



ICAO

International Civil Aviation Organization

**Twenty Seventh Meeting of the Communications/  
Navigation and Surveillance Sub-group (CNS SG/27)  
of APANPIRG**

Bangkok, Thailand, 28 August – 01 September 2023

**Agenda Item 9:** Regional implementation review and updates

9.1 Seamless ANS Reporting Process including the ASBU regional performance dashboard/implementation plan

**PROGRESS ON APAC SEAMLESS ANS REPORTING PORTAL**

(Presented by Secretariat)

**SUMMARY**

This paper presents the current development status on the APAC Seamless ANS Reporting Portal.

**1. INTRODUCTION**

1.1 ICAO Doc 9750 Global Air Navigation Plan (GANP) contained the vision of an integrated, harmonized, and globally interoperable Air Navigation Services (ANS) system until and beyond 2028. To achieve this objective, the involvement and active participation of States from each of the seven ICAO Regions is essential. To facilitate the adaptation process of global expectations, a regional plan was created.

1.2 The first version of the Asia/Pacific Seamless ATM Plan was published in 2013. In 2014, the APANPIRG/25 Meeting adopted Regional Priorities and Targets for the APAC Region through the following Conclusion:

*Conclusion APANPIRG 25/2 – APAC Regional Air Navigation Priorities and Targets*

*That, the Regional Priorities and Targets contained in Appendix A to this Report on Agenda Item 3.0 be endorsed by APANPIRG.*

1.3 After the creation of an ICAO web-based reporting tool in 2014, APANPIRG adopted the following:

*Conclusion APANPIRG 25/5 – Web-based Seamless ATM Implementation Progress Reporting Process*

*That, States/Administrations be urged to report on their Seamless ATM implementation progress at least once a year through the ICAO online reporting process from November 2014 onwards.*

1.4 The ICAO Regional Office encouraged APAC States/Administrations to nominate their Points of Contact (POCs) as requested by ICAO State Letter. The POCs are responsible for submitting and updating their respective State's progress of Seamless ANS Plan implementation.

1.5 In order to match the 6<sup>th</sup> Edition of GANP, APANPIRG/30 reviewed and adopted the Asia/Pacific Seamless ANS Plan Version 3.0 through *Conclusion APANPIRG 30/5*. Besides, the following Conclusion was adopted to invite ICAO Headquarters' support for Regional ANS Implementation:

*Conclusion APANPIRG 30/6 - ICAO HQ Support for Regional ANS Implementation*

*That, ICAO HQ is invited to:*

*(1) given the greatly increased number and complexity of Aviation System Block Upgrade (ASBU) elements in the draft 6th Edition of the Global Aviation Navigation Plan (GANP), the redefinition of ASBU Block 0 elements that were expected to be completed by 2019, and the need for more detailed and comprehensive guidance provided on the ASBU Portal for each element than is currently provided, consider:*

*(i) the consequences for States of different capabilities to ensure that the No Country Left Behind (NCLB) policy is fully considered; and*

*(ii) the extra resources, tools and training required to enable States to be able to understand, review, determine priorities and costs/benefits, and implement the applicable ASBU elements; and*

*(2) ensure that the redevelopment of the Regional Air Navigation Plan Volume III templates allow the Asia/Pacific Seamless Air Navigation Service (ANS) Plan to be fully incorporated into Vol. III without amendment; and*

*(3) ensure an urgent upgrade of the electronic regional ANS Monitoring and Reporting Scheme to:*

*(i) allow States to electronically submit data related to the Seamless ANS Plan and its subsidiary plans; and*

*(ii) ensure the ICAO Regional Office can amend online elements, metrics and priorities, consistent with APANPIRG endorsements.*

1.6 The last review for the Asia/Pacific Seamless ANS Plan was originally planned in 2022 by the ATM Section of ICAO APAC Regional Office. They had provided the status on the progress for the review via [ATM SG/10 WP/05](#) in 2022 and the review on the Seamless ANS Plan was still under progress as of the time of this paper presents.

