated 2 August 2013, inviting States/Administrations to initiate follow-up action as appropriate on the applicable AN-Conf/12 recommendations. A table containing confirmation of follow-up action, as provided by States, with respect to the applicable AN-Conf/12 Recommendation 4/7 – *ICAO aviation system block upgrades relating to meteorological information*, is presented in **the Attachment** to this paper.

2.3 The meeting is reminded that APANPIRG/24 also considered as a first step to assign the task to the APANPIRG Sub Groups in developing an implementation plan for the relevant recommendations and submit a report on the outcomes of these actions to APANPIRG/25.

3. Action by the Meeting

3.1 The meeting is invited to note the information contained in this paper.

FOLLOW-UP TO AN-CONF/12 RECOMMENDATIONS

RECOMMENDATIONS ADOPTED BY AN-CONF/12	Follow-up action to be initiated	Proposed Response/Actions By ACSICG/1	Proposed Response/Actions By ADS-B SITF	AUSTRALIA	HONG KONG CHINA	NEW ZEALAND	SINGAPORE	THAILAND	USA
	PIRGS/States/International Organizations (IO)								
<p>Recommendation 4/7 – ICAO aviation system block upgrades relating to meteorological information</p> <p>That the Conference:</p> <p>a) endorse the aviation system block upgrade module relating to meteorological information included in Block 1, including the addition of the provision of information on space weather, and recommend that ICAO uses it as the basis of its work programme on the subject;</p> <p>b) agree in principle the aviation system block upgrade module relating to meteorological information included in Block 3 as the strategic direction for this subject;</p> <p>That ICAO:</p> <p>c) include, following further development and editorial review, the aviation system block upgrade modules relating to meteorological information in the draft Fourth edition of the <i>Global Air Navigation Plan</i> (Doc 9750, GANP);</p> <p>d) undertake the development of the air traffic management meteorological information integration plan and an associated roadmap by a cross-disciplinary group of experts;</p> <p>e) work on defining the meteorological information exchange model as an enabler for system-wide information management;</p> <p>f) invite the next Meteorology Divisional Meeting, held in coordination with the World Meteorological Organization, to develop initial provisions in Annex 3 – <i>Meteorological Service for International Air Navigation</i> relating to the aviation system block upgrade modules concerning meteorological</p>	c) to f): Note.			<p>Australia will implement meteorological related ASBU based on operational needs.</p> <p>Australia is active in ICAO and other fora developing SARPs and promoting implementation.</p>	<p>g) Hong Kong, China has implemented ASBU B0-AMET.</p> <p>h) A Plan is being developed to implement ASBU Block 1 and 3 relating to meteorological information. Education and training investment will be enhanced as necessary.</p>	<p>Addressed in the National Airspace and Air Navigation Plan. New Zealand participates widely in international aviation meteorology working groups.</p>	<p>g & h) Singapore has implemented B0-AMET and is working closely with the MET Services Singapore to enhance ATM operations</p>	Noted.	<p>g) The FAA supports the ASBU and is leading the development of Roadmaps for volcanic ash and the World Area Forecast System and supports the provision of OPMET data via the World Area Forecast System File Service (WIFS)</p> <p>h) The FAA in cooperation with the NWS supports computer based training that is accessible to all aviation weather meteorologist to further improve their skills and is ensuring that the meteorological services provided by the United States as defined in the ASBU are in harmony as practicable with U.S. National practices.</p>

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<p>information and f) above, and to develop a long-term strategy to support their further development and full implementation;</p> <p>That States:</p> <p>g) according to their operational needs, to implement the aviation system block upgrade module relating to meteorological information included in Block 0, including the addition of the provision of OPMET information;</p> <p>h) work together in the implementation of the aviation system block upgrades relating to meteorological information and to increase investment in education and training.</p>	<p>g): States , according to their operational needs, to implement the ASBU module relating to meteorological information included in Block 0, including the addition of the provision of OPMET information;</p> <p>h) work together in the implementation of the ASBU relating to meteorological information and to increase investment in education and training.</p>								