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Международная
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منظمة الطيران
المدني الدولي

国际民用
航空组织

Ref.: T 8/2.1 & T 8/10.21 :AP027/15 (CNS)

10 February 2015

Subject: e-ANP CNS Development Working Group
Face to face meeting (Bangkok, Thailand, 08 - 10 April 2015)

Action Required: To make necessary arrangements for nomination
manager(s)/expert(s) to attend the meeting preferably
before 30 March 2015

Sir/Madam,

I have the honour to refer to the letter T 8/2.10 & T 8/10.21:AP176/14 (CNS) dated 31 December 2014 requesting your Administration to nominate representative(s) for the e-ANP CNS Development Working Group, in line with *Decision 18/23 of APANPIRG*.

The objective of this working group is to draft the CNS-related parts of the new regional air navigation plan (called eANP) in the CNS fields and develop proposals for amendments (PfAs) as necessary for consideration at the CNS SG/19 meeting. The plans of the working group were as follows:

- e-ANP CNS Development Working Group (e-ANP WG) : Kick-off Teleconference January 2015
- e-ANP CNS Development Working Group : Face to face meeting 08 – 10 April 2015, Bangkok
- e-ANP CNS Development Working Group : Final review meeting July 2015 (before/alongside CNS SG/19 Bangkok)


Please be noted that there were two Conferences took place on 23 January and on 04 February 2015. There were only 2 experts attending the meeting held on 04 February 2015 which was not met the minimum number of requirement. Therefore, your Administration is requested to make necessary arrangement for nomination manager/expert(s) to attend the e-ANP CNS Development Working Group Face to face meeting from 08 to 10 April 2015 at the ICAO Asia and Pacific Office, Bangkok

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The following outcomes of the meetings provided in Attachments A, B and C, are attached for your kind attention and easy reference.

- Attachment A – Summary of discussions of the 23 January meeting;
- Attachment B – Tentative agenda for Face to face meeting: 08 -10 April 2015; and
- Attachment C – Actions open during 04 February meeting

Accept, Sir/Madam, the assurances of my highest consideration.



Arun Mishra
Regional Director

SUMMARY OF DISCUSSIONS

e-ANP CNS DEVELOPMENT WORKING GROUP MEETING #1 (23 January 2015)

4 Participants:

- Mr. Lo Weng Kee (CAAS)
- Mr. Brian Bagstad (FAA)
- Mr. Sahrol Nizal Bin Ab Rashid (DCA Malaysia)
- Mr. Frederic Lecat (ICAO Regional Office, Bangkok)

Were nominated by their State but could not participate:

- Mr. Ron Doggett (CASA)
- Mr. Yoshihiro HARA (JCAB)

Summary of Discussions**1. Introduction to eANP CNS Development Working Group**

The presentation <https://portal.icao.int/AECWG/Documents/CNS%20eANP%20WG%20-%20introduction.pdf> was reviewed.

The following points were discussed:

- Background for eANP development
 - Basic ANP/FASID
 - Regional Air Navigation Plans
- E-ANP structure
- Planning
- Process
- Tools

Concerning the tools it was explained that the portal AECWG is a temporary arrangement to support the work by the WG.

The final expectation is to have the APAC eANP available on the ICAO secure portal in an electronic way.

The overall planning is as follows:

ANP volume	eANP activity/task	Responsible	Completion Date
Vol. I, II & III	Population of eANP with existing data	For CNS related parts: eANP CNS WG and Regional Office	July 2015
Vol. I, II & III	Agreement on the content of the e-ANP	APANPIRG 26	September 2015
Vol. I	Approval of Volume I of e-ANPs by the Council	Regional Offices/ANB	End 2015

ANP volume	eANP activity/task	Responsible	Completion Date
Vol. II	Approval of Volume II of e-ANPs by regional agreement involving the relevant PIRG	APANPIRG 26	September 2015
Vol. III	Development and approval of Part II of Volume III by PIRG.	APANPIRG 26	September 2015
	Inclusion of Volume III on web-based platform.	ANB	End 2015

2. Review of draft TOR

The draft TOR were communicated to the States through the letter of invitation T 8 2/10 & T 8/10.21:AP176/14 (CNS) 31 December 2014, based on Decision *Decision 18123 - Development of the CNS part of future eANP in the CNS fields and associated proposals for amendments (PfAs)*.

Draft TOR were reviewed with a minor ed. Correction: date of 1st webconference and are attached at Attachment A.

Action all, 04 February 15: Review the draft TOR

3. Review of the gap analysis

The gap analysis was reviewed and amended. The outcome of the review is placed at Attachment B.

The general principle retained for all tables is to have the requirement part in Vol. II, and the progress status in Vol. III.

Action all, 04 February 15: volunteer for actions in the gap analysis (column E, “Owner”)

4. Allocation of tasks

Mr. Lo Weng Kee (CAAS) has accepted to lead the Task 1.

Task 2 leadership is still open.

All participants agreed to contribute to the two tasks.