1.7 CNS Section of ICAO APAC Regional office has been coordinating with ICAO Headquarters to solicit necessary resources for the development of APAC Seamless ANS Reporting Portal all along. In 2021, ICAO Headquarters assigned a team of ICT experts to kickstart the design and development of the Portal based on the requirements from the Region, and the previous deprecated Reporting Portal. While the CNS Section was awaiting for the progress on the review status of the Asia/Pacific Seamless ANS Plan in order to incorporate the changes into the Portal to facilitate States to report their Seamless ANS Plan implementation status, CNS Section has been taken active approach in setting up the Portal. A demonstration was conducted to the live working APAC Seamless ANS Plan Reporting Portal in last APANPIRG/33 in 2022.

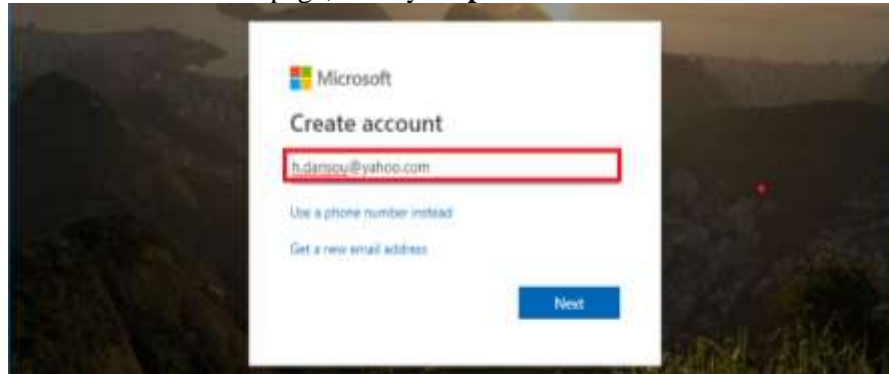
## 2. DISCUSSION

2.1 The following paragraphs introduce the use of the APAC Seamless ANS Plan Reporting Portal.

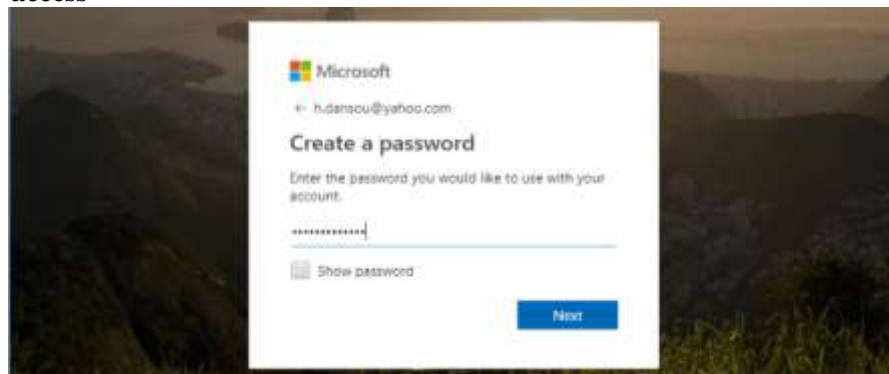
### 2.2 Registration

2.2.1 Go to site: <https://signup.live.com/signup>

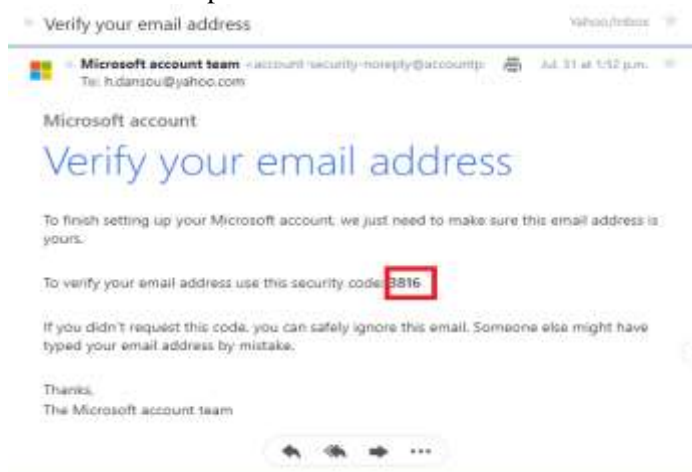
2.2.2 On the create account page, enter your **personal email** and click **Next**



