



ICAO

International Civil Aviation Organization

Fifteenth Meeting of the ICAO Aeronautical Information Services – Aeronautical Information Management Implementation Task Force (AAITF/15)

Video Teleconference, 01 – 05 June 2020

Agenda Item 6: Regional AIM Guidance and Planning

PBN APPROACH CHART IDENTIFICATION TRANSITION UPDATE

(Presented by the Secretariat)

SUMMARY

This paper presents information on the PBN Approach Chart Identification Transition, as previously discussed at AAITF/13 and AAITF/14.

1. INTRODUCTION

1.1 Amendment 6 to ICAO Doc 8618 *Procedures for Air Navigation Services – Aircraft Operations Volume II*, effective on 13 November 2014, introduced a change in chart identification for Performance-Based Navigation (PBN) approaches. As a transitional measure for implementation, it allows the use of both existing and new chart identification until 30 November 2022. To provide guidance for the transition, ICAO published Circular 336 Area Navigation (RNAV) to Required Navigation Performance (RNP) Instrument Approach Chart Depiction. Revised guidance was then published in Circular 353, Transition Planning for Change to Instrument Flight Procedure Approach Chart Identification from RNAV to RNP

2. DISCUSSION

2.1 The ICAO Asia/Pacific PBN Implementation Coordination Group (PBNICG), in coordination with relevant bodies including AAITF, the CNS Sub-Group of APANPIRG, and APANPIRG, formulated the Asia/Pacific Regional Transition Plan for RNP APCH Chart Identification from RNAV to RNP (**Attachment A**). The transition plan was adopted by APANPIRG/30 in September 2019, in the following Conclusion which was also endorsed by ATM/SG/7:

Conclusion APANPIRG/30/14 (CNS SG/23/8-PBNICG/6/1) – Asia/Pacific Regional Transition Plan for RNP APCH Chart Identification from RNAV to RNP

Considering ICAO provided a guidance and template on transition planning for RNP approach chart identification, That,

- a) *The Asia/Pacific Regional Transition Plan for RNP APCH Chart Identification from RNAV to RNP in Appendix B to the Report on agenda item 3.4 be adopted as a regional plan for RNP APCH chart identification transition;*
- b) *ICAO Regional Office coordinate with ICAO PBN Programme Office for the inclusion of the plan in the Global Dashboard for the progress monitoring;*
- c) *ICAO PBN Program Office to confirm that a global contingency plan has been developed and coordinated with all Regional Offices and with the major data houses;*

- d) *ICAO PBN Programme Office to provide an updated version of the Asia/Pacific Regional Transition Plan for RNP APCH Chart Identification from RNAV to RNP to ICAO Regional Office;*
- e) *ICAO Regional Office to publish the plan on the ICAO Regional Office website; and*
- f) *States develop their transition plan and implement the chart identification transition according to their designated slots.*

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2.2 On 13 March 2020 ICAO Headquarters issued Electronic Bulletin (EB) 2020/21 – *Request to Limit Information Provided Under the AIRAC System*. The EB (**Attachment B**) included the following paragraph:

5. Due to the COVID-19 outbreak, data houses have implemented contingency plans to assure the production and delivery of aeronautical data products. However, these contingency plans have limited their capacity and therefore States are advised to limit, as much as possible, the information provided under the Aeronautical Information Regulation and Control (AIRAC) system. With this request, ICAO intends to minimize the impact of the current situation on the aviation industry and ensure that changes are processed and made available in time for the continuing safe air operations.

2.3 Following up on an enquiry from an Asia/Pacific State on what effect this may have on the Transition Plan, ICAO APAC Regional Office has communicated on the matter with Headquarters. No information on Headquarters’ consideration of this matter has yet been received.

2.4 Due to the impact of the COVID-19 pandemic, the ICAO Council is giving some consideration to deferring the applicability of ICAO provisions that would otherwise become applicable on 05 November 2020. However, Regional Office is not aware of any discussion of deferment of subsequent applicability dates.

2.5 Noting that the Regional Transition Plan is part of an overall globally coordinated and agreed plan to ensure implementation by the November 2022 applicability date specified in PANS-OPS, the significant number of APCH charts that some APAC States must transition, and the APANPIRG Conclusion supporting the Regional Transition Plan, APAC Administrations should continue to process the chart changes in accordance with the plan.

