



International Civil Aviation Organization

**The Third Meeting of the ATS Route Network Review Task Force
(ARNR/TF/3)**

Bangkok, Thailand, 2 – 3 May 2005

Agenda Item 5: Development of the Asia and Pacific ATS Route Catalogue

**DEVELOPMENT OF THE ASIA AND PACIFIC
ATS ROUTE CATALOGUE DOCUMENT**

(Presented by the Secretariat)

SUMMARY

This paper presents the development and adoption of the ATS Route Catalogue for the meeting's consideration.

Action by the ARNR/TF/3 is at Paragraph 3.

1. INTRODUCTION

1.1 The Second Meeting of the ATS Route Network Review Task Force (February 2005, ARNR/TF/2) agreed that members should review the format of the Route Catalogue with the intent to finalize it at ARNR/TF/3.

2. DISCUSSION

2.1 Based on the suggestion from a State at ARNR/TF/2, the Secretariat included a foreword to the Catalogue on the purpose of the document, the history of the document and relationship with the BANP. It had also been expressed that a flow chart showing the amendment procedures for the Catalogue would be useful and the Secretariat has included a flow chart in the foreword.

2.2 It should be noted that a regional plan evolves from the recommendations of a Regional Air Navigation Meeting, as approved or modified by the Council or ANC under delegated authority. In between RAN meetings amendment of the ANP is carried out by correspondence and is based on Assembly Resolution A29-7, Appendix K. In regard to the amendment process, this is laid out in establish procedures agreed to by the Council of ICAO, as contained in the Regional Office Manual. In this regard, the Regional Office is responsible to manage the amendment process. To submit an amendment proposal concerning ATS routes in the BANP, these may be originated by a State, group of States, qualifying International Organizations (approved by the Council), and the Secretary General of ICAO.

2.3 In considering the role of the Catalogue, it was intended that this should be an informal document that consolidates material from the BANP and related documents to serve as an aid to States and users for route planning purposes. As such, the Catalogue does not replace the BANP or provide material to be used in an operational context. It is primarily a one stop information document on what routes are contained in the BANP and status on implementation and amendment and future route requirements of States and users intended for planning purposes.

2.4 In regard to some ATS routes that had been implemented partially or not implemented totally, it was suggested at ARNR/TF/2 that cross-reference would be useful to States and users. In this regard, ATS routes partially implemented are contained in both Chapter 1: Routes in BANP – Implemented and Chapter 2: Routes in BANP – Not Implemented, and cross-references are indicated in Chapter 1. ATS routes not implemented totally are contained in Chapter 3: Routes Implemented – Not in the BANP/or not in accordance with the BANP, and cross-references are indicated in Chapter 1.

2.5 In considering updating and amendment of the Catalogue, as the document is meant to be an aid to users and should be a living document, its amendment should be kept to an informal level. As the Regional office is responsible for managing the amendment process for the BANP, the Catalogue should also be maintained on the same basis. All the material, in respect to the BANP is developed and amended in accordance with established procedures not related to the catalogue. In this regard, the Catalogue simply records the current status of the routes in the BANP and does not require any formal approval to be included in the Catalogue and could be left to the Regional office to update.

2.6 However, in regard to material in Chapter 4 and 5, this would require some additional prior approval process and not simply submitted to the Regional Office on an ad hoc basis by the originator. For this material to be placed in the Catalogue, it is suggested that a recognized ICAO, State or International Organization ATS coordination group responsible for route development, should be the approving body. To include such routes in the catalogue, this would need to be documented by the approving forum and submitted to the Regional Office, with a request to include the information in the Catalogue.

2.7 In the first instance, the Catalogue, which is a product of the work of the ARNR/TF set up by APANPIRG and its status would need to be adopted by APANPIRG, and the means by which it is amended, delegated by APANPIRG to the Regional Office. Accordingly, the ANR/TF should make an appropriate recommendation to APANPIRG.

2.8 As the Catalogue contains 108 pages, only the *Foreword, Changes to BANP and Catalogue, and Amendment Record* are attached as an **Appendix** to this paper for the meeting's review. The rest of the document will be presented by the Secretariat on the screen and copies will be provided on CD as part of the meeting material.