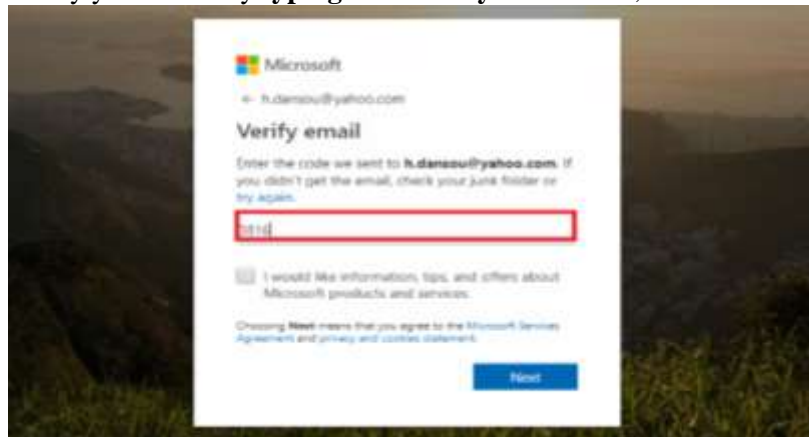
2.2.3 Enter a **password** that you would like to use with your **personal account**, and click on the **Next** button. **It is important to memorize or note this password for a future access**



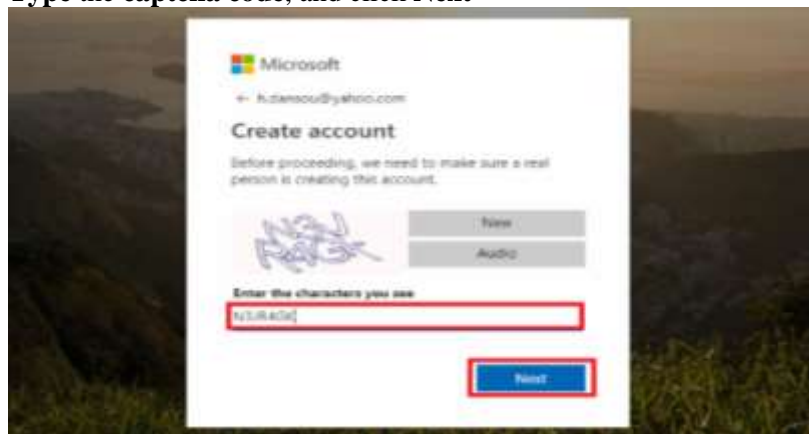
2.2.4 Microsoft will send you a **security code** to your **personal email**. Note the security code for the below steps



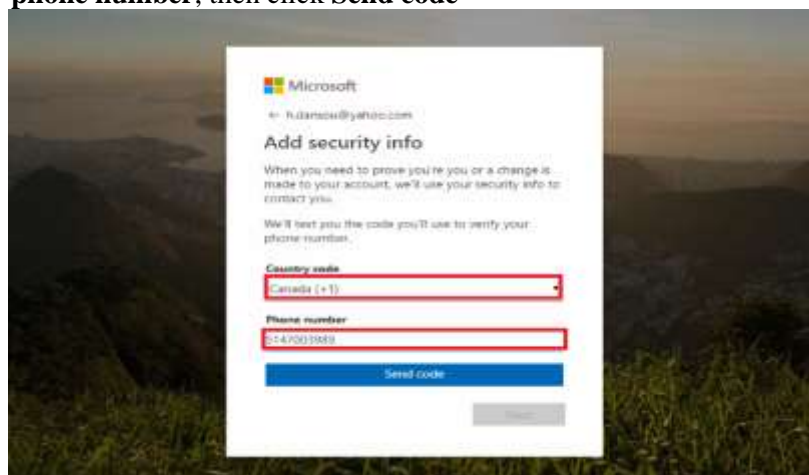
2.2.5 Verify your email by **typing** the **security code** above, then click **Next**

A screenshot of the Microsoft 'Verify email' screen. The background is a scenic landscape with mountains and a lake. The Microsoft logo is at the top left. Below it, the email address 'h.dansoul@yahoo.com' is displayed. The title 'Verify email' is centered. The text below the title says: 'Enter the code we sent to h.dansoul@yahoo.com. If you didn't get the email, check your junk folder or try again.' There is a text input field containing the code '3314'. Below the input field is a checkbox with the text 'I would like information, tips, and offers about Microsoft products and services.' At the bottom, there is a link: 'Choosing Next means that you agree to the Microsoft Services Agreement and privacy and cookies statement.' and a blue 'Next' button.

