

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

(Changes proposed after APANPIRG/15 are shown in strikeout and underlining.)								
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 Hong Kong, China and Japan requested deletion and will submit an amendment to BANP.	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. Deficiency Item Closed.	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. Deficiency Item Closed.	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. CAAC 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	Subject to BANP amendment. Item captured in Chapter 2 of the Route Catalogue for future review. Deficiency Item Closed.	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 Review by ARNR/TF/1 Subject to BANP Amendment. Item captured in Chapter 2 of the Route Catalogue for future review. Deficiency Item Closed.	B

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	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. <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, 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. <u>Deficiency Item closed</u>	B

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	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
	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

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	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. <u>Reviewed by ARNR/TF/2 and actioned confirmed.</u>	ICAO – process an amendment in co-ordination with United States. <u>United States will propose to delete</u>	United States ICAO	<u>Subject to BANP amendment. Item captured in Chapter 2 of the Route Catalogue. Item closed.</u>	B
	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	<u>Subject to BANP amendment. Item captured in Chapter 2 of the Route Catalogue. Item closed.</u>	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	<u>Subject to BANP amendment. Dissolved. Item closed.</u>	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	<u>12/2005 Review by ARNR/TF. Coordination ongoing. Captured in Chapter 2 of the Route Catalogue. Item Closed.</u>	B

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	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. Amendment 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. China will consider for future implementation.	China	TBD Review by ARNR/TF – Captured in Chapter 2 of the Route Catalogue. Item closed.	B
	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. <u>Reviewed by ARNR/TF/2 and actioned confirmed.</u>	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. <u>Reviewed by ARNR/TF/2 and action confirmed.</u>	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	<u>Reviewed by ARNR/TF/2 and status to be confirmed by the Regional Office.</u>	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	B

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	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). <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>	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. <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 and Hong Kong, China co-ordinating with Hong Kong CAA propose deletion.	China/Hong Kong, China	TBD Review by ARNR/TF Subject to BANP amendment. <u>Captured in Chapter 2 of the Route Catalogue. Deficiency Item closed.</u>	B
	China/Hong Kong, China	R335 – Not implemented	24/11/93	CAAC advises no international flight requirements and requests deletion from ANP (14 Apr 03). <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 proposed deletion and amendment to BANP.	China/Hong Kong, China ICAO	Subject to BANP amendment. <u>Captured in Chapter 2 of the Route Catalogue. Deficiency Item closed.</u>	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. <u>Reviewed by the ARNR/TF/2.</u> <u>and action confirmed.</u>	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	<u>New Route will be implemented.</u> <u>Amendment Proposal to R345 to be submitted.</u> <u>Captured in Chapter 2 of the Route Catalogue. Deficiency Item closed.</u>	B

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	Indonesia	R459 – Implemented as W51 and W36	24/11/93	ICAO has requested Indonesia to implement as R459. <u>Reviewed by the ARNR/TF/2 and action confirmed.</u>	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.	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
	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. <u>Reviewed by ARNR/TF/2 and action confirmed.</u>	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/SG/14 that India and Oman had agreed to delete. <u>Reviewed by ARNR/TF/2 and action confirmed.</u>	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
WGS-84								
Requirements of Paragraph 3.6.4 of Annex	Bhutan	WGS-84 - Not implemented	2/7/1999	Data conversion completed, but not published		Bhutan	TBD	A

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	Cambodia	WGS-84 - Partially implemented	28/6/2001	Cambodia reported ICAO on 22 June 2004 that the WGS-84 coordinates have been implemented in international airports, airspace and international routing.		Cambodia	TBD	A
	China	WGS-84 - Not implemented * implemented in the Sanya AOR as of 1 Nov 2001	2/7/1999	Differences to Annex 15 - <i>Aeronautical Information Services</i> are notified		China		A
	DPR Korea	WGS-84 - Not implemented				DPR Korea	TBD-2004	A
	Kiribati	WGS-84 - Not implemented				Kiribati	TBD	A
	Malaysia	WGS-84 - Partially implemented		In progress. Updated information received. Confirmation of completion date required.		Malaysia	December 2002. -In AIP	A
	Nauru	WGS-84 - Not implemented		Conferring with consultant		Nauru	TBD	A
	Philippines	WGS-84 - Implemented at main airports		on-going		Philippines	2003-2004-2006	A
	Solomon Islands	WGS-84 - Not implemented				Solomon Islands	1999	A
	Vanuatu	WGS-84 - Implemented at main airports	2/7/1999			Vanuatu	1999	A
<u>Type of ATS</u>								

