



International
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Международная
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гражданской
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منظمة الطيران
المدني الدولي

国际民用
航空组织

Ref.: T 8/9.6: AP046/20 (CNS)

3 September 2020

Subject: Twenty Fourth Meeting of the
Communications, Navigation and Surveillance Sub-group
(CNS SG/24) of APANPIRG
(*Web-conference, 30 November – 4 December 2020*)

Action Req'd: Reply at your earliest convenience, preferably
not later than 16 November 2020

Dear Sir/Madam,

I am pleased to invite your State/Administration to attend the Twenty Fourth Meeting of the Communications, Navigation and Surveillance Sub-group (CNS SG/24) of APANPIRG which will be held via web-conference from 30 November to 4 December 2020.

States/Administrations are requested to nominate appropriate expert (s) to join the meeting. The provisional agenda of the Meeting is provided in **Attachment 1**. Information related to the web-conference, meeting participation, documentation and other arrangement is provided in **Attachment 2**.

In order to enable this Office to take appropriate action, I would like to request you to:

- a) review the provisional agenda and submit suggestions for changes, if any; and
- b) submit Working Papers for presentation at the Meeting in electronic format (MS Word or Adobe pdf) as early as possible, but not later than **16 November 2020**. This is necessary to facilitate States' internal coordination and the publishing of the papers on the ICAO website well in advance of the Meeting. Papers received after **16 November 2020** will be considered as late Information Papers or Flimsies, which may not be read during the meeting.

2/...

Registration can be done online at <https://www.icao.int/APAC/Meetings/Pages/2020-CNS-SG24.aspx> preferably by 16 November 2020 for making necessary arrangement. Once the registration is accepted, the participant will receive a confirmation message/email for attending at the meeting. Guidelines for online registration is provided in **Attachment 3**. **Only the registered participants are entitled to receive the invitation link to join the meeting.** For further assistance regarding the meeting, please contact apac@icao.int with cc: ylo@icao.int; bsirapongkosit@icao.int In addition, participants should obtain updated materials from the ICAO APAC Office website prior to the commencement of the meeting.

I look forward to your participation at the meeting.

Yours sincerely,



Arun Mishra
Regional Director

Enclosures:

- Attachment 1: Provisional Agenda
- Attachment 2: Web-conference Bulletin
- Attachment 3: Guidelines for Online Registration



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**Twenty Fourth Meeting of the Communications/
Navigation and Surveillance Sub-group (CNS SG/24) of
APANPIRG**

Web-conference, 30 November – 4 December 2020

PROVISIONAL AGENDA

- Agenda Item 1:** Adoption of agenda
- Agenda Item 2:** Review outcomes of APANPIRG/RASG Chairpersons review, APANPIRG/30 meeting, 40th Session of ICAO Assembly, ATM Sub-group and other major meetings relevant to CNS Sub-group
- Agenda Item 3:** Aeronautical Fixed Service (AFS)
- 3.1 Review Report of the Seventh Meeting of the Aeronautical Communication Services Implementation Coordination Group (ACSICG/7) including the outcome of the Seventh Meeting of Common aeRonautical VPN Operations Group (CRV OG/7);
 - 3.2 Review the AMHS readiness status for supporting IWXXM Traffic of the States/Administrations
 - 3.3 Review Report of Sixth Meeting of the Asia Pacific AIDC Task Force (APA TF/6);
 - 3.4 Review outcomes of the Fourth Meeting of System Wide Information Management Task Force (SWIM TF/4);
 - 3.5 Review outcomes of SWIM Demonstration; and
 - 3.6 Other AFS related issues
- Agenda Item 4:** Aeronautical Mobile Communications Service and Aeronautical electromagnetic spectrum utilization
- 4.1 Update on status of datalink applications and VHF capability sharing by States;
 - 4.2 Review outcomes of the ITU World Radiocommunication Conference 2019 (WRC-19);
 - 4.3 Proposed agenda for ITU WRC-2023;
 - 4.4 Review Report of the Fourth Meeting of Spectrum Review Working Group (SRWG/4);
 - 4.5 Other issues related to aeronautical communications service and aeronautical radio spectrum management

Agenda Item 5: Navigation

- 5.1 Review report of the Seventh Meeting of Performance based Navigation Implementation Coordination Group (PBNICG/7);
- 5.2 Review report of the First and the Second Meeting of GBAS/SBAS Implementation Task Force (GBAS/SBAS ITF/1 and GBAS/SBAS ITF/2);
- 5.3 Review outcomes of the Seminar on Flight Inspection and Procedure Validation;
- 5.4 Guidance materials for flight inspection;
- 5.5 Other navigation related issues