3. ACTION BY THE MEETING

3.1 The Meeting is invited to:

- a) review the draft ATS Route Catalogue *Foreword* including and the flow chart on *Changes to the Catalogue*;
- b) finalize the layout and content structure to be included in the Catalogue; and
- c) update the Catalogue with additional information on ATS routes in the BANP, to be included in the BANP and requirements of States and users; and
- d) consider a recommendation to APANPIRG/16, through the 15th Meeting of the ATM/AIS/SAR Sub-Group to adopt the Catalogue as supplement to the BANP, and agree on the status and method of amending the document.

Foreword

The ICAO Asia and Pacific Air Navigation Plan (Doc 9673) Volume I, Basic ANP (BANP) contains ATS route requirements which were developed by the Third Asia and Pacific Regional Air Navigation Meeting (Bangkok, May 1993). The requirements have been revised (including additions and deletions) from time to time to reflect current operational needs. There is also an ongoing need to revise and update these requirements and amend the BANP, which could be a lengthy process.

The Fourteenth Meeting of the *Asia Pacific Air Navigation Planning and Implementation Regional Group* (APANPIRG/14) held on 4 – 8 August 2004 under Conclusion 14/5 established the ATS Route Network Review Task Force (ARNR/TF) to review the Asia and Pacific ATS route network as contained in the BANP, determine present and future route requirements, and revise the BANP as appropriate. To facilitate the amendment process and keep track of route implementation and future user requirements, and with the objective of providing more up to date information on route developments, the ARNR/TF prepared the *Asia and Pacific ATS Route Catalogue*.

The APANPIRG/16 meeting held on 22-26 August 2005 recognizing the value of having a consolidated reference document of the regional ATS routes and future route requirements of States and airspace users adopted the Catalogue under Conclusion 16/xx. This document is intended to be a living document supplementing the BANP and to be maintained by the Asia and Pacific Regional Office.

t

The Catalogue consists of the following five chapters:

- | | |
|------------|---|
| Chapter 1: | Routes in BANP - Implemented |
| Chapter 2: | Routes in BANP - Not Implemented |
| Chapter 3: | Routes Implemented - Not in the BANP/or Not in Accordance with the BANP |
| Chapter 4: | Future Requirements - States |
| Chapter 5: | Future Requirements – Users |

Chapter 1 lists ATS routes which have been implemented in accordance with the BANP. This chapter will be regularly updated as amendments to the BANP are approved and implemented.

Chapter 2 lists ATS routes which are contained in the BANP but have not been implemented in accordance with BANP requirements. This Chapter is intended for use as a reference document, and to facilitate resolving any outstanding matters to fully implement or revise the routes. Additionally, this Chapter contains those ATS routes which were formerly included on the APANPIRG *List of Deficiencies in the Air Navigation Field*.

Chapter 3 lists ATS routes which are not contained in the BANP but have been implemented by States. This Chapter is intended for use as a reference document to facilitate incorporating the routes into the regional ATS route network in the BANP or to revise the routes as necessary.

Chapters 4 and 5 list ATS routes proposed by State(s) and/or Users. These ATS routes have not yet been implemented or included in the BANP. The information in these Chapters is intended for use as a aid to planning ATS route developments.

Note:— As the Asia and Pacific ATS Route Catalogue is intended for use as a supplement to the BANP, it does not replace the BANP nor should it be used as an operational document. Its primary purpose is to assist States and airspace users by providing more up to date informaton to develop and maintain the ATS routes in the Asia and Pacific Region.

