



International Civil Aviation Organization

**The Ninth Meeting of the Asia/Pacific Aeronautical Information Services –
Aeronautical Information Management Implementation Task Force
(AAITF/9)**

Pattaya, Thailand, 24 – 27 June 2014

Agenda Item 4: AIS-AIM Updates

CAMBODIA AIS TO AIM TRANSITION UPDATE

(Presented by CAMBODIA)

SUMMARY

This paper presents the progress and issues which Cambodia has made or is now facing in transitioning from AIS to AIM.

1. INTRODUCTION

1.1 Aeronautical Information Management (AIM) has been recognized by ICAO to be one of the key elements in the Global Air Traffic Management (ATM) Operational Concept with the “Roadmap for the Transition from AIS to AIM” published by ICAO in 2009 for global implementation of AIM. Following that, the State Secretariat of Civil aviation of Cambodia (SSCA) as regulatory body has worked out with the Cambodia Air Traffic Services Co. Ltd (CATS) as an air navigation services provider to upgrade its ATM Systems that can incorporate a new AIM system (AIMS). The AIS to AIM team was then formed to plan and implement the transition from AIS to AIM.

1.2 Looking into the AIS to AIM status for Cambodia, after the almost done of every steps in Phase 1, the consolidation process, the Phase 2, Going Digital is comparatively at slow pace to neighboring countries. In respond, SSCA and CATS sent their staff to do benchmarking study about AIS to AIM implementation at the Viet Nam Aeronautical Information Service Center (VNAIC) at Hanoi under the cooperation of the Civil Aviation Authority of Viet Nam.

1.3 With the result of the benchmarking, essential information regarding the implementation was acquired to identify Cambodia’s challenging issues in the ICAO transition from AIS to AIM, Phase 2 –Going Digital. To cope with the challenges ahead, SSCA and CATS (regulator and ANSP) are currently working out closely to identify their own difficulties. Therefore, the defining tasks and responsibility as well as delegation the part thereof are to identify at the top management meeting between SSCA and CATS on June 20, 2014.

1.4 The above meeting would define clear specific tasks and responsibilities between SSCA (regulator) and CATS (air navigation service provider) in implementing Phase 2 going digital which acquires mostly automation to complete the tasks.

2. CAMBODIA’S AIS TO AIM STATUS

Follow-up of Transition Phase of AIS to AIM

2.1 Cambodia will soon publish the AIP in the form of CD-ROM and in the website. At initial stage, eAIP Web was established and it was linked via Cambodia Air Traffic Services (CATS) company’s website with address www.cats.com.kh/eaip. The eAIP loading in CATS website can be now viewed in PDF format. CATS and SSCA are working for official launching with AIC date.

2.2 In preparation for the AIS to AIM training, CATS and SSCA invited AIS specialists at VNAIC to update the knowledge of AIM and its implementation to all Cambodian AIS specialists who are working at AIS headquarter and AIS at Aerodrome for one week. The training will start in the month of July, 2014, covering the issues of ICAO AIS to AIM transition, eAIP, AIXM/AICM, Digital NOTAM, and eTOD. In addition, CATS is planning for advanced AIS training for its AIS to AIM team in Singapore aviation academy (SAA), Singapore.

2.3 With the successful implementation of performance based navigation (PBN) at Phnom Penh and Siem Reap international airports, the final Wgs-84 survey which was planned for Sihanouk international airport in earlier 2014 was shifted to Q4 of 2014. SSCA and CATS flight procedure designers will start designing PBN SID /STAR and RNAV (GNSS) approach following the completion of the survey which is expected to finish within Q4 of 2014.

2.4 CATS has installed AIDC and AMHS for the purpose of facilitation air traffic control communication with adjacent ACCs. After completion its internal testing, the AIDC is ready for testing with neighboring ANSPs such as Vietnam and Thailand. In particular, the AMHS between Cambodia and Thailand has been put into operational since 2013. Apart from communication system, 3 ADS-B receivers were installed and they were also integrated with MSSR.

2.5 CATS AIS reporting office at Phnom Penh international airport was renovated and expanded to accommodate perspective automation and staff in the future. The renovation of Siem Reap AIS reporting office and associated building were discussed with CATS counterpart, Cambodia Airport Management (CAMS) and regulator (SSCA) on May 02, 14. The project is expected to start in August 2014.

2.6 The electronic flight plan filing system which was created by CATS ATS system developer was installed in 2012 at the AIS reporting office at both Phnom Penh and Siem Reap international airport to eliminate human error; this application was also planned for airliners to use.

3. CONCLUSION

3.1 SSCA is positively working for the outcome of transitioning from AIS to AIM tasks; thus, require the delegation of tasks and responsibilities regarding the scope of the Phase 2 to the ANSP (CATS). CATS with the approval from SSCA will approach or get the vendor for AIS and AIM automation so that it can stay in touch with the ICAO AIS to AIM implementation in Phase 2 and 3.

4. ACTION BY THE MEETING

4.1 The meeting is invited to:

- a) note the information contained in this paper; and
- b) encourage States in the Asia/Pacific Region to share their experience in progress AIS to AIM development..

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