Agenda Item 6: Surveillance

- 6.1 Review Reports of Fifth Meeting of the Surveillance Implementation Coordination Group (SURICG/5) including:
 - Review outcomes of the Fifteenth Meeting of the South East Asia and Bay of Bengal Sub-regional ADS-B Implementation Working Group (SEA/BOB ADS-B WG/15); and
 - Review outcomes of the Third Meeting of Mode S Downlinked Aircraft Parameters Working Group (Mode S DAPs WG/3)
- 6.2 Other surveillance related issues

Agenda Item 7: Automation

- 7.1 Review the outcomes of the Seminar on Air Traffic Management Automation System and the report of the First Meeting of ATM Automation Systems Task Force (ATMAS TF/1); and
- 7.2 Other automation related issues

Agenda Item 8: Review and updates

- 8.1 Seamless ATM Reporting Process including the ASBU regional performance dashboard/implementation plan
- 8.2 National ANP and elements related to CNS; and
- 8.3 Updates on collaboration between ICAO Regional Office and Eurocontrol on tools and services related to CNS

Agenda Item 9: Review status of CNS deficiencies (APANPIRG Deficiency List)

Agenda Item 10: Human Factors and Air Traffic Safety Electronics Personnel (ATSEPs) related training

10.1 Review outcomes of small working group study on human factor issues of ATSEP

Agenda Item 11: Cybersecurity of CNS/ATM systems

11.1 Review outcomes of ICAO Regional Cyber Safety & Resilience Workshop with Tabletop Exercise (TTX); and

11.2 Updates on ICAO International Trust Framework

Agenda Item 12: Discuss and share experience and application of new technologies, including big data analysis, artificial intelligence, Digital Tower, counter UAS detection and identification system, UTM, etc.

Agenda Item 13: CNS related work/projects impacted by COVID-19

Agenda Item 14: Dates of next meeting and any other business



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International Civil Aviation Organization

**Twenty Fourth Meeting of the Communications/
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APANPIRG**

Web-conference, 30 November – 4 December 2020

WEB-CONFERENCE BULLETIN

1. Schedule of the Meeting

1.1. The Meeting (web-conference) will open at **0900 hrs. ICT (UTC +7)** on **Monday, 30 November 2020.**

1.2. The discussion sessions (on the agenda items) are proposed from **0900 to 1400 hrs. ICT (UTC +7) on Tuesday to Friday, 1 to 4 December 2020.**

1.3 The programme will be available on the meeting webpage on the first day of the meeting.

2. Officers and Secretariat concerned with the Meeting

2.1. Secretary of the Meeting:

Mr. Luo Yi, Regional Officer CNS

Tel: +66 (2) 537 8189 Ext. 158

Fax: +66 (2) 537 8199

E-mail: ylo@icao.int

2.2. Additional secretarial and administrative support to the Meeting:

Ms. Bhabhinan Sirapongkosit

ICAO Programme Assistant

Tel: +66 (2) 537 8189 Ext. 49

Fax: +66 (2) 537 8199

E-mail: bsirapongkosit@icao.int

3. Registration of participants

3.1 Registration for the CNS SG/24 can be done online. The nominated participant (s) from State/Administration are requested to access <https://www.icao.int/APAC/Meetings/Pages/2020-CNS-SG24.aspx> and register for the event by using guideline for online registration as provided in the **Attachment 3** to the invitation letter. Kindly noted that the last day of registration is **Monday, 16 November 2020 and only the registered participant (s) are entitled to receive meeting invitation link to join the meeting.**

4. Meeting materials

4.1. The Secretariat will make the Meeting materials (i.e., documentation, papers, templates, instructions, etc.) available in electronic format prior to the Meeting (web-conference) on the ICAO APAC Office website (at: www.icao.int/apac > Meetings > Meeting List – 2020 > CNS SG/24

4.2. Each participant should review all working papers and supporting information papers prior to the commencement of the Meeting (web-conference) discussion sessions.

4.3. Participants wishing to submit papers for consideration by the Meeting must do so, via e-mail to the ICAO APAC Office at: apac@icao.int, as early as possible and in any case **no later than Monday, 16 November 2020**

5. Joining the Meeting (web-conference)

5.1. When joining the Meeting (web-conference) sessions, please ensure your **microphone is muted** and **video is turned off**.

5.2. Each participant should ensure that their web-conference display name reflects their respective State or Organization first, followed by their participant name, e.g., “**Australia – name**”, “**Bangladesh – name**”, **China – name** etc.

5.3. Each registered participant will receive by e-mail from the Secretariat with the “*Join meeting*” link and appropriate instructions about one week before the Meeting (web-conference) sessions.

5.4. Participants should join the Meeting (web-conference) sessions approx. 10- to 15-minutes prior to the scheduled start of each session.

