



International Civil Aviation Organization

**THE SECOND MEETING OF ASIA/PACIFIC METEOROLOGICAL
ADVISORIES AND WARNINGS IMPLEMENTATION TASK FORCE
(METWARN/I TF/2)**

Bangkok, Thailand, 19 – 20 April 2012

Agenda Item Conjoint: SIGMET

**b) Regional participation in SIGMET advisory trial (monitoring and
coordination)**

**THE ISSUANCE OF SIGMET FOR THE PHNOM PENH FIR BY THE MWOs OF CAAC ON
BEHALF OF PHNOM PENH MWO**

(Presented by China)

SUMMARY

This paper summarizes the experience of SIGMET issuance for the Phnom Penh FIR by Chinese MWOs on behalf of Phnom Penh MWO.

1. INTRODUCTION

1.1 This paper discusses the issuance of SIGMET for the Phnom Penh (VDPP) FIR by the Kunming (ZPPP) MWO (from 1 June 2009 to 31 August 2010) and Chengdu (ZUUU) MWO (since 1 September 2010) on behalf the Phnom Penh MWO.

1.2 A bilateral Letter of Agreement between the Air Traffic Management Bureau (ATMB) of the Civil Aviation Administration of China (CAAC) and the Flight Operation and Safety Department (FOSD) of the State Secretariat of Civil Aviation of Cambodia (SSCA) became effective on 1 June 2009. In light of this LOA, the Kunming MWO issues SIGMET for the Phnom Penh FIR on behalf of the Phnom Penh MWO from 0001UTC June 2009.

1.3 From 1 September, 2010, Chengdu MWO of CAAC took over the responsibility of issuing SIGMET for the VDPP FIR.

2. SIGMET INFORMATION TESTS FOR VDPP FIR

2.1 On behalf of VDPP MWO, ZUUU MWO successfully participated in the SIGMET tests for tropical cyclone, volcanic ash and other weather phenomena in Asian region in Nov. 2010 and Nov. 2011.

3. SIGMET INFORMATION ISSUANCE BY ZPPP MWO FOR VDPP FIR

3.1 Several months before the start of the issuance of SIGMET information for VDPP FIR, sufficient preparation had been made by ZPPP MWO. In April 2009, ZPPP MWO set up the implementation plan: *VDPP SIGMET information issued on behalf of VDPP MWO*. Related information about VDPP FIR, including geological and climatology characteristics, had been studied. Training on related issues, AFTN routing test and operational system update had also been implemented as planned.

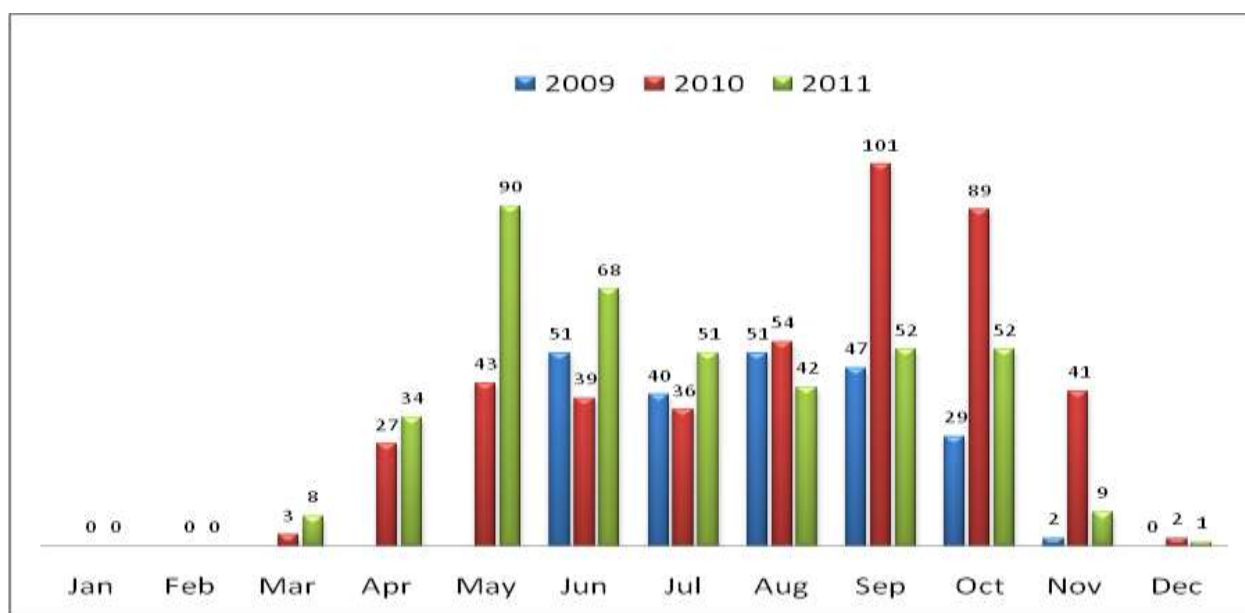
3.2 At 0732UTC, 1 June, 2009, Kunming MWO issued the first SIGMET information for Phnom Penh FIR, which marks the work into the formal implementation stage.

