ICAO EMERGING SURVEILLANCE TECHNOLOGIES SYMPOSIUM

5 — 7 SEPTEMBER 2022 IN TUNIS, TUNISIA

Programme

DAY 1, 5 September 2022

08:00 – 09:00 Registration

09:00 – 10:30

Session 1: Opening & Introduction

Khaled Nsiri, IFATSEA Africa Regional Director and President of TUNISIAN CNS Association ATENA
Youssef Ben Romdhane, On behalf of Tunisian Minister, Chief of Staff of the Tunisian Ministry of Transport
Hedi Charfedi, TUNISIAN DGCA
Montassar Ben Hamida, TUNISIAN ANSP(OACA) CEO
Habib Sassi, Central Director of Equipment and CNS
Mohammed Smaoui, ICAO MID Deputy Director
Theodore Kiritsis, IFATSEA President

10:30—11:00 Coffee Break

11:00— 12:30

Session 2: Global and Regional Perspective on Surveillance Services

This session will address ICAO provisions on Surveillance and GANP. The Surveillance plans and strategies for the Middle East and European Regions will be presented. The session will discuss also the human pillar from a global perspective.

Speakers:
Mie Utsunomiya, CNS Technical Officer, ICAO HQ
Bryan Jolly, EASA
Abbas Niknejad, ANS Regional Officer, ICAO EUR/NAT
Muna Alnadaf, CNS Regional Officer, ICAO MID
Theodore Kiritsi, president of IFATSEA

Moderator:
Jehad Faqir, IATA MENA

12:30—01:00 Break

01:00— 02:30

Session 3: Emerging Surveillance Technologies: Needs, Application and Data provided
This Panel will discuss the different Surveillance Technologies applications, data provided and the operational needs.

Speakers:
Zaki Al-Amri, Saudi Arabia
Fatih AKSOY, DHMI, Turkey
Frank Kofi Apeagyei, Executive Secretary, IFATSEA

Moderator:
Abbas Niknejad, ANS Regional Officer, ICAO EUR/NAT

DAY 2, 6 September 2022

Session 4: Emerging Surveillance Technologies: Needs, Application and Data provided

This Panel will discuss the Airspace Users' requirements for Surveillance and provide comparison between different technologies in terms of performance characteristics, data provided, cost, ...etc

09:00 – 10:30

Speakers:
Jehad Faqir, IATA
Massimiliano FERLA , Thales

Moderator:
Jean-Baptiste Berthie , Airbus

10:30— 11:00   **Coffee Break**

Session 5: Surveillance Technologies Planning & Implementation

This panel will discuss the concepts of performance based Surveillance coupled with a concept of Surveillance service which involve infrastructure rationalization. The panel will provide audience with concept of planning for more efficient Surveillance infrastructure. Also, the Radar flight inspection and performance monitoring as well as assessment of ADS-B and MLAT will be addressed.

11:00—12:30

Speakers:
Mie Utsunomiya, CNS Technical Officer, ICAO HQ
Massimiliano FERLA, Thales
Steve Bellingham , NAV Canada

Moderator:
Muna Alnadaf, CNS Regional Officer, ICAO MID

12:30— 12:40   **Break**

Session 6: Surveillance Technologies Planning & Implementation

This panel will discuss regulator's perspective on Surveillance deployment and ATM/ATS perspective

12:40—02:00

Speakers:
Bryan Jolly, EASA
Jean-Baptiste Berthie , Airbus
Mohamed Aldossari, UAE
Ahmed Alshehi, UAE

Moderator:
Mohamed Smaoui, Deputy Regional Director, ICAO MID

DAY 3, 7 September 2022

09:00—10:30	### Session 7: Spectrum Considerations related to Surveillance Technologies *This panel will discuss the Radio frequency congestion and monitoring and the possible impact of ADS-B equipped UASs on Surveillance.* **Speakers:** **Mie Utsunomiya,** CNS Technical Officer, ICAO HQ **Massimiliano FERLA,** Thales **Abbas Niknejad,** ANS Regional Officer, ICAO EUR/NAT **Moderator:** **Bruno Collard,** Chief Surveillance, France
10:30— 11:00	**Coffee Break**
11:00—12:10	### Session 8: Cooperation for Surveillance Data Sharing *This panel will present radar data sharing policy and implications and will discuss the benefits and challenges associated with Radar data sharing such as ATM cyber Security and possible technical solutions* **Bruno COLLARD ,** France **Ibrahim Faraj,** Jordan **Massimiliano FERLA,** Thales **Moderator:** **Muna Alnadaf,** CNS Regional Officer, ICAO MID
12:10– 12:20	**Break**
————— **Presentation will be Available online**	### Session 9: Future Surveillance Capabilities *This session will address future Surveillance capabilities such as ACAX X, ADS-B In,..etc, and provide update on ICAO Surveillance Panel activities.* **Mie Utsunomiya,** CNS Technical Officer, ICAO HQ **Moderator:** **Abbas Niknejad,** ANS Regional Officer, ICAO EUR/NAT
12:20— 01:50	### Session 10: Remote ATC Tower *This panel will present States experience on Remote ATC Tower deployment and dicuss the Surveillance requirements as well as the regulator's perspective.* **Fatih AKSOY,** DHMI, Turkey **Beldi Abderraouf,** TUNIS ACC/AIM System manager **Mohamed Alnuaimi,** Qatar **Atif Alharthy,** Saudi Arabia **Mr. Bryan Jolly,** EASA **Moderator:** **Muna Alnadaf,** CNS Regional Officer, ICAO MID
01:50—02:00	### Session 11: Wrap-up and Closing Summary of the Discussion, ICAO Closing Remarks, ICAO, Tunis CAA, IFATSEA