



EASA

European Aviation Safety Agency

EASA ATM/ANS regulatory update

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Your safety is our mission.

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TE.GEN.00409-001



New EASA Basic Regulation

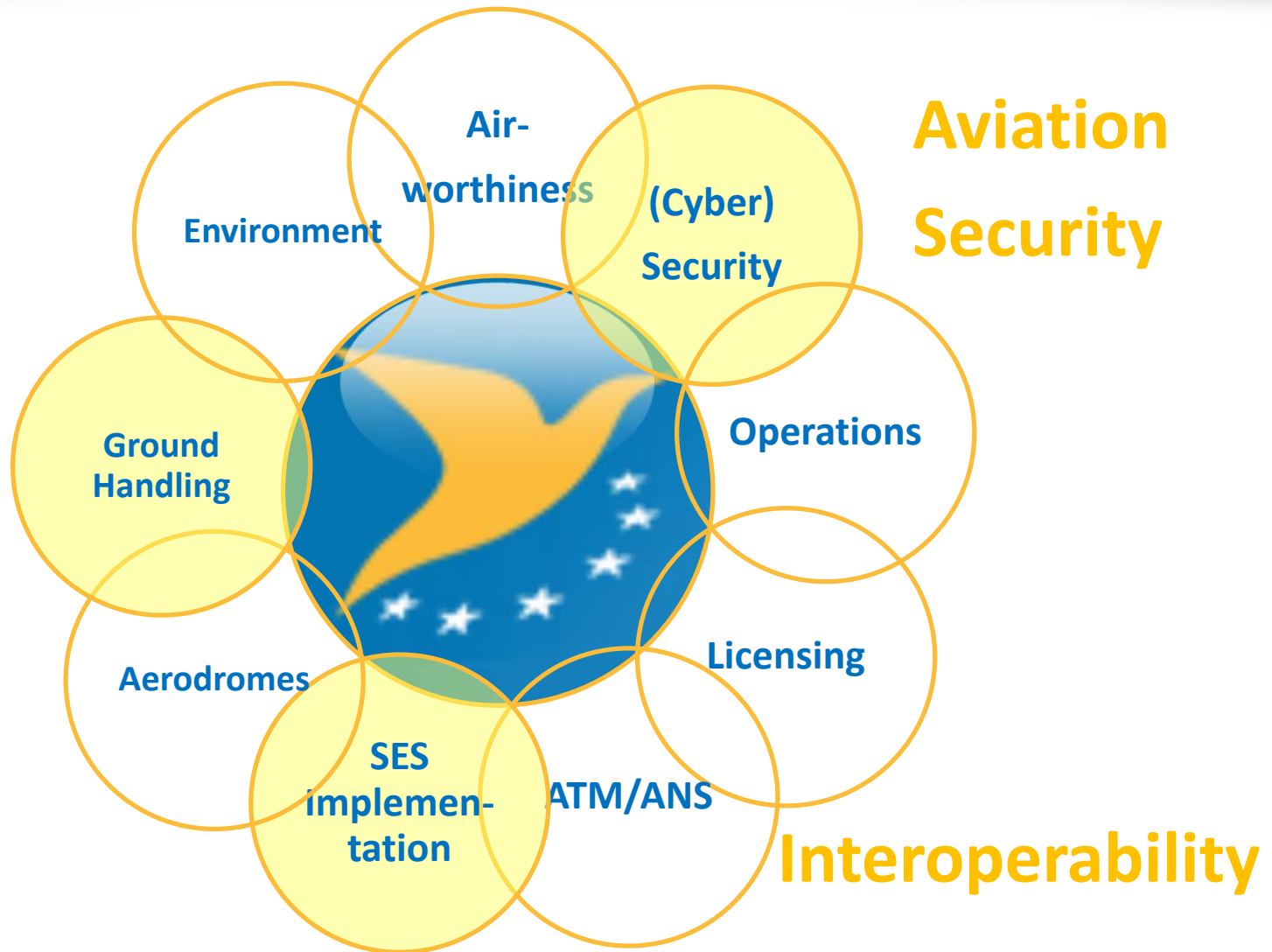
- **New Regulation 2018/1139** published on 22 August 2018
- More detailed regulatory framework for civil aviation safety in the EU
- Establishes EASA, its roles and responsibilities, governance mechanisms
- **Applicable as of 11.09.2018**
- **Repeals Regulation 216/2008**
- See the EASA public website at:
<https://www.easa.europa.eu/document-library/regulations/regulation-eu-20181139>



