



*International Civil Aviation Organization*

**The 10<sup>th</sup> Meeting of the FANS Implementation Team for South-East Asia (FIT-SEA/10) and the 17<sup>th</sup> Meeting of the South-East Asia ATS Coordination Group (SEACG/17)**

Singapore, 24 – 27 May 2010

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- Agenda Item 5: Review current operations across South-East Asia and identify problem areas**  
**Agenda Item 6: Implementation of the CNS/ATM Systems in the Region**  
**Agenda Item 7: ATS Route Development**

**UPDATES ON ATS ACTIVITIES IN VIET NAM**

(Presented by Viet Nam)

**SUMMARY**

This paper provides a brief update on ATS activities for year 2009-2010 in Viet Nam. The paper also provides certain issues in ATC coordination, which should be resolved as soon as possible.

**1. INTRODUCTION**

1.1 The Air Navigation System of the Civil Aviation of Viet Nam provides ATS, CNS, MET, AIS and SAR services in accordance with its National laws and regulations, ICAO Standards, Recommended Practices and the int'l general rules.

1.2 Today, our ATS services and other ANS services are provided for more than 100 airlines operating within or over Ha Noi and Ho Chi Minh FIRs, as well as at 04 int'l airports and more than 16 domestic airports for the civil flight operations in the whole country. In April 2010, the average traffic volume is approx. 974 flights per days (including 545 overflights).

1.3 In the ATS regard, the Vietnam Air Navigation Services Corporation provides with tower control, approach control and area control services within Ha Noi and Ho Chi Minh FIRs; Northern, Middle and Southern Regional Airport Corporations provide ATS reporting service at aerodromes, ground control service at Noi Bai, Da Nang and Tan Son Nhat int'l airports.

**2. BRIEF UPDATES ON MAIN ATS ACTIVITIES 2009-2010**

2.1 Regulations and programmes:

- Finalization and adoption of ATS Manuals for most ATS units in Vietnam.
- Translating ATS Contingency Plan into English.
- Issuance of new and revised Manuals on Flight operations in the aerodrome airspace areas, flight procedures at certain aerodromes and associated operational minima.

- Completing the Programme on issuance of Operational Approval for ANS systems/equipments and the Programme on issuance of Operational Approval for ATS, CNS, MET, AIS units.
- Finalizing drafts of Circular and Guidance on ATS safety; enhancing ATS safety system and ATS incident investigation procedure and capabilities.
- Continuation of the Programme on overcoming ICAO Audit Team's findings/recommendations in ATS.

2.2 ATS routes: In coordination with the relevant Organizations and agencies, the Civil Aviation Administration of Viet Nam (CAAV) has implemented 04 domestic ATS routes/segments, 04 int'l ATS routes as follows:

- Extension of routes W10 and W12, new routes W17 and W22 since July 2009.
- Extension of route B329 and G221, new route B214 and Q15 since February and March 2010 respectively.
- Revision of other related ATS routes.

The ATS route plan is as follows:

- New ATS routes R213 (Can Tho – Phnom Penh) and extension of ATS route R334 from Shihanoukville to Phu Quoc are going to be implemented in July - August 2010.
- The new route/corridors to/from Chu Lai airport, which has planned to upgrade to int'l airport, would be implemented in Quarter IV/2010 – Quarter I/2011.
- The planned ATS routes B224 (Cat Bi –Nankang), one way route M756 (ENREP – Tan Son Nhat) will be further coordinated as well as considered for safety assessment in Quarter IV/2010 – Quarter I/2011.
- Revision of certain domestic routes is going to be implemented in July – August 2010.
- Further coordination for the establishment of new ATS route Siem Riep – UBON – VILAO serving an increasing traffic between Ha Noi and Siem Riep.

2.3 ATS activities:

- Continuation of implementation the revised RVSM flight level system within Ho Chi Minh FIR under ICAO Regional Plan.
- Continuation of ADS/CPDLC operation, implementation of RNP 50NM/50NM separation on RNAV routes L642 and M771 within Ho Chi Minh FIR.
- Participating in AFTM operations for the Westbound traffic overflying Kabul FIR.
- Coordination for implementation of RNP 50NM/50NM separation on routes L625 and N892 as well as for harmonization ATS Contingency Plans.

2.4 The coordination between relevant ACCs is as follows:

- Ha Noi ACC is currently coordinating with Nanning, Sanya, Ho Chi Minh, Vientiane and Kunming ACCs. ATC LOAs between Ha Noi ACC and Ho Chi Minh ACC/Nanning ACC/Vientiane ACC have been revised.
- Ho Chi Minh ACC is currently coordinating with Sanya, Manila, Singapore, Kuala Lumpur, Phnom Penh, Vientiane and Ha Noi ACCs. ATC LOAs between Ho Chi Minh ACC and Ha Noi ACC/Sanya ACC have been revised for the implementation of new and revised ATS routes.

- The ATS-DS circuit between Ho Chi Minh ACC and Manila ACC had certain troubles from 25 November 2009 till 18 March 2010, and has been improved for the time being.
- The coordination is being in accordance with the ICAO provisions and current ATC LOAs. It is continuously enhanced in the respect of communication means, ATC coordination procedures and controller’s skill. ATC controller’s experience is exchanged among the relevant ACCs.
- Outstanding issues: The revised ATC LOA between Ho Chi Minh and Kuala Lumpur, which has been addressed by CAAV at SEACG/15, should be signed as soon as possible. Ho Chi Minh ACC has encountered certain difficulties in coordination with Sanya ACC for Northeast bound traffic during night time when flow control restriction took place within Taipei FIR.

2.5 CNS/ATM:

- Project on developing Master Plan for CNS/ATM systems which are sponsored by Japan’s Government is completing.
- New Noi Bai and Tan Son Nhat Aerodrome Tower Projects on are being on progress.
- Feasible studies of New Hanoi AACC Project and New Phu Quoc Aerodrome Tower Project have been carried out.
- Plan for Project on ADS-B has set up.
- AIDC between Ho Chi Minh ACC and Sanya ACC has been agreed to set up in the coming time, etc.

2.6 Reviewing the Recommended Actions as agreed at the SEACG/16, taking corrective actions for air navigation deficiencies in respect of ATS field, namely: ATS airspace classification and other activities.

**3. ACTION BY THE MEETING**

3.1 The meeting is kindly requested to note information presented in the paper.

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