6. Participants’ working environment

6.1 Each participant should ensure they join the web-conference from a location with minimal, or preferably no, background noise.

6.2 To minimize the potential for audio-feedback to hinder the discussions, each participant should join the web-conference using a separate computer/device in a separate room/office. If sharing a single computer/device to join the web-conference with fellow participant/s, please ensure that only one computer/device per room/office has its microphone unmuted and audio speaker on at any one time.

7. During the web-conference

7.1 Participants who wish to address a question, answer or comment to the Meeting should please inform the Chair, Secretary or moderator of the discussion by using the web-conference interface to **Raise your hand** or send a “CHAT” message, e.g. “*Thailand wishes to speak*”, or “*Thailand question*”, etc.

7.2 Participants who wish to address a message only to a specific member of the Meeting, e.g., to the Chair or Secretary (or another participant), should use the web-conference interface to send a private CHAT message if supported by the application. **CAUTION:** When sending a private CHAT message, please exercise care and **avoid inadvertently sending a private CHAT message to “EVERYONE”**.

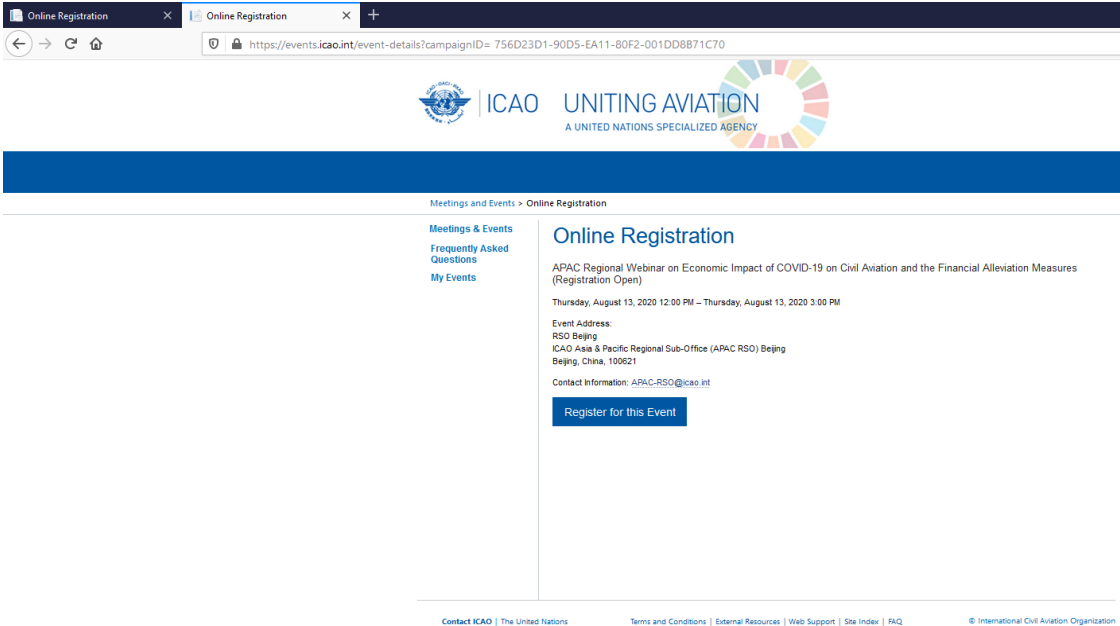
7.3 Additional information and instructions concerning the web-conferencing tools and applications, will be provided separately at the meeting website.

7.4 Participants should only unmute their microphone and turn on their video when invited to speak by the Chair, Secretary or moderator of the discussion. Please always remember to mute your microphone when finish speaking.