**Aviation
Safety**

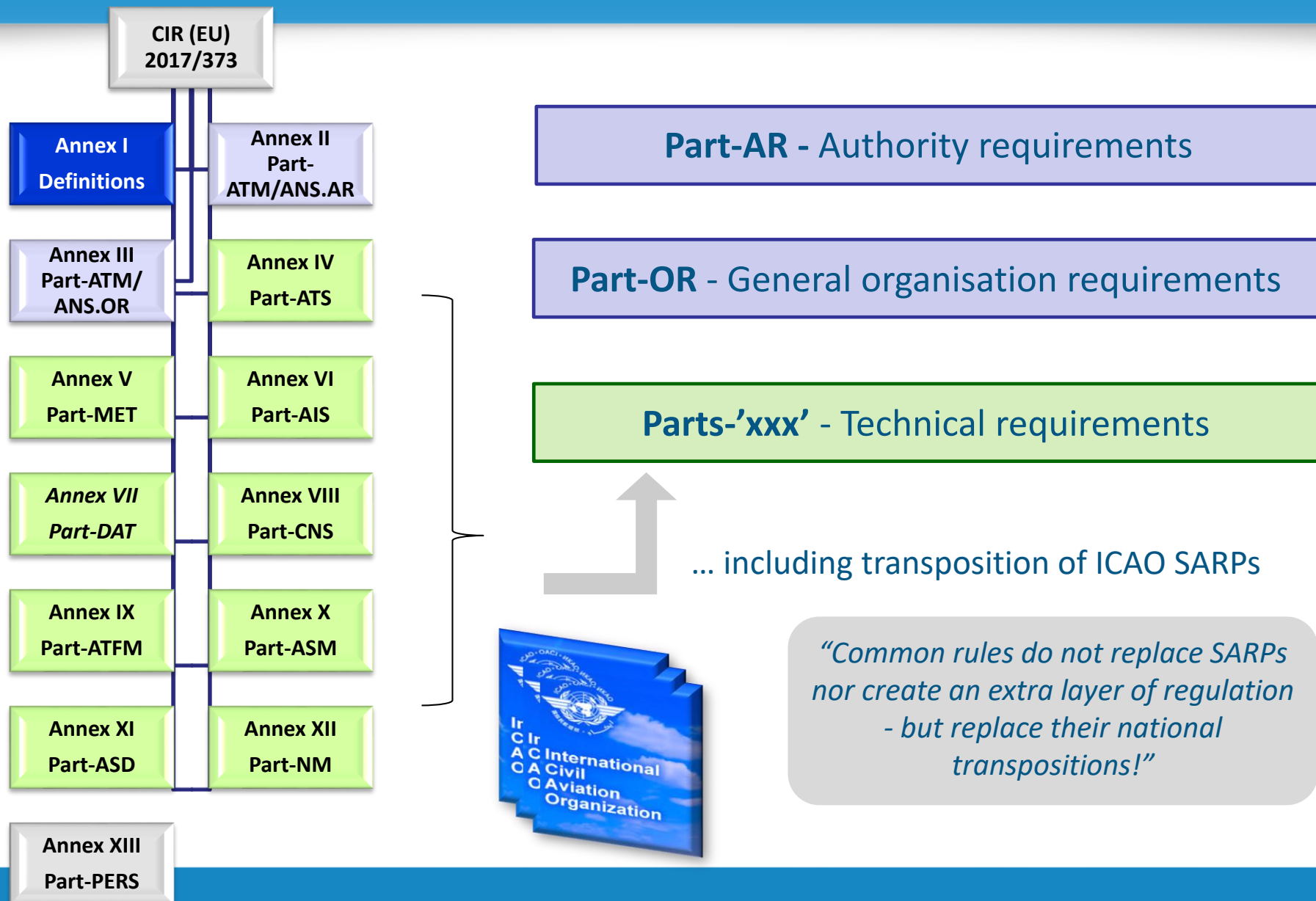
**Aviation
Security**

Drones





CIR (EU) 2017/373 → main 'regulatory areas'





