



International Civil Aviation Organization

**The Twenty-Second Meeting of the APANPIRG ATM/AIS/SAR Sub-Group
(ATM/AIS/SAR/SG/22)**

Bangkok, Thailand, 25 – 29 June 2012

**Agenda Item 5: Provision of ATM/AIS/SAR in the Asia/Pacific Region, including associated
CNS matters**

UPDATES ON ATM/AIS/SAR ACTIVITIES IN VIET NAM

(Presented by Viet Nam)

SUMMARY

This paper provides a brief update on ATM/AIS/SAR activities in Viet Nam from the last meeting up to now. The paper also addresses the main matters which would need a closely coordination in the coming time.

This paper relates to –

Strategic Objectives:

- A: *Safety – Enhance global civil aviation safety*
- C: *Environmental Protection and Sustainable Development of Air Transport – Foster harmonized and economically viable development of international civil aviation that does not unduly harm the environment*

Global Plan Initiatives:

- GPI-1 Flexible use of airspace
- GPI-2 Reduced vertical separation minima
- GPI-3 Harmonization of level systems
- GPI-4 Alignment of upper airspace classifications
- GPI-5 RNAV and RNP (Performance-based navigation)
- GPI-6 Air traffic flow management
- GPI-7 Dynamic and flexible ATS route management
- GPI-8 Collaborative airspace design and management
- GPI-9 Situational awareness
- GPI-10 Terminal area design and management
- GPI-11 RNP and RNAV SIDs and STARs
- GPI-12 Functional integration of ground systems with airborne systems
- GPI-13 Aerodrome design and management
- GPI-14 Runway operations
- GPI-15 Match IMC and VMC operating capacity
- GPI-16 Decision support systems and alerting systems
- GPI-17 Data link applications
- GPI-18 Aeronautical information
- GPI-19 Meteorological Systems
- GPI-20 WGS-84
- GPI-21 Navigation systems
- GPI-22 Communication infrastructure
- GPI-23 Aeronautical radio spectrum

1. INTRODUCTION

1.1 The Air Navigation System of Civil Aviation of Vietnam provide ATS, AIS, SAR and other air navigation services (ANS) for more than 100 airlines operating scheduled flights within or over Ha Noi and Ho Chi Minh FIRs, as well as at 06 international airports and more than 15 domestic airports for the civil flight operations in the whole country.

1.2 The traffic volume has been increasingly over the past years. In May 2012, the average traffic volume is approx.1200 flights per day (540 landing and take-off flights, 660 overflights).

2. DISCUSSION

Brief Update on Activities 2011-2012

2.1 Regulations and Programmes:

- Adoption of Master Plan for development of air navigation systems of Vietnam Civil Aviation by the year of 2020 and main orientations toward the year of 2030.
- Issuance of the Circular on air navigation safety, Guidance on establishment of SMS and SMS Manual in air navigation fields, Guidance on establishment of air navigation safety inspectors, Guidance on exceptions in air navigation fields and Guidance on training records for ANS staff.
- Issuance of ATM Contingency Plan of Vietnam Civil Aviation; updating Operational Manuals for ATS/AIS units, aerodrome emergency Plans and SAR Plans; finalizing draft of Decree on civil aviation SAR coordination, etc.
- Continuation of the comprehensive Programme on new and revised ATS routes (for both domestic and international routes).
- Continuation of the Programme on overcoming ICAO Audit Team's findings, recommendations in ANS; deploying ANS safety management activities, etc.

2.2 Main ATM activities:

- Implementation of new RNAV route M505 VOR/DME Buon Ma Thuot –NDB MD – VOR/DME SRE, continued coordination for ATS routes/segments PAE - TATEL, Cat Bi – Nankang.
- Implementation of radar spacing reduction on ATS routes A1 and A202 from 40NM to 30NM.
- Re-signing ATC LOAs between Ha Noi/Ho Chi Minh ACCs and Sanya ACC/Vientiane ACC.
- On-going works for new flight plan format and ATS messages, English proficiency for ATC controllers.
- Completing ATS airspace classification process.
- Preparing for operation of new Noibai ATC Tower, maintenance of ADS/CPDLC operation within Ho Chi Minh FIR, etc.

2.3 Main AIS and SAR activities:

- AIS: Publication of the Fourth Edition of Vietnam AIP; trial operation of new automated AIS system; enhancing AIS service at the domestic airports in Viet Nam; issuance of AICs, AIP Supplements and Amendments; taking measures for compliance with the AIRAC notification periods, etc.
- SAR: Participating in SAR 79 activities with the Maritime Authority of Vietnam; conducting airport emergency exercises at airports in Vietnam; preparing for SAREX-2012 (at National level) in the Northern region of Vietnam; reviewing current SAR LOAs with adjacent FIRs; routine checking for anti-flooding activities, aerodrome emergency and SAR services, etc.

Brief on Main Proposed Coordination Matters

2.4 Further consideration for new ATS/RNAV routes with shorter distances serving traffic between Ha Noi and Yangon through Vientiane, Bangkok and Yangon FIRs; Ha Noi and Hong Kong/Ma Cau and beyond; Ha Noi and Australian destinations (near future); etc.

2.5 Further coordination for re-signing ATC LOA between Ho Chi Minh ACC and Kuala Lumpur in order to meet changes of new FLOS/FLAA being applied in the area since July 2008.

2.6 Further coordination for re-signing SAR agreements between CAAV and CAAS as well as CAAV and CAAP in order to update its data's content and revise operational contents (if any).

2.7 Further consideration for signing the Operation Coordination Agreement with the concerned civil aviation authorities in order to support the ATM Contingency Planning based on a common format developed by the Regional ATM Contingency Plan Task Force.

2.8 Speeding-up a setting/testing AIDC between Ho Chi Minh ACC and Sanya ACC, Singapore ACC and other activities.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper;
- b) encourage the CAAs concerned to support and closely coordinate with CAAV in implementing the activities noted in paragraph 2.4-8; and
- c) discuss any relevant matters as appropriate.

.....