



International Civil Aviation Organization

**Fourth Meeting of the Southeast Asia Route Review Task Force
(SEA-RR/TF/4)**

Bangkok, Thailand, 22 – 26 November 2010

Agenda Item 6: ATS Route Development

ROUTE PROPOSALS

(Presented by IATA)

SUMMARY

This paper summarises some of the route or operational enhancements already submitted to the SEA-RR TF. IATA proposes the meeting revisits these issues and decide appropriate priorities and timelines

1. INTRODUCTION

- 1.1 Under the direction of APANPIRG, the SEA-RR Task Force was established to provide route enhancements supporting the ICAO AR-9 traffic flow. The first meeting of this TF was held in December 2009.
- 1.2 A number of regional proposals have been presented that could provide increased efficiencies for operations.
- 1.3 While the task force itself is still relatively new, having only met 3 times to date, no formal agreements or conclusions have been made as a result of these proposals.
- 1.4 IATA therefore felt it appropriate to summarise the proposals to date with the idea of establishing some priorities for the task force as well as a proposed implementation plan

2. DISCUSSION

- 2.1 At Task Force/1, some broad principles were established and agreed to. These were:
 - the use of uni-directional routes to aid capacity where appropriate
 - The establishment of PBN type routes (considering the regional PBN plan)
 - Separation standards and procedures should be based on CNS/ATM capability
 - Overflights should not be restricted by Terminal Procedures
- 2.2 A number of specific route and other enhancements have since been proposed. These include:
 - Realignment of L642/ M772 (between Sanya and HKG FIR)
 - Establish Uni-directional flow/ realignment A1
 - Establish Uni-directional flow/ realignment A202
 - Uni-directional crossing routes (to increase primary traffic flow capacity)

- MNL – TPE
 - MNL – HKG
 - MNL – BKK
 - BSW - BKK
 - Uni-directional routes
 - BKK – BJS
 - BKK – SHA
 - Availability of 30/30 separations where appropriate
 - RNAV 5 on L642/ M771 when full surveillance/ VHF permits
 - RNAV 5 corridor SIN – JKT – BLI – SIN
 - Upgrading non RNAV to RNAV routes
 - New Route M752
 - New Segments serving (proposed by VNM)
 - HAN – REP
 - HCM – REP
 - HAN – RGN
- 2.3 While these proposals have all been subject to discussion, the Task Force is yet to agree on the implementation of any regional route proposal. It is recognised that some of these proposals will take considerable effort and time to facilitate.
- 2.4 To enable some progress, IATA proposes that the meeting through a SWG consider the proposals and assign a tentative timeline based on the potential benefits and the perceived ease of implementation.
- 2.5 To begin the process IATA proposes the following items be considered high priority from the user perspective.
- Establish Un-directional flow/ realignment A1
 - Unidirectional crossing route MNL – BKK
 - Availability of 30/30 separations where appropriate
 - Upgrading of non RNAV to RNAV routes
 - HAN – RGN, HCM – REP, HAN – REP
 - Realignment of L642/ M772 between Sanya and HKG FIR (with the long term vision to take use of RNAV 5 Capability)
- 2.6 It is important that this meeting provide some firm deliverables from its efforts and IATA believes there is ample reason why timelines could be established for each of these high priority proposals.
- 2.7 If any proposal is considered long term, then it should be entered into the ICAO route catalogue to ensure that it is not overlooked in the future.

3. **ACTION BY THE MEETING**

3.1 The meeting is invited to:

- Review the proposals already raised and reconfirmed in this working paper
- Identify appropriate timelines and priorities
