



ASSEMBLY — 38TH SESSION

TECHNICAL COMMISSION

Agenda Item 34: Air Navigation — Monitoring and Analysis

UPDATES ON AIR NAVIGATION ACTIVITIES IN VIET NAM

(Presented by Viet Nam)

EXECUTIVE SUMMARY

This information paper provides a brief update on air navigation activities in Viet Nam.

<i>Strategic Objectives:</i>	This working paper relates to the Safety and the Environmental Protection and Sustainable Development of Air Transport Strategic Objectives.
<i>Financial implications:</i>	Not applicable.
<i>References:</i>	Not applicable.

1. INTRODUCTION

1.1 The air navigation system of Viet Nam provides ATS and other air navigation services (ANS) for more than 100 airlines operating within or over Ha Noi and Ho Chi Minh FIRs, as well as at 07 international airports and more than 15 domestic airports for the civil flight operations in the whole country.

1.2 The traffic volume is increasing. In August 2013, the average traffic volume was 1422 flights per day, including 608 landing and take-off and 814 overflights.

2. BRIEF UPDATES ON ACTIVITIES

2.1 Regulations and programmes:

- issuance of regulation of aviation SAR coordination (at governmental level), the regulation on aeronautical charts and maps, ANS safety inspector handbook;

- issuance of circular for air navigation safety and deployment of SSP, runway safety programme as well as air navigation safety programme;
- continuation of comprehensive programme on new and revised domestic and international ATS routes;
- amendment of operations manuals for ATS/AIS/MET/CNS/PANS- OPS units, aerodrome emergency plans and SAR plans; and
- continuation of the programme on overcoming ICAO Audit Team's findings, recommendations in ANS, etc.

2.2 The main activities in ATM:

- implementation of new ATS routes R335, R328 and revised ATS routes (linking to new Phu Quoc international airport);
- implementation of ICAO new FPL format and ATS messages since Feb 2012;
- promulgation of ATS airspace classification in Viet Nam FIRs;
- implementation of SMR procedures at Noi Bai and Tan Son Nhat international airports;
- study on optimization of ATS responsibility areas, reducing radar minima separation within Ho Chi Minh FIR, revision of flight procedures etc.;
- re-signing ATC LOA between Ho Chi Minh ACC and Phnom Penh ACC; and
- maintenance of ADS/CPDLC operation within Ho Chi Minh FIR.

2.3 The main activities in MET, AIS and SAR

- official operation of new automated AIS system;
- enhance of MET, AIS equipment and services at the airports in Viet Nam;
- issuance of AICs, AIP Supplements and Amendments; taking measures for compliance with the AIRAC notification periods;
- optimization of SAR areas of responsibility between airport and air traffic management corporations; participating in operation of LUT station in Hai Phong, Viet Nam;
- carry out of National level SAREX-2012 in the Northern area, airport emergency exercises at airports in Viet Nam; and
- routine checking for anti-flooding activities, airport emergency services and RCC/RSC, etc.

2.4 The new CNS/ATM system:

- continuation of Project for the capacity development for transition to the New CNS/ATM system in Viet Nam, which are sponsored by Japan's Government from 2010-2015;
- starting the preparation to provide a flight calibration service for PBN in Viet Nam;
- completion of projects on new Noi Bai/Tan Son Nhat/Phu Quoc/Can Tho/Chu Lai ATC Towers, continuation of Project on new Ha Noi ATC centre;
- installation and operation of new PSR/SSR station at Tan Son Nhat airport, 02 new SMRs at Noi Bai and Tan Son Nhat airports, RDP/FDP at Ha Noi ACC;
- installation and operation of 03 ADS-B stations to ensure full surveillance coverage for whole Ho Chi Minh FIR;
- testing AIDC between Ha Noi ACC and Ho Chi Minh ACC;
- organizing a number of PBN training courses and workshops in Viet Nam, etc.; and
- to establish PBN flight procedures at Phu Bai and Phu Quoc international airports.

2.5 Other activities are

- taking corrective actions for air navigation deficiencies in respect of ATS field (airspace classification);
- taking actions for proposal on amendment for GANP on ATM aspect.
- setting up and maintaining operation of CAAV's ANS safety inspector system as well as ANSP's safety management system; and
- cooperation with CAA Singapore on sharing data of ADS-B coupled with VHF at Con Son island, coordination with the civil aviation authority of Thailand, Laos and Cambodia on ATS routes, ATC and other air navigation matters, etc.

3. **ACTION BY THE MEETING**

- 3.1 The meeting is invited to note the information presented in the paper.

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