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5 December 2022

**Subject: Regional Seminar on Advanced Surface  
Movement Guidance & Control System (A-SMGCS)  
(Luxor, Egypt, from 30 January to 1<sup>st</sup> February 2023)**

**Action Required: Reply not later than 30 December 2022**

Sir,

I have the honour to inform you that ICAO MID Office is organizing a Regional Seminar on the Advanced Surface Movement Guidance & Control System (A-SMGCS). The Seminar will be gratefully hosted by the Egyptian Civil Aviation Authority (ECAA) in collaboration with Egyptian Airports Company (EAC) and will be held in **Luxor, Egypt** from **30 January** to **1<sup>st</sup> February 2023**.

The Seminar is mainly supported by the European Organization for the Safety of Air Navigation (Eurocontrol), and the Federal Aviation Administration (FAA). You are kindly invited to participate in this Seminar and it is highly recommended to extend this invitation the industry including but not limited to: Airports, Airlines, ANSPs and other key stakeholders interested or involved in the A-SMGCS.

In this regard and in support of the ICAO policy related to Revenue Generation Activities (RGA), this Seminar is open for sponsorship. Therefore, an exhibition concurrently with the Seminar will be available to offer an opportunity to market and showcase products and services to the public and private sector audience from the Regions, as well as of professionals and decision makers from States, International Organizations, Aviation Industries, and subject matter experts. Also, the Seminar will provide a forum to enhance the awareness and visibility of sponsors by promoting their brand's products and/or services before, during and after the event. For any questions about sponsorship opportunities, please contact: [mhamed@icao.int](mailto:mhamed@icao.int) with a copy to [MHamdi@icao.int](mailto:MHamdi@icao.int).

The main objective of the Seminar is to provide participants with a comprehensive understanding of the ICAO Framework on A-SMGCS Implementation, the benefits of the system, and its architecture and main functionalities and services including but not limited to the Surveillance Service, the Airport Safety Support Service, the Routing Service, and the Guidance Service. In addition, the seminar will offer a great opportunity to discuss the A-SMGCS as it applies to the ICAO Global Air Navigation Plan (GANP) and its Aviation System Block Upgrades (ASBUs): Surface Operations (SURF) Thread.

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An overview of the high-level Agenda to be addressed during the Seminar is at **Attachment A**. The detailed Work Programme and Bulletin including administrative arrangements for the Seminar and other useful information for participants, comprising the exact venue and recommended Hotels, will be provided to the attendees in due course.

I would appreciate if you could, as soon as possible, preferably not later than **30 December 2022**, confirm the participation of your Administration/Organization by giving the names/contact details of your delegate(s) including the participants from the industry, using the Nomination Form at **Attachment B**, to ICAO MID Office ([icaomid@icao.int](mailto:icaomid@icao.int)) with a copy to Mr. Mohamed Iheb Hamdi, the Regional Officer, Aerodromes and Ground Aids ([MHamdi@icao.int](mailto:MHamdi@icao.int)) who is responsible for the management of this event.

Accept, Sir, the assurances of my highest consideration.



Mohamed Abubaker Farea  
Regional Director  
ICAO Middle East Office

**Attachments**



ICAO

# Regional Seminar on the Advanced Surface Movement Guidance & Control System (A-SMGCS)

From 30 January to 1 February 2023

Luxor, Egypt

## AGENDA

### ICAO Framework for A-SMGCS Implementation:

- ✓ Define the A-SMGCS as it applies to the ICAO Global Air Navigation Plan (GANP) and its Aviation System Block Upgrades (ASBUs): Surface Operations (SURF) Thread
- ✓ Depth understanding of all SURF ASBU Elements as included in the GANP

### Why an A-SMGCS?

### Who is responsible for the A-SMGCS Implementation?

### A-SMGCS Architecture

### A-SMGCS main functionalities and services:

- ✓ Surveillance Service,
- ✓ Airport Safety Support Service,
- ✓ Routing Service, and
- ✓ Guidance Service.

### A-SMGCS Services' Requirements

### A-SMGCS Operational Procedures

### Case Studies

### Future developments on the use of Artificial intelligence as applied to the A-SMGCS

### (Prediction of Runway Occupancy Time "RTO" + RWY Exit)



**INTERNATIONAL CIVIL AVIATION ORGANIZATION  
MID REGIONAL OFFICE**

**Regional Seminar on Advanced Surface  
Movement Guidance & Control System (A-SMGCS)**

*(Luxor, Egypt, 30 January – 1 February 2023)*

**NOMINATION FORM**

PLEASE PRINT OR TYPE CLEARLY

Name in full: \_\_\_\_\_  
Mr. / Mrs. / Ms. (as should appear in the official listing and name tag)

Title or Official Position: \_\_\_\_\_

State/Organization: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Mobile: \_\_\_\_\_

E-mail: \_\_\_\_\_

Date: ..... Signature: .....

After completing, please send to: ICAO MID Office at the following e-mail address: ([icaomid@icao.int](mailto:icaomid@icao.int)) with a copy to [hgabriel@icao.int](mailto:hgabriel@icao.int) and [mhamdi@icao.int](mailto:mhamdi@icao.int).