Rule

**ED Decision
2017/001/R**

CIR (EU) 2017/3

ED Dec. Annex XIV = AMC & GM to the
(Cover) Regulation

ED Dec. Annex I
= GM to Part - DEF

**Annex I
Definitions**

**Annex II
Part-ATM/ANS**

ED Dec. Annex II = AMC & GM to Part -
ATM/ANS.AR

ED Dec. Annex III = AMC &
GM to Part - ATM/ANS.OR

**Annex III
Part-ATM/
ANS.OR**

**Annex IV
Part-ATS**

ED Dec. Annex V = AMC &
GM to Part - MET

**Annex V
Part-MET**

**Annex VI
Part-AIS**

ED Dec. Annex VII = AMC &
GM to Part - DAT

**Annex VII
Part-DAT**

**Annex VIII
Part-CNS**

**Annex IX
Part-ATFM**

**Annex X
Part-ASM**

**Annex XI
Part-ASD**

**Annex XII
Part-NM**

ED Dec. Annex XIII = AMC &
GM to Part - PERS

**Annex XIII
Part-PERS**



ATM/ANS Regulation – ‘Easy access to rules’

- EASA Technical publication ‘Easy Access Rules for ATM/ANS (Regulation 2017/373)’
- IRs, AMC and GM in a ‘handbook format’
- Accessible on the EASA public website at:
<https://www.easa.europa.eu/document-library/general-publications/easy-access-rules-air-traffic-managementair-navigation>
- It will be maintained i.a.w. the introduction of new measures



EASA Opinion 02/2018

- Proposed amendments to Reg. 2017/373 and its AMC/GM:
 - **Annex V 'Part-MET'**, mainly to align the existing rules with Amendment 77-A to ICAO Annex 3
 - **Annex VI 'Part-AIS' (RMT.0477)**, introducing a clear and common regulatory framework for entities involved in managing aeronautical data and information, by:
 - Transposing ICAO Annex 15 (latest version) and the new PANS-AIM;
 - Transferring data quality requirements into this framework and repealing Regulation 73/2010 ('the ADQ Regulation')
 - **Annex XI 'Part-ASD' (RMT.0445)**, introducing a certification scheme for flight procedure designers as well as a common framework of technical requirements for the design of airspace structures
- Amendments to Reg. 139/2014 (ADR) to align with Part-AIS and linking with Part-ASD
- **Opinion published on 08.03.2018 – Currently in Comitology**



RMT.0464 'ATS' – ToR Objectives

- To introduce a complete set of measures implementing the ERs in the EASA BR Annex Vb 2.(c) concerning the provision of ATS
- To establish common EU ATS requirements by transposing the relevant ICAO provisions, thus contributing to their harmonised implementation, as a basis for EU aviation law
- To harmonise ATS provisions based on mandatory (IRs) and flexible (AMC and/or GM) requirements
- To establish proportionate and cost-efficient rules.
- **Outcome will amend Reg. 2017/373 and the related EASA ED Decision 2017/001/R**



RMT.0464 'ATS' – ToR Tasks

- Analysis and, where appropriate, transposition of provisions in ICAO Annex 10 Volume II, Annex 11, PANS-ATM, Doc 7030 EUR
- Analysis of differences filed by EU MS to Annex 11 and identification of commonalities to be introduced in the EU law
- Identification of gaps and, where necessary, development of new provisions complementing those transposed from ICAO
- Establishing correlation between originating ICAO provisions and the proposed EU provisions
- Ensuring consistency with EU legislation (e.g. SERA, SES)