5. Next meetings

- e-ANP CNS Development Working Group: meeting #2: 04 February 2015 9 am – 11 am UTC+7
- F2F meeting in ICAO Regional Office, Bangkok, 08 -10 April 2015: All participants have confirmed their availability.

6. AOB

Nil

e-ANP CNS DEVELOPMENT WORKING GROUP (e-ANP)

08 – 10 April 2015, Bangkok, Thailand

TENTATIVE AGENDA

- Agenda Item 1: Introduction
- Agenda Item 2: Review and update of draft action plan
- a) Volume I and II; and
 - b) Volume III
- Agenda Item 3: Review updates from participants and progress actions
- a) Volume I and II; and
 - b) Volume III
- Agenda Item 4: Next meetings
- Agenda Item 5: Any other business

ACTION PLAN

eANP provisions	Current RANP provisions	Early analysis by APAC RO Secretariat	Discussion 23 Jan 15	Action raised 04 Feb. 15	Target date
VOLUME I	Basic Air Navigation Plan				
Part III - Communication Navigation and Surveillance (CNS)		Note and consider the need for APAC specific requirements	No specific requirement?	Note and consider the need for APAC specific requirements	During F2F meeting - 10 April 15
VOLUME II	FASID		Amendment to FASID planned		
Part III — Communications, Navigation and Surveillance (CNS)					
Textual provisions	Current textual provisions	Note and consider the need for APAC specific requirements		Note and consider the need for APAC specific requirements	During F2F meeting - 10 April 15
Table CNS II-1 — AFTN Plan [former 1A]	CNS 1A AFTN PLAN	GAP - format changed	Amendment proposal for current RANP - ICAO letter planned with response expected for March 2015	Consolidate current RANP table with responses from amendment proposal (expected for 9 March) Populate both eANP tables (tables into requirement (vol II) and implementation status (vol III) with material from States	Consolidate table - 03 Apr. 15 Collect inputs during F2F meeting - 10 April 15 Populate 2 eANP tables - 15 May 15

eANP provisions	Current RANP provisions	Early analysis by APAC RO Secretariat	Discussion 23 Jan 15	Action raised 04 Feb. 15	Target date
Table CNS II-2 — Required ATN Infrastructure Routing Plan [former 1B]	CNS 1B ATN ROUTER PLAN	SLIGHT GAP - format slightly changed	Amendment proposal for current RANP - ICAO letter planned with response expected for March 2015	Consolidate current RANP table with responses from amendment proposal (expected for 9 March) Populate both eANP tables (tables into requirement (vol II) and implementation status (vol III) with material from States	Consolidate table - 03 Apr. 15 Collect inputs during F2F meeting - 10 April 15 Populate 2 eANP tables - 15 May 15
Table CNS II-3 — ATS Direct Speech Circuits Plan [former 1C]	CNS 1D ATS DIRECT SPEECH CIRCUITS PLAN	NO GAP		Split table into requirement (vol II) and implementation status (vol III) - Populate both tables with material from States	Collect inputs during F2F meeting - 10 April 15 Populate 2 eANP tables - 15 May 15
Table CNS II-4 — HF Network designators applicable for the Region [former page 2-25 to 2-28]		GAP: required by eANP mandatory requirements and relevant information appended to existing Table CNS 2	Chart CNS 2 - HF En-route Network?	Analyse Table CNS II-4 template and see how it can be populated for APAC	Analysis to be done during F2F - 10 April 15
	CNS 1C AMHS routing plan	GAP: Not required by eANP template provisions - May be a specific regional requirement or not		PROs and CONs to keep or not	Analysis to be done during F2F - 10 April 15
	CNS 1E AIDC IMPLEMENTATION PLAN	GAP: Not required by eANP template provisions - May be kept (or not)	Seamless item 220 - table for vol III?	Review and include in Vol III - see what is needed for volume II	Analysis to be done during F2F - 10 April 15 Update will be requested during APA TF/1 - June 15
SPECIFIC REGIONAL REQUIREMENTS					
Textual provisions	Current textual provisions	eANP provisions should be complemented by specific regional provisions as necessary	provisions from SRWG? CRV TF?	Inform TF/WG of ongoing work with eANP and request if there are specific requirements to consider	dates of TF/WG