Appendix**Changes to the BANP and Catalogue**

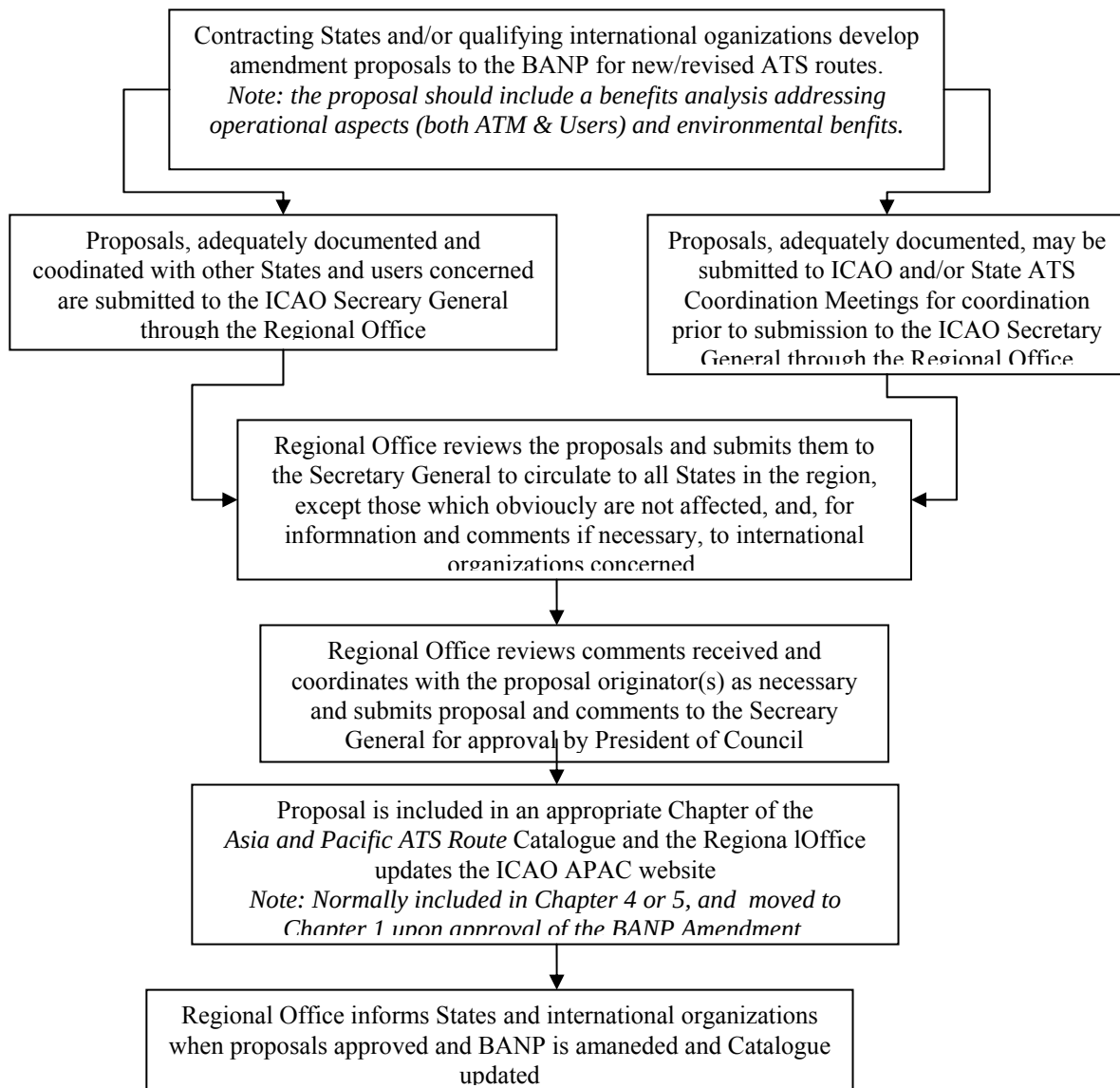
A Contracting State or qualifying international organization identifying a need for a new route requirement to be included in the BANP or to change an existing route contained in the BANP, may submit an amendment proposal to the Secretary General for approval by the President of the Council in accordance with established procedures summarized below.

Appropriately presented and documented proposals will be processed by the Regional Office and submitted to the ICAO Secretary General who will circulate the proposal to States and international organizations for comment. Once all parties concerned agree to the proposal, the Secretary General will submit the proposal to the President of the Council for approval. The Regional Office will inform States and international organizations concerned of the approval and the BANP will be amended accordingly.

The Regional Office, who is responsible for maintaining the Catalogue, will update the document from time to time to show progress of amendment proposals. The Catalogue, which is posted on the ICAO APAC website will show the version number and date on the front page, and changes in the document will be indicated by a vertical line in the margin.

Other changes to the Catalogue may be submitted to the Regional Office through an appropriate ICAO or State ATS coordination meeting.

The processes for amending the BANP and Catalogue in respect to ATS routes are shown in the flow chart below.



Amendment Record

[illegible]