



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 3: Consider route requirements

**REVIEW OF THE APANPIRG LIST OF DEFICIENCIES
IN THE AIR NAVIGATION FIELD**

(Presented by the Secretariat)

SUMMARY

This paper presents the APANPIRG List of Deficiencies in the air navigation field in respect to ATS routes contained in the ASIA/PAC Region Basic ANP (Doc 9673) that were not implemented or partially implemented for review by the ARNR/TF.

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

1. INTRODUCTION

1.1 APANPIRG/15 (August 2004) reviewed and updated its List of the Deficiencies. The List of Deficiency recorded 30 route-related entries, mainly as priority 'B' status. These deficiencies had been assigned by APANPIRG/15 to ARNR/TF for review.

2. DISCUSSION

2.1 ARNR/TF/1 (Bangkok, 6 – 10 September 2004) examined the ATS Route deficiencies contained in the List of Deficiency. After the examination by ARNR/TF/1, some progress was made by the States concerned to address the deficiencies.

2.2 ARNR/TF/2 (Bangkok, 14 – 18 February 2005) noted that all routes contained on the APANPIRG List of Deficiencies would be included in the ATS Route Catalogue being developed by ARNR/TF and full details would be provided on the status of the routes, action being taken, and regular updates would be provided as appropriate. ARNR/TF/2 considered that the fact that a route was not implemented or partially implemented should not be considered as a deficiency, as the reasons for this were not safety-related. In some cases, the requirement for a route had been established a long time ago and circumstances had since changed. There were also cases that routes could not be implemented for a variety of reasons beyond the capability of the ATS provider to overcome.

2.3 ARNR/TF/2 agreed that the Catalogue fully captured all these circumstances and there was no longer a need to retain them on the List of Deficiencies. Accordingly, it was recommended that APANPIRG/16 should delete them from the List. The updated List of Deficiencies to be presented to the ATM/AIS/SAR/Sub-Group is provided in **Appendix** to this paper.

3. **ACTION BY THE MEETING**

3.1 The meeting is invited to:

- a) agree to delete all the route-related items listed in the APANPIRG List of Deficiency as in the Appendix to this paper; and
- b) present the updated List of Deficiency to the ATM/AIS/SAR Sub-group in July 2005.

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APPENDIX

APANPIRG REPORTING FORM ON AIR NAVIGATION DEFICIENCIES IN THE ATM/AIS/SAR FIELDS IN THE ASIA/PACIFIC REGION

Identification		Deficiencies			Corrective action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date for completion	Priority for action**
<u>ATS Routes</u>								
Requirements of Part V.III, Table ATS 1 of the air navigation plan	Hong Kong, China/Japan	A202 – Partially implemented —	24/11/93	Hong Kong-Bangkok segment was implemented on 1 November 2001. Japan considering implementation as a conditional route. Reviewed by ARNR/TF/2. Route to be included in the Route Catalogue as a user requirement as requested by IATA	Japan – co-ordinate Hong Kong, China — <u>Hong Kong, China and Japan requested deletion and will submit an amendment to BANP.</u>	Hong Kong, China/ Japan	Hong Kong-Bangkok segment- 1/11/2001; ~~Hong Kong-Chitose segment~~ TBD Review by ARNR/TF/1— Subject to BANP amendment. Item captured in Chapter 2 of the Route Catalogue for future review. <u>Deficiency Item Closed.</u> Subject to	B
	China/Hong Kong, China	A203 – Not implemented	24/11/93	China advises no international flight requirements. Reviewed by ARNR/TF/2. Route to be included in the Route Catalogue as a user requirement as requested by IATA	China and Hong Kong, China requested deletion and will submit an amendment to BANP.	China/Hong Kong, China	Subject to BANP amendment. Item captured in Chapter 2 of the Route Catalogue for future review. <u>Deficiency Item Closed.</u>	B
	Indonesia	A211 – Partially implemented	24/11/93	ICAO has requested Malaysia to co-ordinate the early implementation of A211 with States concerned. Malaysia has advised at SEACG/40 of the implementation of the route within Malaysia on 29 November 2001.	Indonesia – implement the missing segment ICAO – coordinate the implementation with Indonesia	Indonesia ICAO	29/11/2001 (by Malaysia) TBD by Indonesia Review by ARNR/TF <u>Implemented 22/1/04.</u> <u>Deficiency Item closed.</u>	B