2.6 APAC Administrations are also encouraged to inform the ICAO Regional Office in cases where data houses either reject or fail to process chart identification changes from RNAV to RNP that are included in AIP Amendments in compliance with the Aeronautical Information Regulation and Control (AIRAC) and accordance with the APANPIRG-agreed transition plan.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper;
- b) discuss any current issues in relation to the Transition Plan; and
- c) discuss any relevant matters as appropriate.

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RNAV to RNP Chart Identification Change
Regional Transition Plan
Region: **APAC**

To be used in conjunction with Circular 353 only

Use the following data to develop a proposed regional slot for transition. Actual slot will be coordinated and allocated by the ICAO PBN Programme Office

AIRAC cycle dates: https://www.nm.eurocontrol.int/RAD/common/airac_dates.html

Constraints
of charts changed 1730
Capacity Chart Service Provider 180
Capacity Chart Service Provider adjusted 120
Required AIRAC Cycle: 9.61111
Required AIRAC Cycle adjusted: 14.4167
Regional Transition Plan no later than Jun 2019

Country	Start Date	Sequence based on ready date	No. of Charts	Required number of Airac Cycles	Allocated AIRAC Cycle	No. of AIRAC Cycle	2019												2020												State's comment
							Earliest Proposed Start Date		Latest Proposed Start Date		Jul 18	Aug 15	Sep 12	Oct 10	Nov 07	Dec 05	Jan 02	Jan 30	Feb 27	Mar 26	Apr 23	May 21	Jun 18	Jul 16	Aug 13	Sep 10	Oct 08	Nov 05	Sum		
							18-Jul-19	18-Jun-20																							
Afghanistan	Thursday, October 10, 2019	27	6	1		1																			6						
Australia	Thursday, August 15, 2019	32	653	18	18 months	18	37	37	37	37	37	37	36	36	36	36	36	36	36	36	36	36	36	36	653	possibly begin on 15 Aug 2019					
Bangladesh	Thursday, October 10, 2019	27	1	1		1																			1	5 RNP, 1 RNAVI (GNSS)					
Bhutan	Thursday, October 10, 2019	27	3	1		3																			3						
Brunei Darussalam	Thursday, June 18, 2020	1	2	1		1																			2						
Cambodia	Thursday, February 27, 2020	16	5	1		1																			5						
China	Thursday, July 18, 2019	36	317	18	Published RNP 151	18	18	18	18	18	18	18	18	18	18	18	17	17	17	17	17	17	17	17	317	151 RNP, 317 RNAVI (GNSS)					
Hong Kong, China	Thursday, January 02, 2020	20	8	6		6																			8						
Macao, China	Thursday, January 02, 2020	20	4	6		6																			4						
Taipei FIR	Thursday, January 30, 2020	19	22	4		4																			22						
Cook Islands	Thursday, March 26, 2020	10	15	3		3																			15						
Democratic Peoples Republic of Korea	Thursday, August 15, 2019	32	4	1		1																			4						
Fiji	Thursday, July 18, 2019	36	8	1		1	8	4																	8						
India	Thursday, October 10, 2019	27	4	1		1																			4						
Indonesia	Thursday, June 18, 2020	1	76	6		6																			76						
Japan	Thursday, January 02, 2020	20	93	12	Published 25 GPS App	12							7	7	7	8	8	8	8	8	8	8	8	8	93						
Kiribati	Thursday, March 26, 2020	10	4	1		1																			4						
Laos Peoples' Democratic Republic	Thursday, February 27, 2020	16	5	1		1																			5						
Malaysia	Thursday, January 02, 2020	20	50	6		6							5	5	10	9	10	11							50						
Maldives	Thursday, July 18, 2019	36	16	1		1	16																		16	effective on Jan 2 2019					
Marshall Islands	Thursday, March 26, 2020	10	6	1		1																			6						
Micronesia	Thursday, June 18, 2020	1	10	1		1																			10						
Mongolia	Thursday, August 15, 2019	32	3	1		1																			3						
Myanmar	NA	#VALUE!	0	0	Implemented	0																			0						
Nauru	Thursday, March 26, 2020	10	0	2		2																			0						
Nepal	Thursday, July 18, 2019	36	4	2		2	2	2																	4						
New Zealand	Thursday, July 18, 2019	36	126	18	progressive implementation	18	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	126						
Pakistan	Thursday, October 10, 2019	27	43	12		12							4	4	4	4	4	4	3	3	3	3	3	3	43						
Palau	Thursday, June 18, 2020	1	2	1		1																			2						
Papua New Guinea	Thursday, June 18, 2020	1	2	1		1																			2						
Philippines	Thursday, January 02, 2020	20	31	12		12																			31						
Republic of Korea	Thursday, August 15, 2019	32	32	1		1							3	3	3	3	3	3	3	3	2	2	2	2	32						
Samoa	Thursday, March 26, 2020	10	5	1		1																			5						
Singapore	Thursday, January 02, 2020	20	6	2		2							3	3											6						
Solomon Islands	Thursday, March 26, 2020	10	0	0	Implement anytime	0																			0						
Sri Lanka	NA	#VALUE!	0	0	Published 24 GPS App	0																			0						
Sri Lanka	Thursday, January 02, 2020	20	62	10	Implemented	10							6	6	6	6	6	6	6	6	6	6	6	6	62						
Taiwan	Thursday, January 02, 2020	20	10	10		10																			10						
Timor Leste	Thursday, June 18, 2020	1	5	1		1																			5						
Tonga	Thursday, April 23, 2020	8	8	1		1																			8						
Tuvalu	Thursday, May 21, 2020	7	2	1		1																			2						
Vanuatu	Thursday, April 23, 2020	8	13	2		2																			13						
Vietnam	Thursday, February 27, 2020	16	9	1		1																			9						
New Caledonia	Thursday, July 18, 2019	36	9	1		1																			9						
French Polynesia	Thursday, August 15, 2019	32	35	2		2																			35						
Wallis and Futuna Is.	Thursday, July 18, 2019	37	2	1		1																			2						
United States of America	NA	#VALUE!	19	0		0																			0						
			1730				99	121	79	80	66	65	101	95	116	116	116	116	104	114	92	92	91	82	1711						