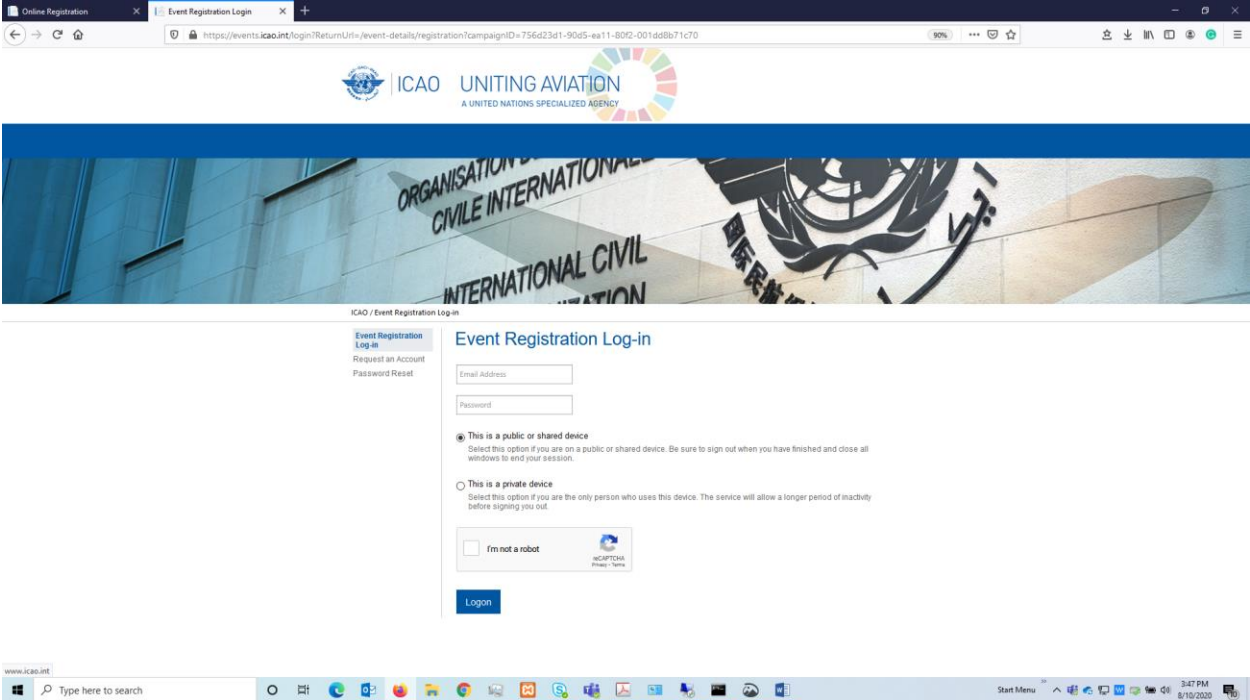
7.5 The Chair and/or Secretary will manage the presentation of meeting material during the web-conference, unless specifically arranged. Speakers should clearly identify to the meeting the relevant paper, presentation or other meeting material they are speaking to, as well as the specific paragraphs, pages and slides, as appropriate.

GUIDELINES FOR ONLINE REGISTRATION

Step 1: Open the link for the event you are registering for and select Register for this Event button



Step 2: Login to the Page if you have ever used this portal or skip to step 3 for New users



If you have ever Registered for any ICAO event using this portal, please enter you email address and password, Select the Captcha and finally click login to open the Next Page and complete the registration.

Step 2a: Once you login, the system will open a registration page with pre-populated information.

Step 2b: Complete the remaining required fields and click "Register Now".

Step 2c: Please check your email account for the event confirmation email.

Step 2d: If you forgot your password for the Events Registration portal, please click on "Password Reset" to reset your password.

Step 3: For a new user, click on "Request an Account?" link found on the left menu as seen below. (First time to use this event registration page, Please select Request an Account)

ICAO / Event Registration Log-in

Event Registration Log-in


Request an Account
Password Reset

Email Address

Password

This is a public or shared device
Select this option if you are on a public or shared device. Be sure to sign out when you have finished and close all windows to end your session.

This is a private device
Select this option if you are the only person who uses this device. The service will allow a longer period of inactivity before signing you out.

I'm not a robot  reCAPTCHA
Privacy - Terms

Logon

Step 3a: Input your email address, to check if you details are in the system.

Meetings and Events > Online Registration > Online Registration

Online Registration

Existing user? Please login [here](#).

We would like to verify if your email address already exists in the system.

charles@caa.org

Verify email address

Step 3b: Select Proceed to new Registration

The screenshot shows the 'Online Registration' page. On the left, there is a sidebar with 'Meetings & Events', 'Frequently Asked Questions', and 'My Events'. The main content area is titled 'Online Registration' and includes a login link for existing users. Below this, it states 'Fields with an * are mandatory'. The 'Personal Information' section contains several fields: Salutation, Picture (with a 'Browse...' button), First Name, Last Name, E-Mail (pre-filled with 'charles@caa.org'), Phone, Organization, Job Title, and Industry Type. An error message box is overlaid on the form, stating: 'Information We could not find your information with us. Please click on "Proceed to a new registration" to continue the registration process.' The box has 'Cancel' and 'Proceed to a new registration' buttons.

Step 3c: Complete the remaining required fields click Next and "Register Now".

This screenshot shows the 'Online Registration' form with all required fields filled. The 'Picture' field now shows 'No file selected.' The 'Industry Type' field is a dropdown menu. The 'Area of activity' field is also a dropdown menu. A blue 'Next' button is located at the bottom right of the form area.

Step 3d: Please check your email account for the event confirmation email.

Step 4: You can reset your password by clicking on "Password Reset"

If you forgot your password, then select the Password reset link found on the Left menu of this page, input your email address then click Reset and a link will be sent with a new password which you can use to login