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	China/Russian Federation	A218 – Partially implemented in Russia and Alaska	24/11/93	ICAO has taken action to co-ordinate with China/Russian Federation for implementation of Harbin-Ekimchan segment and to amend ANP. APAC 99/1-ATS was approved on 26/1/00. C.A.A.C. subsequently advises (14 Apr 03) that current route G212 meets the requirements and the proposed A218 is no longer required. <u>Reviewed by ARNR/TF/2.</u> <u>Route to be included in the Route Catalogue as a user requirement as requested by IATA.</u>	~~China requested deletion and amendment to BANP.~~ <u>China is coordinating with Russia.</u>	China/ Russian Federation ICAO	<u>Subject to BANP amendment.</u> <u>Item captured in Chapter 2 of the Route Catalogue for future review. Deficiency Item Closed.</u>	B
	Japan	A223 – Not implemented	24/11/93	Japan has advised that a domestic route network covers the route. <u>Reviewed by ARNR/TF/2.</u> <u>Route to be included in the Route Catalogue as a user requirement as requested by IATA</u>	~~Japan – consider implementation as a conditional route requested deletion and amendment to BANP~~	Japan	~~TBD~~ <u>Review by ARNR/TF/1</u> <u>Subject to BANP Amendment.</u> <u>Item captured in Chapter 2 of the Route Catalogue for future review. Deficiency Item Closed.</u>	B

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Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Target date for completion	Priority for action**
	China/Mongolia/Russian-Federation	A335 – Partially-implemented	24/11/93	China and Mongolia advised that this segment is covered by other ATS routes properly; thus will ~~has~~ proposed its deletion from ANP. China reported to APANPIRG/14 the portion between HOHHOH – TUMURTAI was implemented. Reviewed by ARNR/TF/2. Route to be included in the Route Catalogue as a user requirement as requested by IATA.	China, Mongolia – propose BANP amendment	China/Mongolia	Deletion of A335 notified 9 Oct-01 Subject to BANP amendment. Item captured in Chapter 2 of the Route Catalogue pending amendment approval. Deficiency Item Closed.	B
	Indonesia/Malaysia	A341 – Partially-implemented	24/11/93	ICAO has requested Indonesia to co-ordinate implementation with Malaysia. Malaysia has advised that the existing route B584 fulfils sufficiently the requirement and would propose the deletion of the requirement for Syrabaya-Kota Kinabalu segment.	Indonesia/Malaysia – consider full implementation	Indonesia/Malaysia	12/2001 Review by ARNR/TF BANP amended by APAC 04/3. Deficiency Item closed	B
	Indonesia/United States	A450 – Partially-implemented	24/6/94	ICAO has requested Indonesia to co-ordinate implementation with United States. United States has agreed to the implementation, and a response from Indonesia is being awaited.	Indonesia/United States – consider full implementation	Indonesia/United States	TBD Review by ARNR/TF Implemented by the United States on 25 November 2004. Deficiency Item closed	B

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	Viet Nam	A469 – Implemented as W9 before. As of 1 Nov 2001 implemented as L643.	19/8/94	ICAO has requested Viet Nam to implement as A469. Viet Nam advised that W9 was replaced with L643 on 1 November 2001. Reviewed by ARNR/TF/2 and actioned confirmed.	Viet Nam - propose deletion of the requirement as A469 ICAO process BANP amendment	Viet Nam ICAO	Subject to BANP amendment. Item captured in Chapter 2 of the Route Catalogue pending amendment approval. Deficiency Item Closed.	B
	India/Nepal	A473 – Not implemented	16/3/99	A new proposal was submitted in mid 2003 by Nepal. This is being coordinated by AAI with defense authorities. Reviewed by ARNR/TF/2 and actioned confirmed.	India/Nepal - implement the route as L626	India/Nepal	Target date of implementation of L626 June 2005. Item captured in Chapter 2 of the Route Catalogue. Deficiency Item closed.	B
	Thailand	A581 – Partially implemented	17/2/97	China, Lao PDR and Thailand proposed an amendment to ANP. ICAO processed APAC99/11 in co-ordination with China/Myanmar/Thailand. APAC99/1 was approved on 15 December 2000.	Thailand – implement accordingly.	Thailand	11/2002 Review by ARNR/TF. Implemented. Item closed	B
	United States	A584 – Partially implemented	24/6/94	ICAO has requested United States to implement the missing segment. United States has proposed deletion of the missing segment, and the proposal is under preparation. Reviewed by ARNR/TF/2 and actioned confirmed.	ICAO – process an amendment in co-ordination with United States. United States will propose to delete	United States ICAO	Subject to BANP amendment. Item captured in Chapter 2 of the Route Catalogue. Item closed.	B