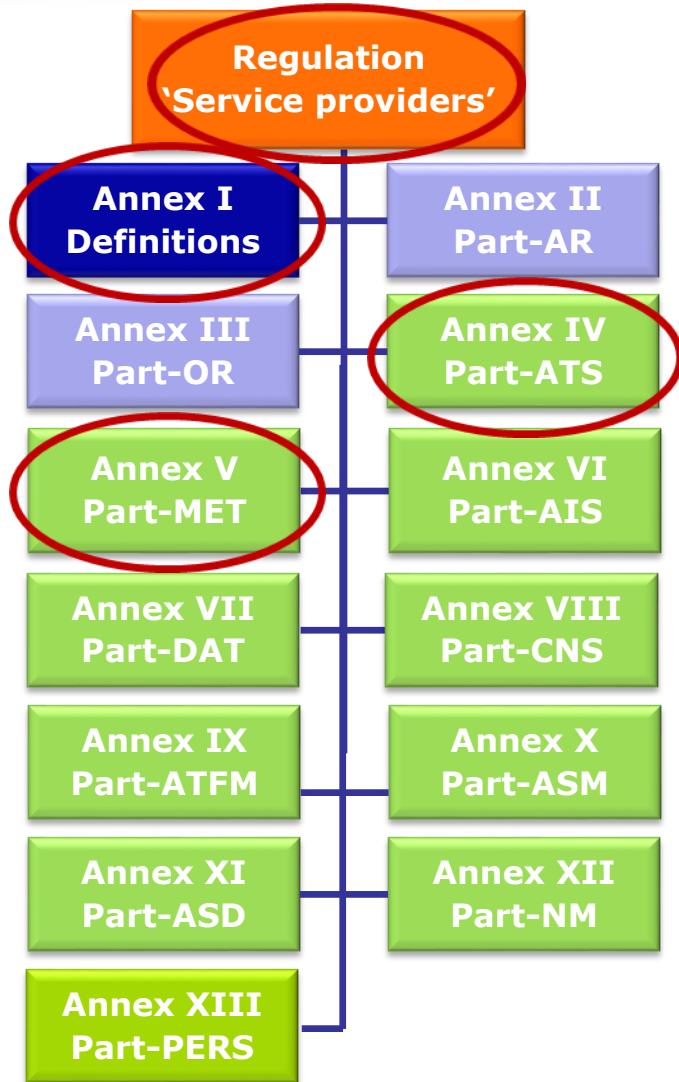


Deliverables & Deadlines

- RMT.0464 activities initiated in **Q3 2014**
- **NPA 2016-09 public consultation 14.09.16 - 28.02.2017**
- **Followed by focused consultation (Thematic, ad-hoc meetings)**
- **EASA Opinion 03/2018: Published on 22nd May 2018**
- **Commission IR: expected in 2019 – Comitology on-going, MSs' comments awaited by 05.09.18**
- **EASA ED Decision: 2019 (following publication of the IR)**
- **Proposed applicability date is 27.01.2022, FIS requirements flexibility provided 25.01.2025 – (to be further discussed during Comitology)**



ATM/ANS CRs – Regulation 2017/373



Proposed Amendments:

MSs' ATS-related requirements

ATS-related definitions

Organisation requirements - ATS providers:

- Annex IV Subpart A

Technical requirements - ATS providers:

- Annex IV Subpart B
- Reference to ICAO ANNEX 10 Volume II, Annex 11 and SERA removed

Minor amendments to MET.OR

Amendments to SERA Regulation proposed for consistency with ATS requirements



Subpart A – ATS.OR

Section 1 - General

Section 2 – Safety of services

Section 3 – HF requirements

Section 4 – Communication reqs.

Section 5 - Information reqs.

