

Supporting
European
Aviation



L-band Digital Aeronautical Communications System

Presenting LDACS

A webinar series on a new aviation
communication system



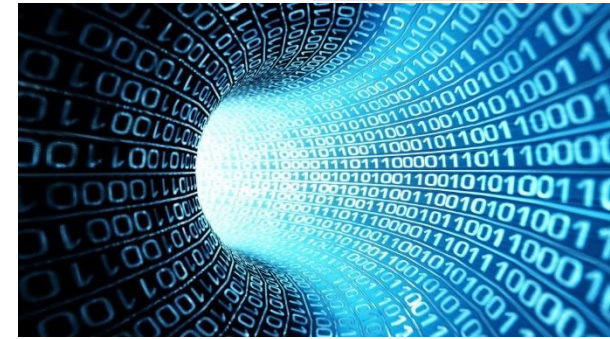
A general introduction to LDACS

23 April 2021, 15.00-16.30



Introduction

- **DIGITALISATION:**
 - Air Traffic Control is requiring more A/G mobile secured digital communication
 - Support Machine (air) to Machine (ground) communication -> Automation
- Need was Identified by **ICAO** 10 years ago (Air Navigation Conference)
 - Action Plans
- Mobile technologies have evolved
 - Developed in EUROPE by SESAR (SESAR JU) in conjunction with ICAO
- Time for implementation decision is coming.
- In EUROPE:
 - **Network Directors of Technology (**NDTECH**) and **Joint CNS Stakeholder Platform (**JCSP**)****
 - **Task:** Develop a business case for new A/G technology implementation (several options)
 - LDACS is a one of the options.
- **What is LDACS?**

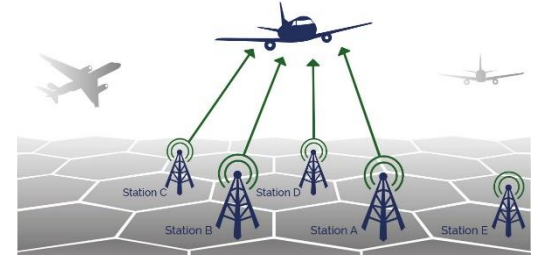


SJU and EUROCONTROL: LDACS awareness campaign



- **Objective: increase the awareness of the LDACS technology**

- It does not mean that LDACS is selected for implementation: one of the options.



- **Series of 4 WEBINARS:**

- Together with panels of experts from ICAO, IATA, FAA, industry, ANSPs, Airspace Users, Communication Service Providers etc..

1. A general introduction to LDACS including the R&D (Today).

2. Technical details and capabilities of LDACS for Communications and integrated CNS (May 2021).

3. Deployment options and transition scenarios (June 2021)

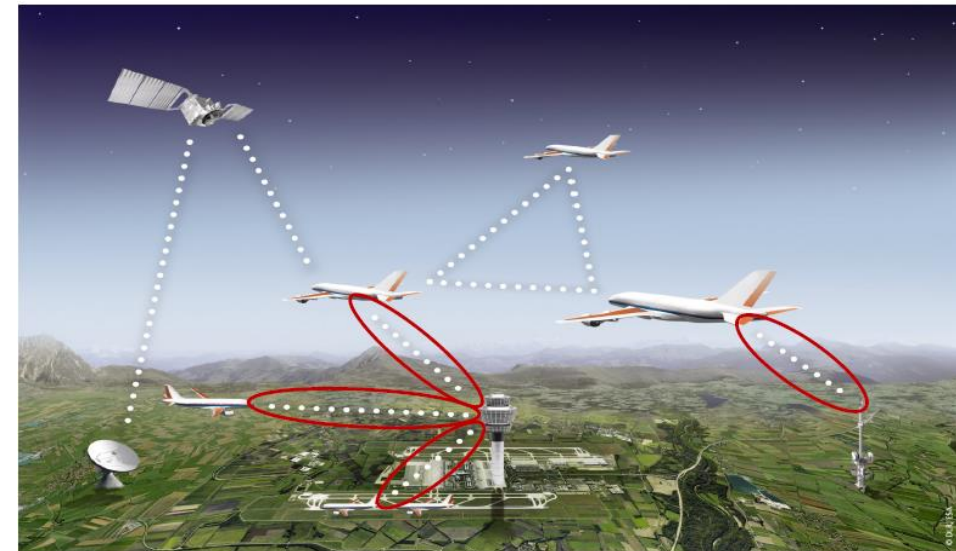
4. Economic and Business considerations for all stakeholders (September 2021)

General introduction to LDACS including the R&D



- Panel Members:
 - ICAO: Vaughn Maiolla
 - IATA: Noppadol Pringvanich
 - FAA: Brent Philips
 - SJU: Ruben Flohr

- Moderators: (EUROCONTROL)
 - Jacky Pouzet
 - Philippe Sacre



Agenda for this first session

- **Presentations:**

- **ICAO: The motivation for LDACS** by Vaughn Maiolla
- **IATA: Key considerations for Future AOC/ATC Communications** by Noppadol Pringvanich
- **SJU: The SESAR R&D perspective** by Ruben Flohr.
- **FAA: The FAA/NextGen perspective**, Brent Phillips.
- **ICAO: LDACS Standardisation** by Vaughn Maiolla

- **Q&A sessions**

- Please use the question tab for your questions.
- Use the chat for all questions