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Requirements of Part II, Table ATS 3D of the air navigation plan	India	Some ATS route segments in part of Mumbai FIR are subject to Advisory Services	24/11/93	Co-ordination in progress through BBACG. HF radio being modernized and datalink being installed.	India - implement Area Control Services	India	Modernization of HF radio by the end of 2004 CPDLC by the end of 2005	A

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<u>Airspace Classification</u>								
Requirements of Paragraph 2.6 of Annex 11	China	Airspace Classification - Not implemented	7/7/99		Difference to Annex 11 is published in AIP, China.	China		A
	Cook Islands	Airspace Classification - Not implemented	7/7/99			Cook Islands	TBD	A
	DPR Korea	Airspace Classification - Not implemented	7/7/99			DPR Korea	TBD 2005	A
	Japan	Airspace Classification - Not <u>Partially</u> implemented	2/19/04		Implementation in oceanic airspace in progress	Japan	Domestic airspace complete, final stage of oceanic airspace classification will occur on AIRAC 29 September 2005	A
	Kiribati	Airspace Classification - Not implemented	7/7/99			Kiribati	TBD	A
	Nauru	Airspace Classification - Not implemented	7/7/99			Nauru	TBD	A
	Papua New Guinea	Airspace Classification - Not implemented	7/7/99			Papua New Guinea	mid 2001 Official confirmation pending	A
	Samoa	Airspace Classification - Not implemented	7/7/99		CTR C and D Samoa Sector Class G	Samoa	Completed Official confirmation required	A
	Solomon Islands	Airspace Classification - Not implemented	7/7/99			Solomon Islands	TBD	A
	Viet Nam	Airspace Classificatio - Not implemented	7/7/99			Viet Nam	2003/2004 Some work is being carried out, expected completion 2006	A

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<u>AIP Format</u>								
Requirements of Chapter 4 of Annex 15	Cook Islands	AIP Format - Not implemented	7/7/99			Cook Islands	TBD	A
	Kiribati	AIP Format - Not implemented	7/7/99			Kiribati		A
	Lao PDR	AIP Format - Not implemented	7/7/99			Lao PDR	Sep 2003+H6	A
	Myanmar	AIP Format - Not implemented	7/7/99			Myanmar	Completed 2003 (To be published)	A
	Nauru	AIP Format - Not implemented	7/7/99			Nauru	TBD	A
	Papua New Guinea	AIP Format - Not implemented	7/7/99	under development		Papua New Guinea	TBA	A
	Samoa	AIP Format - Not implemented	7/7/99			Samoa	5/15/2003 (to be confirmed)	A
	Tonga	AIP Format - Not implemented	7/7/99		Under preparation	Tonga	2004 AIP published with effect 14 April 2005	A
<u>SAR capability</u>								
Requirements of Annex 12	Cambodia	Annex 12 requirements not implemented. No agreements with adjacent States.	20/2/97		Cambodia - implement Annex 12 requirements and co-ordinate LOA with adjacent States ICAO - assist to develop SAR capability and to co-ordinate with adjacent States	Cambodia	TBD SAR agreement established with Viet Nam during 2004/05	U

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	Cook Islands	Annex 12 requirements not implemented. No agreements with adjacent States.	31/1/95	SAR agreement with New Zealand under development	Cook Islands - implement Annex 12 requirements and co-ordinate LOA with adjacent States ICAO - assist to develop SAR capability and to co-ordinate with adjacent States	Cook Islands	2004	U
	Maldives	Annex 12 requirements not implemented. No agreements with adjacent States.	24/4/1997	SAR services and facilities provided (details to be confirmed). SAR agreements with neighbouring States under development	Maldives - implement Annex 12 requirements and co-ordinate LOA with adjacent States ICAO - assist to develop SAR capability and to co-ordinate with adjacent States	Maldives	2004	U