Subpart B – ATS.TR

Section 1 – General

Section 2 – ATC service

Section 3 - FIS

Section 4 – Alerting service



Existing requirements with Reg. 2017/373

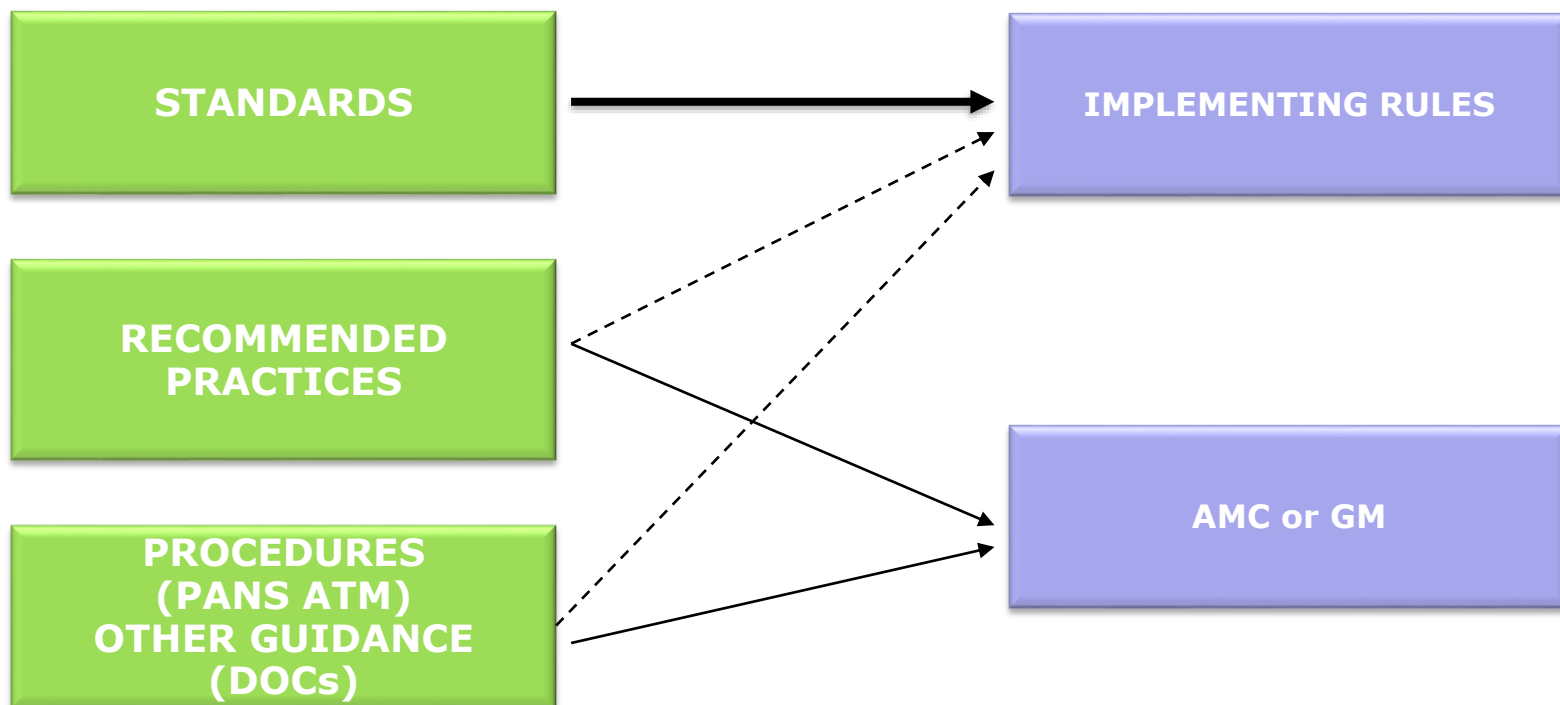


New requirements proposed with Opinion 03/2018



Transposition – HOW?

- Detailed analysis of relevant ICAO documentation
- Selection of measures to be transposed on a case-by-case basis
- Proposed transposition as IR, AMC, GM not in contradiction the with the regulatory force of the original ICAO provisions





Cross-referencing ICAO transposition

Annex 11 Checklist sample

SARP identifier	Annex 11 Amendment 49	Differences between SARPs and proposed transposition	Proposed transposition into EU ATS Requirements
	Air Traffic Services		
	Standard, <i>Recommended Practice</i> , Notes, <i>transposed in SERA</i>		
2.1.4	Where air traffic services are established, information shall be published as necessary to permit the utilization of such services.		The transposition as ATS IR ATS.OR.125(a), is proposed as follows: The air traffic services providers shall provide to the relevant AIS providers information to be published as necessary to permit the utilisation of such air traffic services.