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	Fiji/New Zealand	B201 – Not implemented	24/11/93	Fiji/New Zealand have advised that they agreed to delete the requirement. ICAO will process ANP amendment as this was covered by routes B575, G457 and R327. <u>Reviewed by ARNR/TF/1 and actioned confirmed.</u>	Fiji/New Zealand - propose an amendment to delete the requirement in BANP	Fiji/New Zealand – ICAO	Subject to BANP amendment. – Item captured in Chapter 2 of the Route Catalogue. Item closed.	B
	Maldives	B204 – The requirements for this route are not detailed in BANP	24/1/96		Maldives – propose an amendment to ANP to add the route.	Maldives ICAO	Subject to BANP amendment – Dissolved. Item closed.	B
	Japan/Rep of Korea	B212 – Not implemented	24/11/93	Japan is considering implementation as a conditional route and will coordinate with Republic of Korea. <u>Reviewed by ARNR/TF/2 and actioned confirmed.</u>	Japan/Rep of Korea - consider implementation	Japan/Rep of Korea	12/2005 – Review by ARNR/TF . Coordination ongoing. Captured in Chapter 2 of the Route Catalogue. Item Closed.	B
	Papua New Guinea	B456 – Partially implemented	24/11/93	Papua New Guinea has advised that they will formally propose ANP amendment for deletion of the missing segment. <u>Reviewed by ARNR/TF/2 and status to be confirmed by the Regional Office.</u>	Papua New Guinea – propose an amendment to BANP. ICAO process BANP amendment.	Papua New Guinea – ICAO	Subject to BANP amendment. – Partially Implemented. Amentment proposal to be submitted. Captured in Chapter 2 of the Route Catalogue. Item closed.	B
	China	B591 – Partially implemented	22/7/97	Co-ordination is in progress among States and ICAO. <u>Reviewed by ARNR/TF/2 and actioned confirmed.</u>	ICAO – continue on-going implementation co-ordination related to the Revised South China Sea route structure with States. <u>China will consider for future implementation.</u>	China	TBD – Review by ARNR/TF – Captured in Chapter 2 of the Route Catalogue. Item closed.	B

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	Indonesia	G461 – Implemented with different route specification	24/11/93	ICAO co-ordinated with Indonesia to amend BANP requirement. APAC00/1-ATS was approved on 15 January 2001. Reviewed by ARNR/TF/2 and actioned confirmed.	Indonesia implement the requirement accordingly. ICAO will coordinate with Indonesia.	Indonesia/ICAO	Implemented with different route specification. Amendment Proposal to be submitted. Captured in Chapter 2 of the Route Catalogue. Item closed.	B
	Cambodia /Philippines Thailand/Viet Nam	G473 – Partially implemented	24/11/93	Co-ordination is in progress among States and ICAO. Reviewed by ARNR/TF/2 and action confirmed.	ICAO - continue ongoing implementation co-ordination related to the Revised South China Sea route structure with States	Cambodia /Philippines Thailand/Viet Nam/ICAO	Implementation on-going. Captured in Chapter 2 of the Route Catalogue. Item closed.	B
	DPR Korea/ Rep of Korea	G589 – Not implemented	24/11/93	Reviewed by ARNR/TF/2 and status to be confirmed by the Regional Office.	B467 established instead of G589 April 1998	DPR Korea/ Rep of Korea	Implemented as B467. Amendment Proposal to delete G589 to be submitted. Captured in Chapter 2 of the Route Catalogue. Item closed.	B
	China/Kazakhstan	R216 – Not implemented	24/11/93	CAAC advises current routes B215 KUQA, A460 REVKI to Alma Ata meets the requirements for traffic from Urumqi to Alma Ata and requests deletion of R216 from BANP (14 Apr 03). Reviewed by ARNR/TF/2. Route to be included in the Route Catalogue as a user requirement as requested by IATA	CAAC proposed deletion	China/Kazakhstan ICAO	Captured in Chapter 2 of the Route Catalogue. Item closed.	B
	China	R333 – Not implemented	24/11/93	China is considering future implementation. Reviewed by ARNR/TF/2. Route to be included in the Route Catalogue as a user requirement as requested by IATA	China and Hong Kong, China – co-ordinating with Hong Kong GAA propose deletion.	China/Hong Kong, China	TBD Review by ARNR/TF Subject to BANP amendment. Captured in Chapter 2 of the Route Catalogue. Deficiency Item closed.	B

