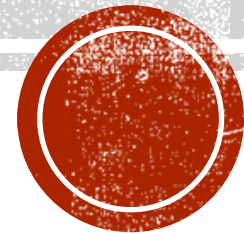


# EU DRONES LAW: U- SPACE AND DATA PROTECTION

International Maritime and Transport Law Course 2021

IUC, Dubrovnik 2021

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# BASIC LEGISLATION

- [EU Regulations 2019/947 and 2019/945](#)
- Risk-based approach
- Weight and the specifications of the civil drone and the operation it is intended to conduct
- Three categories of civil drone operations: the 'open', the 'specific' and the 'certified' category



# WHAT IS U-SPACE

## Sustainable and Smart Mobility Strategy

3 implementing regulations,  
Package: roles and responsibilities of the organisations involved in the definition of U-space, the provision of U-space services, and the minimum necessary services required for manned and unmanned aircraft to operate within the U-space



# COMMISSION IMPLEMENTING REGULATION (EU) 2021/664 ON A REGULATORY FRAMEWORK FOR THE U-SPACE

- U-space is a geographical airspace zone relevant for the drones' operation under the U-space services' umbrella
- U-space service is a set of digital services and automation services related to the U-space airspace management; de minimis set of U-space services:
  1. network identification services (remote identification – UAS operator registration number, UAV unique serial number, UAV geographical position, route course, UAV pilot's geographical position (or take-off point), message-generation time, UAS emergency status),
  2. geo-awareness service,
  3. UAS flight authorisation service,
  4. traffic information service



# COMMISSION IMPLEMENTING REGULATION (EU) 2021/664 ON A REGULATORY FRAMEWORK FOR THE U-SPACE

- Note: risk assessment service may insist on additional U-space services, pending circumstances surrounding particular operations
- Three key operational players: UAS operators, U-space service providers, common information services' providers
- Common information service aids U-space service provider by disseminating relevant airspace data (i.e., horizontal and vertical airspace limits, special requirements, information on all relevant airspace zones).
- U-space is further defined by each Member State pending individual risk assessments, through the following set of criteria: UAS capabilities, performance requirements, U-space services' performance requirements, applicable operational conditions, airspace constraints



# PACKAGE DELIVERY

- **ED Decision 2020/022/R**, *Regular update of the Acceptable Means of Compliance and Guidance Material to Regulation (EU) 2019/947*
  - Update the Acceptable Means of Compliance (AMC) and Guidance Material (GM) to Commission Implementing Regulation (EU) 2019/947 (the 'UAS Regulation') and to the Annex (Part-UAS) thereto, as published with Decision 2019/021/R
- Pending each individual flight
- Mandatory operational authorisation (or certificate) and relevant requirements' compliance as per Implementing Regulation (EU) 2019/947 – Competent Authority – i.e., national civil aviation agency
- UAS flight authorisation to U-space service provider
- U-service provider reports to the competent authority





# DRONE RULES.EU PRO

- Code of Conduct, GDPR compliance, EU COSME Programme
- Personal data manipulation
- Controller and Processor responsibilities, including drone operator
- Legal processing of data
- Privacy by default and design
- Fair, transparent and proportional data collection
- Privacy Notice
- Access, information, security, sharing
  
- New proposals on e-Privacy and AI regulation...