Opinion ‘for info only’ file sample

ATS.TR.200 Application

ATC service shall be provided:

- (a) to all IFR flights in airspace Classes A, B, C, D and E;
- (b) to all VFR flights in airspace Classes B, C and D;
- (c) to all special VFR flights;
- (d) to all aerodrome traffic at controlled aerodromes.

(Annex 11 — Section 3.1) (transposed as SERA.8001)

ICAO Originating provision(s)





ICAO provisions transposed

➤ Reference ICAO documents:

- Annex 10 Volume II
- Annex 11 (extensively)
- PANS-ATM Amendment 7 (extensively)
- Doc 7030 EUR
- EANPG approved documents
- Circular 211/AN-128, draft ICAO AFIS Manual



FIS requirements

- Technical requirements primarily based on ICAO provisions
 - Annex 11, Chapter 4
 - PANS-ATM, Chapter 9
- Organisation requirements for ATS providers include ALSO FIS/AFIS providers. Clarification provided where necessary
- Duly consideration and 'synergy' with on-going ICAO AFIS Manual activities
- AFIS requirements
 - AFIS fully within the ATS scope
 - Proportionate, unambiguous and explicit requirements
 - Aligned to ICAO FIS principles (including the draft ICAO AFIS Manual)



Future regulatory developments

➤ AFIS Phraseology

- To be developed after successful completion of comitology for PART-ATS
- Based on ICAO AFIS Manual, aligned with SERA principles
- Will be included in SERA framework

➤ FISO/AFISO qualification and training requirements

- Regulation 2017/373, ATM/ANS.OR.B.005 'A **service provider shall implement and maintain a management system** that includes.....**personnel of the service provider are trained and competent to perform their duties in a safe, efficient, continuous and sustainable manner.** In this context, the service provider **shall establish policies for the recruitments and training of its personnel;**'
- Explicit FIS/AFIS requirements proposed with PART-ATS support the definition of appropriate qualification schemes and elements of training courses
- Numerous requests by various sources and stakeholders for common EU FISO/AFISO qualification (licensing?) and training requirements
- Stakeholders to formally propose to and discuss with EASA Advisory Bodies
- If/when accepted, to be prioritised.....



RMT.0624 - Remote tower operations

- **NPA 2017-21** – Proposed new ED Decision on remote ATS provision
- **Repealing ED Decision 2015/014/R**, providing enhanced guidance for Competent Authorities, ANSPs, Aerodrome Operators on technological, operational, and procedural aspects
- **Amending ED Decision 2015/015/R** with additional specific AMC/GM on ATCO qualification and training
- NPA public consultation from 20.12.2017 to 03.04.2018
- 832 comments received from 46 sources
- Comments review in progress – Thematic and ad-hoc meetings being held
- Publication of the **ED Decision** expected for **Q4 2018**



RMT.0668 – Maintenance of ATCO rules

- ToRs published - Regulatory activities initiated to identify and propose necessary amendments to Reg. 2015/340 and related ED Decisions
- Scrutiny of issues recorded via EASA Standardisation activities, implementation feedback, queries in on-going
- Identified regulatory actions will be consulted with the EASA Advisory Bodies to determine the appropriate initiatives
- Stakeholders' involvement sought primarily via EASA Advisory Bodies
- Ad-hoc cooperation with EUROCONTROL on the update of ATCO initial training provisions



RMT.0476 Maintenance of SERA

- Regulatory activities initiated to align with recent amendments to originating ICAO provisions
- Consultation of a draft Opinion/Decision with EASA Advisory bodies held in December '17
- Proposed amendments concern:
 - Content of and deviation from flight plan
 - ATC clearances (Operation, True Mach number)
 - Alerting service
 - A/C identification setting
 - Radio communication failure (**further consideration**)
 - SID/STAR Phraseology (**further consideration**)
- **Regulatory proposal being finalised, for publication in 2019**



EASA

European Aviation Safety Agency

Thank you very much for your attention!

Questions?

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