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	China/Hong Kong, China	R335 – Not implemented	24/11/93	CAAC advises no international flight requirements and requests deletion from ANP (14 Apr 03). Reviewed by ARNR/TF/2. Route to be included in the Route Catalogue as a user requirement as requested by IATA.	China proposed deletion and amendment to BANP –	China/Hong Kong, China ICAO	Subject to BANP amendment. Captured in Chapter 2 of the Route Catalogue. Deficiency Item closed.	B
	Cambodia/Lao-PDR/Thailand	R345 – Not implemented	24/11/93	Cambodia has advised that the requirement is no longer valid and will propose the deletion of requirement in consultation with Lao PDR and Thailand. Reviewed by the ARNR/TF/2 and action confirmed.	ICAO – continue ongoing implementation co-ordination related to the Revised South China Sea route structure with States Cambodia- coordinate the deletion with IATA as well as Lao PDR and Thailand	Cambodia/Lao PDR/Thailand	New Route will be implemented. Amendment Proposal to R345 to be submitted. Captured in Chapter 2 of the Route Catalogue. Deficiency Item closed.	B
	Indonesia	R459 – Implemented as W51 and W36	24/11/93	ICAO has requested Indonesia to implement as R459. Reviewed by the ARNR/TF/2 and action confirmed.	Indonesia - consider promulgation/implementation of the route with designator R459 in AIP Singapore - consider implementation of the route.	Indonesia/Singapore	TBD Implementation by Indonesia – 25/11/2004 Singapore – 20/1/2005 Review by ARNR/TF. To be implemented as L504. Target implementation date 12 May 2005. Captured in Chapter 2 of the Route Catalogue. Deficiency Item closed.	B
	Russian Federation	R466 – Implemented as R446 in Russian Federation. Route requirement is listed in EUR/NAT-ANP	24/11/93	ICAO has requested Russian Federation to delete R221 and promulgate the route as R466 in AIP. Implemented as R446.	ICAO - coordinating with the ICAO Paris Office to change the route designator in the BANP.	Russian Federation ICAO	Coordination with the Paris Office to amend BANP Subject to BANP amendment. Captured in Chapter 2 of the Route Catalogue. Deficiency Item closed.	A

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	Indonesia/Malaysia	R579 – Not implemented	24/11/93	ICAO has requested Malaysia to co-ordinate with Indonesia for implementation. Malaysia considered there was no longer requirement due to a low traffic movement; thus will propose the deletion. Reviewed by ARNR/TF/2 and action confirmed.	Indonesia/Malaysia – consider implementation. ICAO - coordinate with Malaysia to delete the route requirement.	Indonesia/Malaysia ICAO	12/2001 Review by ARNR/TF Subject to BANP amendment. To be implemented on 12 May 2005 with proposed route extension. Captured in Chapter 2 of the Route Catalogue. Deficiency Item closed.	B
	India/Oman	R593 – Not implemented	24/11/93	India advised ATM/AIS/SAR/SC/14 that India and Oman had agreed to delete. Reviewed by ARNR/TF/2 and action confirmed.	India proposed deletion and amendment to BANP	India/Oman ICAO	Subject to BANP amendment. Captured in Chapter 2 of the Route Catalogue. Deficiency Item closed.	B