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Международная
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авиации

منظمة الطيران
المدنى الدولى

国际民用
航空组织

File Ref: AN 7/27 – 18/415

20 December 2018

**Subject: Surveillance/Mode S Interrogator Code Allocation (MICA) Workshop
(Cairo, Egypt, 26 – 28 February 2019)**

Action required: Reply not later than 10 February 2019

Sir,

I would like to refer to the outcome of the Sixth Meeting of the MIDANPIRG Steering Group (MSG/6), held in Cairo from 3 to 5 December 2018, and in particular to the MSG Conclusion 6/32, which requested ICAO to organize Surveillance/MICA Workshop in 2019, with the support of EUROCONTROL.

I have the honour to inform you that the Surveillance/MICA Workshop will be held at the ICAO MID Office, Cairo, Egypt, **26-28 February 2019**. Your Administration/Organization is kindly invited to participate in this Workshop. The Provisional Agenda/Work Programme of the Workshop is at **Attachment A**.

The objective of the Workshop is to provide an overview of the Mode S principle and operation, the SSR Radio frequency, Avionic Monitoring, and the new Surveillance Standards. The MICA Operators in the MID Region will be provided with necessary information to implement MICA processes efficiently. Furthermore, the Draft MID Region Surveillance Plan will be reviewed and updated during the Workshop.

Administrative arrangements for the Workshop and other useful information for participants, including the MID Office Bulletin and the Hotel List are available on the ICAO MID Office website at: <https://www.icao.int/MID/Pages/MID-Office-Bulletin.aspx>.

For more effectiveness, I shall be grateful if you could ensure that your delegation consists of your State's MICA Focal Point(s)/Surveillance experts.

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I would appreciate if you could, as soon as possible, preferably not later than **10 February 2019**, confirm the participation of your Administration/Organization by submitting the Nomination Form at **Attachment B** to the ICAO MID Office at the following email address (icaomid@icao.int) with copy to malnadaf@icao.int.

Accept, Sir, the assurances of my highest consideration.



Mohamed Khalifa Rahma
Middle East Regional Director

Attachments

SURVEILLANCE/MICA WORKSHOP

(Cairo, Egypt, 26-28 February 2019)

Provisional Agenda/Work Programme

Day 1 – Tuesday, 26 February 2019

Opening Ceremony: Workshop Introduction

- Mode S Surveillance
 - a. Mode S Surveillance principle
 - b. Need for Interrogator Code Coordination
 - c. Operation on II and SI Code, II/SI Code Operation
 - d. Cone of Silence
- Mode S Interrogator Code Allocation (MICA)
 - a. History
 - b. MICA Process
 - c. EU Regulation IR 262/2009 laying down requirements for the coordinate allocation and use of Mode S interrogator code for the single European sky
 - d. IC conflict
 - e. MICA website presentation

Day 2 – Wednesday, 27 February 2019

- Surveillance Avionics Monitoring
- 1030/1090MHz RF Monitoring
 - a. Different transmissions on 1030/1090MHz
 - b. Examples in European region
- 1030/1090MHz RF Simulations
 - a. Simulation of future 1030/1090MHz RF usage
 - b. Impact of sUAS ADS-B on 1090MHz RF environment
 - c. Impact of ADS-B rate on 1090MHz RF environment

Day 3 – Thursday, 28 February 2019

- The New Surveillance Standards
- Review and improvement of the MID Region Surveillance Plan

Closing Ceremony

SURVEILLANCE/MICA WORKSHOP

(Cairo, Egypt, 26 – 28 February 2019)

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: _____

Mailing Address: _____

Telephone Number: _____

Mobile Number: _____

E-mail: _____

Hotel _____

Date: Signature:

After completing, please send to ICAO MID Office at the following e-mail address: (icaomid@icao.int)
with copy to (malnadaf@icao.int)

Note 1: Participants are expected to make their own hotel/visa arrangements

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