



International Civil Aviation Organization

**SEVENTEENTH MEETING OF THE METEOROLOGY
SUB-GROUP (MET SG/17) OF APANPIRG**

Bangkok, Thailand, 13 – 16 May 2013

Agenda Item 7: Meteorological advisories, warnings and hazards

7.3) Review METWSG SIGMET advisory

CONCEPT OF REGIONAL SIGMET ADVISORY CENTRES

(Presented by Hong Kong, China)

SUMMARY

This paper provides an update on the progress with the proposal of Regional SIGMET Advisory Centres (RSACs).

1. Introduction

1.1 SIGMET deficiencies refer to, among others, non-issuance of SIGMET or issuance of SIGMET with the wrong format by States. At CNS/MET SG/16 meeting, the meeting was apprised of the review and evaluation of the SIGMET advisory trial in the Asian region, which was designated by the Meteorological Warnings Study Group (METWSG) and conducted by China between 4 May and 30 July 2011, covering 10 States (namely Bangladesh, Cambodia, China, Democratic People's Republic of Korea, Lao People's Democratic Republic, Mongolia, Myanmar, Nepal, Thailand and Vietnam), 18 meteorological watch offices and 19 flight information regions. Similar trials were conducted in Africa, with France and South Africa as the advisory centres.

1.2 The trials proved that regional SIGMET advisory centres could contribute positively to the availability of SIGMET. There was an improvement in the issuance of SIGMETs by some States with SIGMET deficiencies, in respect of the availability and the format of the SIGMET messages issued. The results and evaluation of the trials were presented to METWSG/4 in Montréal in May 2012.

1.3 At CNS/MET SG/16, the meeting was informed of the action formulated by the METWSG/4 to develop a final proposal for endorsement by the MET Divisional Meeting, by 15 March 2013, on SIGMET implementation, which includes development of a concept of operations for a global or multi-regional advisory system and criteria for the selection of regional advisory centres by the respective PIRGs, development of a revised format for the advisory information, development of an amendment proposal to Annex 3 to introduce an advisory system based on the concept of operations.

Progress

1.4 A draft Concept of Operations, proposed amendment to Annex 3 with a revised advisory template to address the comment that more information should be included in the advisory on the evolution of the significant weather have since been developed and circulated amongst METWSG members for comment.

1.5 The proposals would be discussed by the METWSG at its upcoming meeting in June 2013. Subject to further comment and endorsement of METWSG, the concept of operation of RSAC would be presented for endorsement at the MET Divisional Meeting in 2014.

2. Action by the Meeting

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