



International
Civil Aviation
Organization

Organisation
de l'aviation civile
internationale

Organización
de Aviación Civil
Internacional

Международная
организация
гражданской
авиации

منظمة الطيران
المدني الدولي

国际民用
航空组织

When replying please quote:

Ref.: NT-N1-8.3.13 — **E.OSG - NACC84435**

12 December 2020

To: States, Territories and International Organizations

Subject: **Invitation – Automatic Dependent Surveillance – Broadcast OUT Technical On-Line Workshop for the NAM/CAR Regions (ADS-B/OUT/W)**
(26 to 29 January 2021. from 9 AM to 12 PM, UTC-6)

Action

Required: **Register on-line by 20 January 2021**

Dear Sir/Madam,

I wish to invite your Administration/International Organization to participate in the ADS-B Automatic Dependent Surveillance – Broadcast OUT Technical Workshop for the NAM/CAR Regions (ADS-B/OUT/W) in coordination with the Federal Aviation Administration (FAA) of United States. The workshop will be held online from 26 to 29 January 2021. The syllabus is presented in the **Attachment**.

ADS-B OUT is an important implementation for the region, which allows increasing safety, being more efficient and supporting the implementation of new capabilities of aviation, such as automation through the Air Traffic Services Inter-facility Data Communication (AIDC).

The workshop will focus on the technical aspects of ADS-B, evaluation and implementation features, surveillance and communications protocols, as well as information quality assessment. In that sense, it is recommended the participation of air navigation system planners specialized in the surveillance technical (maintenance) and operational areas, and of the members of the NAM/CAR Air Navigation Implementation Working Group (ANI/WG) Surveillance Task Force (SURV/TF), that participate in the regional implementation and surveillance activities. In the same way, it is addressed to Air Navigation Services (ANS) providers and safety and airworthiness inspectors.

The working languages of the workshop will be English and Spanish. Interpretation services will be provided.

The ICAO NACC Regional Office invites you to register by 20 January 2021 through the following link: <https://bit.ly/3n7kkPm>

.../2

Once registered, Zoom will generate a unique connection link for the registered participant and he/she will receive a confirmation email from Zoom containing information about joining the meeting; please note that the connection link is unique to the registered participant and cannot be shared with other users. **Please ensure to save this message, as you will need it to connect to the event.**

Although this event will be held in the Zoom platform, in case your State does not have access to Zoom, please let us know of your interest in participating in this event so we can send you a GoToMeeting link that will broadcast this event.

For further information, please contact Mrs. Mayda Ávila, Regional Officer, Communications, Navigation and Surveillance (mavila@icao.int), or Mr. Gabriel Gutiérrez (ggutierrez@icao.int), Assistant.

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


for
Melvin Cintron
Regional Director
North American, Central American and
Caribbean (NACC) Regional Office

Enclosure: *As indicated*

N:\N - ICAO Regions\N 1- 8.3.13 - ADS-B and Multilateral Events\2101-ADS-B OUT Workshop\Correspondence\NACC84435CNS-States-InvitationADSB-OUTWorkshop.docx / GG



ICAO

International Civil Aviation Organization
North American, Central American and Caribbean Office

**Automatic Dependent Surveillance – Broadcast OUT Technical
On-Line Workshop for the NAM/CAR Regions
(ADS-B/OUT/W)**

26 to 29 January 2021 from 9 AM to 12 PM, UTC-6

**ATTACHMENT
SYLLABUS**

Tuesday 26 January 2021

Detailed Overview of ADS-B OUT Avionics Systems

1. On-board surveillance equipment
2. ADS-B Technology
3. ADS-B interdependency with other avionics systems
4. Overview of Surveillance Categories and Systems

Wednesday 27 January 2021

Detailed Overview of Ground Automation Systems

1. Purpose of Wide Area Multilateration (WAM)
2. Purpose for surface movement
3. Target detection and tracking
4. Time Difference of Arrival (TDOA)

Thursday 28 January 2021

Detailed Overview of Surveillance Chain Integration

1. Surveillance chain overview
2. ASTERIX format
3. Surveillance chain integration
4. Source prioritization
5. Fusion
6. Security
7. ADS-B monitoring
8. Performance and compliance

Friday 29 January 2021

Workshop Final Test

— END —