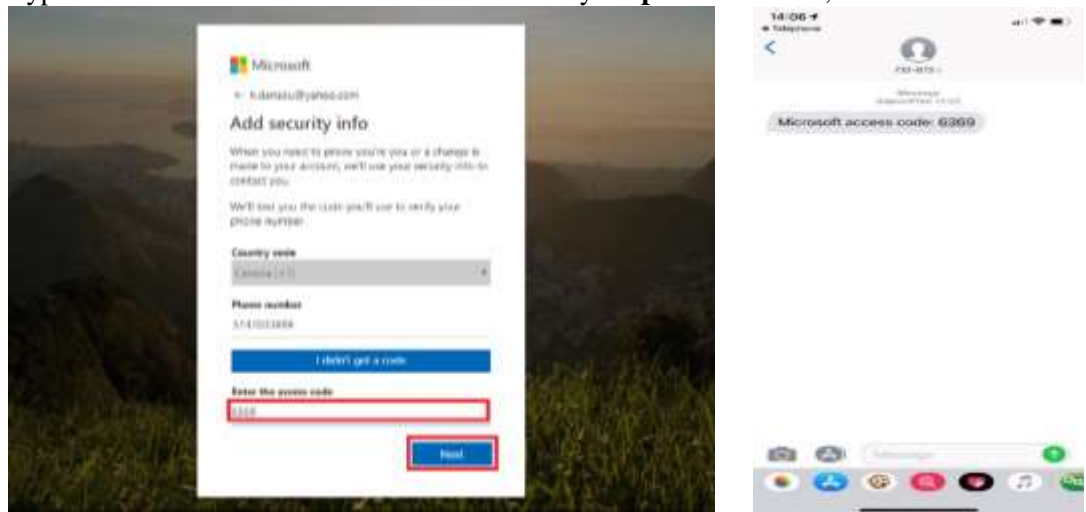
2.2.6 Type the **captcha code**, and click **Next**

A screenshot of the Microsoft 'Create account' screen. The background is the same scenic landscape. The Microsoft logo is at the top left. Below it, the email address 'h.dansoul@yahoo.com' is displayed. The title 'Create account' is centered. The text below the title says: 'Before proceeding, we need to make sure a real person is creating this account.' There is a captcha image showing the letters 'N32' and 'R33K' in a stylized font. To the right of the captcha are two buttons: 'Voice' and 'Audio'. Below the captcha is a text input field containing the code 'N32R33K'. At the bottom right is a blue 'Next' button.

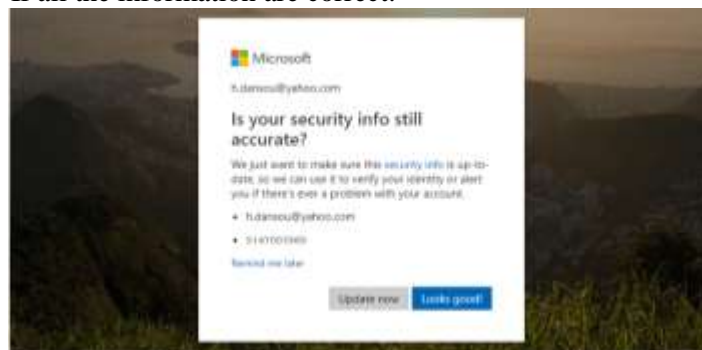
2.2.7 Add security info using your **phone number**. Select your **country code**, and type your **phone number**, then click **Send code**

A screenshot of the Microsoft 'Add security info' screen. The background is the same scenic landscape. The Microsoft logo is at the top left. Below it, the email address 'h.dansoul@yahoo.com' is displayed. The title 'Add security info' is centered. The text below the title says: 'When you need to prove you're you or a change is made to your account, we'll use your security info to contact you.' Below this, it says: 'We'll text you the code you'll use to verify your phone number.' There are two input fields: 'Country code' with a dropdown menu showing 'Canada (+1)' and 'Phone number' with the text '5147001989'. At the bottom is a blue 'Send code' button and a grey 'Back' button.