eANP provisions	Current RANP provisions	Early analysis by APAC RO Secretariat	Discussion 23 Jan 15	Action raised 04 Feb. 15	Target date
Table CNS 2A - VHF Aeronautical Mobile Service and AMSS	CNS 2 AERONAUTICAL MOBILE SERVICE AND AERONAUTICAL MOBILE SATELLITE SERVICE	NO GAP	Compare templates and update?	Populate both eANP tables (tables into requirement (vol II) and implementation status (vol III) with material from current RANP and update from States	Collect inputs during F2F meeting - 10 April 15 Populate 2 eANP tables - 15 May 15
Table CNS 3 radio navigation aids and GNSS in support of the PBN implementation	CNS 3 RADIO NAVIGATION AIDS	NO GAP	Compare templates and update?	Populate both eANP tables (tables into requirement (vol II) and implementation status (vol III) with material from current RANP and update from States	Collect inputs during F2F meeting - 10 April 15 Populate 2 eANP tables - 15 May 15
	Chart CNS 3A - En-route Navigatoin Aids				
	Chart CNS 3B - Aids to final approach and landing				
	CNS 4A SURVEILLANCE SYSTEMS	GAP: Not required by eANP template provisions - May be kept (or not)	4A perhaps is required ?	PROs and CONs to keep or not	During F2F meeting - 10 April 15
	CNS 4B ATS AUTOMATION SYSTEMS	GAP: Not required by eANP template provisions - May be kept (or not)	and 4B may not be required as it is - seamless item?	PROs and CONs to keep or not	During F2F meeting - 10 April 15
	Associated charts of Part IV of the FASID				
	Att A - LANDLINE TELETYPEWRITER CIRCUIT PERFORMANCE CHART	GAP: Not required by eANP template provisions - May be kept (or not) as a specific regional requirement		PROs and CONs to keep or not	During F2F meeting - 10 April 15
	Att B - AFTN CIRCUIT LOADING STATISTICS	GAP: Not required by eANP template provisions - May be kept (or not) as a specific regional requirement		PROs and CONs to keep or not	During F2F meeting - 10 April 15

eANP provisions	Current RANP provisions	Early analysis by APAC RO Secretariat	Discussion 23 Jan 15	Action raised 04 Feb. 15	Target date
	Att C - HARMFUL INTERFERENCE REPORT FORM	GAP: Not required by eANP template provisions - May be kept (or not) as a specific regional requirement		PROs and CONs to keep or not	During F2F meeting - 10 April 15
	Regular publications				
	Frequency list 1 List of facilities in the band 190 - 526.5 kHz	GAP: Not required by eANP template provisions - May be kept (or not) as a specific regional requirement		Proposed to be kept - see current provision of RANP and update if needed	During F2F meeting - 10 April 15
	Frequency list 2 List of facilities in the band 108 - 117.975 MHz and 960 - 1215 MHz	GAP: Not required by eANP template provisions - May be kept (or not) as a specific regional requirement		Proposed to be kept - see current provision of RANP and update if needed	During F2F meeting - 10 April 15
	Frequency list 3 List of facilities in the band 117.975 - 137.000 MHz	GAP: Not required by eANP template provisions - May be kept (or not) as a specific regional requirement	Consultation of Frequency Finder?	Draft a provision that when FF is available to States, the frequency list 3 will not be published any longer	During F2F meeting - 10 April 15
	List of SSR II codes	GAP: Not required by eANP template provisions - May be kept (or not) as a specific regional requirement		Proposed to be kept - see current provision of RANP and update if needed - Draft a provision that when FF is available to States, the list will not be published any longer	During F2F meeting - 10 April 15
	ASIA/PAC Catalogue of Flight Inspection Units	GAP: Not required by eANP template provisions - May be kept (or not) as a specific regional requirement		see if an update is needed - Proposed to be kept - see current provision of RANP and update if needed	During F2F meeting - 10 April 15
	Online tools				
	AFTN routing chart	GAP: Not required by eANP template provisions - May be kept (or not) as a specific regional requirement			

eANP provisions	Current RANP provisions	Early analysis by APAC RO Secretariat	Discussion 23 Jan 15	Action raised 04 Feb. 15	Target date
	ATN routing chart	GAP: Not required by eANP template provisions - May be kept (or not) as a specific regional requirement			
	ATN doc tree	GAP: Not required by eANP template provisions - May be kept (or not) as a specific regional requirement		Proposed to be dropped	
VOLUME III					
PART 0 – Introduction					
Textual provisions		Update name of the region - editorial work			
PART I – General Planning Aspects (GEN)					
Textual provisions		Update name of the region - editorial work			
Table GEN III-1 – Implementation Indicator(s) for each ASBU Block 0 Module		Amend table as necessary in line with regional objectives and targets			
Appendix A – Sample Template for Air Navigation Report Form (ANRF)		Note			
Appendix B – Main Planning Table Template		Note			
PART II – Air Navigation System Implementation					
Textual provisions		Update name of the region - editorial work			

eANP provisions	Current RANP provisions	Early analysis by APAC RO Secretariat	Discussion 23 Jan 15	Action raised 04 Feb. 15	Target date
Main Planning Table		draft APAC eANP Main Planning Table should be reviewed/complemented as necessary (draft developed)			
ANRF		ANRF should be attached			
Supplementary Tables templates, as needed		eANP tables templates for collecting data should be placed here (should not be redundant with Seamless data collected)			
Supplementary Tables populated, as needed		eANP tables populated with collecting data should be placed here			
	Online tools				
	Seamless ATM online reporting process	URL and guidance are available and should be provided			
	Regional Performance Dashboard	URL and guidance are available and should be provided			