3.3 From 1 June 2009 to 31 August 2010, totally 422 SIGMETs information have been issued for VDPP FIR by Kunming MWO.

4. SIGMET INFORMATION ISSUANCE BY ZUUU MWO FOR VDPP FIR

4.1 From 1 September, 2010, Chengdu MWO issued SIGMET information for Phnom Penh FIR.

4.2 From 1 September 2010 to December 2011, totally **1062 SIGMETs** information have been issued for Phnom Penh FIR. **101 SIGMETs** information were issued in September 2010, more than 3 **SIGMETs** information per day on average. During the rainy season (May to October), more **SIGMETs** information were issued. Only a few **SIGMETs** information were issued in winter: a total of **SIGMETs** information in December, and no **SIGMET** information in January and February. Due to limited data resource, most SIGMETs information was about TS.



5. EXCHANGE VISIT

5.1 From 5 to 8 December 2011, the first exchange visit meeting between the State Secretariat of Civil Aviation (SSCA) of Cambodia and The Civil Aviation Administration of China (CAAC) for “ The Strengthening Cooperation On The provision of Aeronautical Meteorology Services Over Phnom Penh Flight Information Region ” was held in Phnom Penh, Cambodia. The meeting was attended by 19 officials from Cambodian side, and 6 officials and experts from CAAC.

5.2 The Meeting was co-chaired by H.E. Chea Aun, Director General (DG) of the State Secretariat of Civil Aviation (SSCA) of Cambodia and Mr. Chen Chao, Deputy Director General of Southwest ATMB of CAAC, Head of CAAC delegation.

5.3 In the meeting, SSCA official presented a presentation on the Introduction of Aviation Meteorological Services at Phnom Penh and Siem Reap International airports. The presentation was highlighting the history of SSCA meteorological services and the current situation of meteorological services for both airports.

5.4 In the meeting, CAAC officials gave four presentations:

- Presentation on how to issue SIGMET for Cambodia by Kunming MWO and Chengdu MWO
- Presentation on Chengdu MWO
- Introduction on Chengdu Meteorological Center of Southwest ATMB, CAAC
- Presentation on Aeronautical Meteorological Service in China.

5.5 In the meeting, CAAC officials made site visit to Phnom Penh Aeronautical Meteorological Office, both sides shared very fruitful discussion on the technical and operational matters and agreed to set recommendations on how to establish “Met Watch Office” and how to issue SIGMET information for VDPP FIR.

5.6 In the meeting, SSCA and CAAC agreed to continue and strengthen the cooperation on Aviation Meteorological Service, especially on SIGMET issuance, in the future. And both sides agreed on an exchange visit to Chengdu MWO in 2012: SSCA is invited by CAAC to send some experienced forecasters to attend a training program on SIGMET issuance provided by Chengdu MWO in China in 2012.

6. ACTION BY THE MEETING

6.1 The group is invited to note the information in this paper.