- 2.2.8 Type the **Microsoft access code** sent as SMS to your **phone number**, and click **Next**



- 2.2.9 Check again your security info and update them if needed. **Click on Looks good!** button  
If all the information are correct.



- 2.2.10 Now, a free Microsoft account is created, remember the email address and password for later Microsoft account login.

- 2.2.11 After the above steps, you must inform your registered email address to ICAO APAC Regional Office via [yluo@icao.int](mailto:yluo@icao.int) to grant permission on the portal.

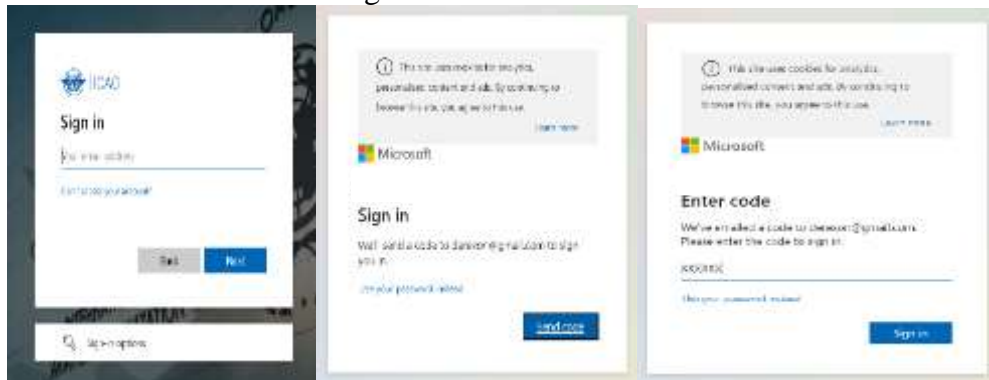
## 2.3 Login

2.3.1 Go to the portal site: <https://icaoansreportingclient.azurewebsites.net/>.

2.3.2 Pick your account if previously signed in, or choose **Use another account**.



2.3.3 Follow the instructions to sign in.



2.3.4 You should see the Home Screen as follows after successful login.





## 2.4 Create New Report

### 2.4.1 Click New Report.



2.4.2 Fill in basic information first, including Report Year and Date of Report, then click **Save new report data**. Details of each item could be filled in later by listing previous drafts via **List Reports**.

The screenshot shows the 'Save new report data' form in the ICAO ANS Reporting web application. The form includes the following fields:

- State/Administration: Hong Kong, China
- Report Status: In progress
- Report Year: 2022
- Number of FIR: 0
- Number of high density FIR: 0
- Number of International Aerodrome: 0
- Number of High Density International Aerodrome: 0
- General Comment: (empty text area)

Below the form is a table with the following columns: Priority, Seamless Plan Item/ASBU Reference, Phase, Applicable or not, Date of Complete implementation, Progress, Remarks, and Issues Encountered or Expected. The table contains four rows of data:

Priority	Seamless Plan Item/ASBU Reference	Phase	Applicable or not	Date of Complete implementation	Progress	Remarks	Issues Encountered or Expected
2	Apron Management	0	II	dd/mm/yyyy	0		
2	ATS Coordination	0	II	dd/mm/yyyy	0		
2	Aerodrome capacity	0	II	dd/mm/yyyy	0		
3	Continuation of runway	0	II	dd/mm/yyyy	0		

2.4.3 Saving the draft of a new report would take some time. Please be patient.

The screenshot shows the 'Save new report data' form in the ICAO ANS Reporting web application. The form is identical to the previous screenshot, but the 'Save new report data' button is highlighted with a red rectangle. Below the form, there is a message: 'Please wait for data operation...'.