* China : Published PBN procedures are in domestic AIP and will not affect regional transition.
* USA : These is no intention to change chart title. US will include PBN requirement box in the chart.
* Australia proposed to follow the triennial procedure validation cycle. If resources available, transition will be made in 18 months. Chart will be published quarterly



International Civil Aviation Organization

ELECTRONIC BULLETIN

For information only

EB 2020/21

13 March 2020

REQUEST TO LIMIT INFORMATION PROVIDED UNDER THE AIRAC SYSTEM

1. The outbreak of COVID-19 was declared to constitute a Public Health Emergency of International Concern (PHEIC) on 30 January 2020. As of 7 March 2020, the global number of confirmed cases of COVID-19 has surpassed 100 000. The World Health Organization (WHO) has called on all countries to stop, contain, control, delay and reduce the impact of the virus at every opportunity (<https://www.who.int/news-room/detail/07-03-2020-who-statement-on-cases-of-covid-19-surpassing-100-000>). On 11 March 2020, WHO announced that “COVID-19 can be characterized as a pandemic” and called for stronger measures to contain the disease (<https://www.who.int/dg/speeches/detail/who-director-general-s-opening-remarks-at-the-media-briefing-on-covid-19--11-march-2020>).
2. The International Civil Aviation Organization (ICAO) is working closely with WHO in providing updated advice regarding COVID-19 and civil aviation. In relation with international travel health related issues, note that WHO and ICAO have also signed a joint Statement (<https://www.icao.int/Security/COVID-19/Pages/Statements.aspx>) which we remind all stakeholders of the importance of following existing regulations and guidance, particularly the relevant standards contained within the various Annexes to the Convention on International Civil Aviation and the International Health Regulations (2005).
3. Advice on reducing the risk of the spread of COVID-19 in aviation is available on the Collaborative Arrangement for the Prevention and Management of Public Health Events in Civil Aviation (CAPSCA) website (<https://www.capsca.org/CoronaVirusRefs.html>).
4. The ICAO Council affirmed the urgent need to reduce the public health risk of the spread of COVID-19 by air transport and protect the health of air travellers and aviation personnel. Furthermore, the Council urged ICAO Member States and stakeholders to take the necessary actions to maintain the sustainability of air transport and the highest level of safety (<https://www.icao.int/Newsroom/Pages/ICAO-Council-adopts-covid.aspx>).
5. Due to the COVID-19 outbreak, data houses have implemented contingency plans to assure the production and delivery of aeronautical data products. However, these contingency plans have limited their capacity and therefore States are advised to limit, as much as possible, the information provided under the Aeronautical Information Regulation and Control (AIRAC) system. With this request, ICAO intends to minimize the impact of the current situation on the aviation industry and ensure that changes are processed and made available in time for the continuing safe air operations.

Issued under the authority of the Secretary General