2.4.4 Saving is done and you should see the status as follows.

The screenshot shows the ICAO ANS Reporting web application after the report has been saved. The message 'The report data is saved.' is displayed in the main content area.

## 2.5 View and Edit on Previous Reports

### 2.5.1 Click **List Reports**.



### 2.5.2 Click the date buttons to choose previous drafts/submitted reports. Click **Copy** to create a new report with entries same as that draft/submitted reports. Click **Delete** to delete a draft report.

Priority	Seamless Plan Item/ASBU Reference	Phase	Applicable or not	Date of Complete Implementation	Progress	Remarks	Issues Encountered or Expected
2	Apron Management	0	0	0	0	0	0
2	ATIS Coordination	0	0	0	0	0	0
2	Airborne capacity	0	0	0	0	0	0

### 2.5.3 After selecting the report by clicking the date buttons, the previous draft/submitted report should be retrieved. If the report is “In Preparation” under **Report Status**, the user can edit the entries and any updates are **saved automatically**. Entries in “Submitted” reports are not updatable and can only be copied as new reports.

Priority	Seamless Plan Item/ASBU Reference	Phase	Applicable or not	Date of Complete Implementation	Progress	Remarks	Issues Encountered or Expected
2	Apron Management	0	0	0	0	0	0
2	ATIS Coordination	0	0	0	0	0	0
2	Airborne capacity	0	0	0	0	0	0

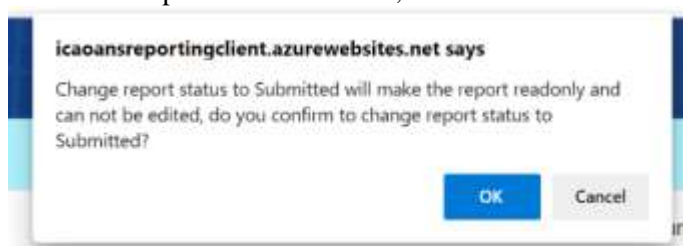


## 2.6 Submission

2.6.1 To submit a report, Click **Submitted** under **Report Status**.

The screenshot shows the ICAO ANS Reporting portal. The 'Report Status' dropdown menu is highlighted with a red box, and 'Submitted' is selected. The 'Report Year' is set to 2022. The 'Date of Report' is 10-07. The 'State/Administrator' is Hong Kong, China. The 'Number of FIR' is 1. The 'Number of high density FIR' is 1. The 'Number of International Aerodrome' is 1. The 'Number of High Density International Aerodrome' is 1. The 'Searchable Plan Item/ASBU' is Apron Management. The 'Applicable of not' is 1. The 'Date of Complete Implementation' is 10/11/2022. The 'Progress' is 100%. The 'Remarks' are 111. The 'Issues Encountered or Expected' are 111.

2.6.2 Click **OK** to proceed submission; Click **Cancel** to cancel the submission.



2.6.3 The status becomes “Submitted” and all fields are frozen from editing.

The screenshot shows the ICAO ANS Reporting portal after submission. The 'Report Status' dropdown menu is highlighted with a red box, and 'Submitted' is selected. The 'Report Year' is 2022. The 'Date of Report' is 10-07. The 'State/Administrator' is Hong Kong, China. The 'Number of FIR' is 1. The 'Number of high density FIR' is 1. The 'Number of International Aerodrome' is 1. The 'Number of High Density International Aerodrome' is 1. The 'Searchable Plan Item/ASBU' is Apron Management. The 'Applicable of not' is 1. The 'Date of Complete Implementation' is 10/11/2022. The 'Progress' is 100%. The 'Remarks' are 111. The 'Issues Encountered or Expected' are 111.

## 2.7 Way Forward

2.7.1 Upon the completion of review of the APAC Seamless ANS Plan which should clearly indicate the reporting items, the Reporting Portal will be updated with the items for States to report to. ICAO APAC Regional Office will inform the Region of the arrangement of the use of the new Reporting Portal.

## 3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper; and
- b) discuss any relevant matter as appropriate.

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