



EASA
European Aviation Safety Agency

Evolution of Regulation (EU) 2017/373

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Your safety is our mission.

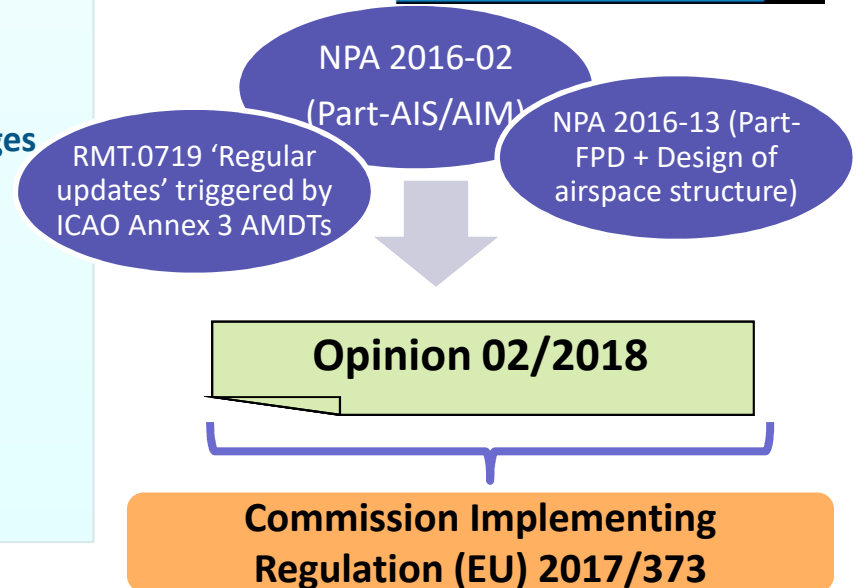
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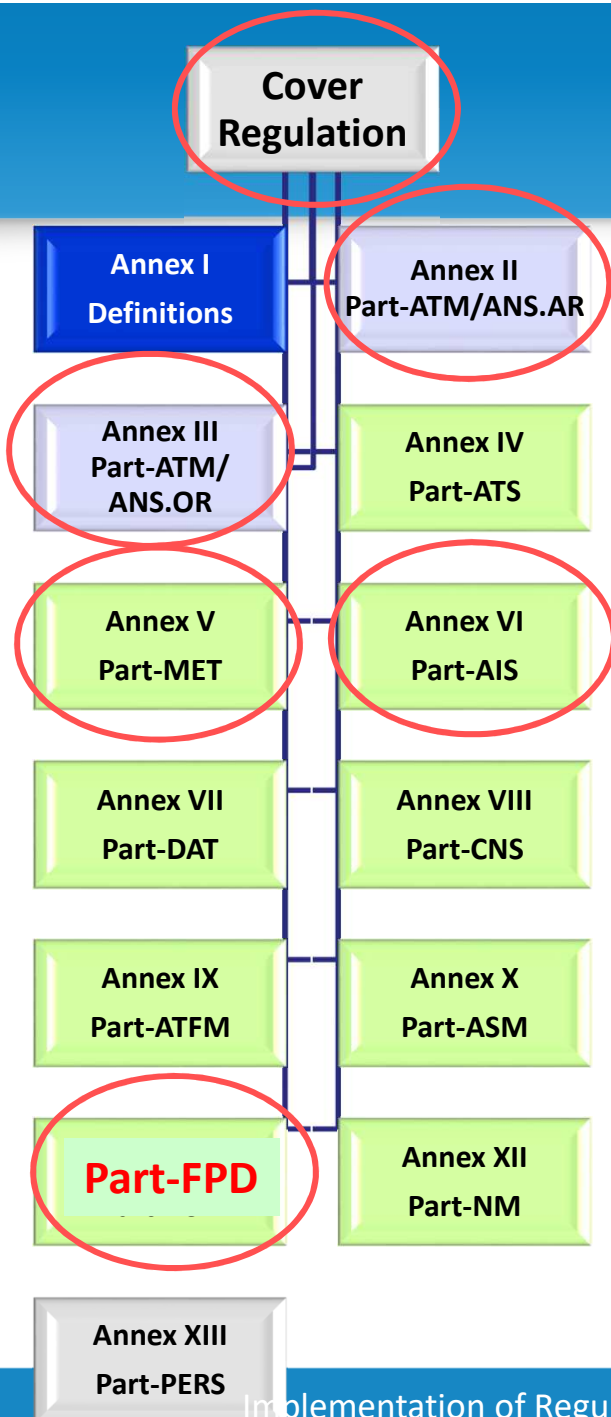




RMT.0719 'Regular updates of ATM/ANS rules (IR/AMC/GM)'

- ❑ Easy Access to Rules (issued in Nov'2017):
<https://www.easa.europa.eu/document-library/general-publications/easy-access-rules-air-traffic-managementair-navigation>
- ❑ RMT.0719 Regular updates of ATM/ANS rules
- ❑ Opinion 02/2018 issued 8.03.2018:
 - ❑ Part-MET;
 - ❑ triggered by the latest ICAO Amendment 77-A.
 - ❑ some necessary corrections and consistency changes
 - ❑ Part-AIS/AIM
 - ❑ Part-FPD & airspace structure design (ASD)
- ❑ Forthcoming amendment to ED Decision on Software Assurance Level (SWAL) based on NPA 2017-10





- **Part-AR:** Authority requirements
- **Part-OR:** Organisation requirements

Specific services requirements

- **Part-ATS:** Air Traffic Services
- **Part-MET:** Meteorological services
- **Part-AIS:** Aeronautical Information Services
- **Part-DAT:** Data providers
- **Part-CNS:** Communication, Navigation, Surveillance
- **Part-ATFM:** Air Traffic Flow Management
- **Part-ASM:** Airspace Management
- **Part-ASD:** Airspace Design
- **Part-NM:** Network Manager

- **Part-PERS:** Personnel requirements



In Appendix 1, on EASA Form 157, ...

Services/Functions	Type of Service/Function	Scope of Service/Function	Limitations (°)
Aeronautical Information Services (AIS)	Aeronautical information products (including distribution services)	Aeronautical information publication (AIP)	
		Aeronautical information circular (AIC)	
		NOTAM	
		AIP data set	
		Obstacle data sets	
		Aerodrome mapping data sets	
		Instrument flight procedure data sets	
	Preflight information services	n/a	
Conditions (**)			

Services/Functions	Type of Service/Function	Scope of Service/Function	Limitations (°)
Flight procedure design (FPD)	Design and documentation of flight procedures (****)*	n/a	
		Validation of flight procedures	
		Ground validation	
Conditions (**)		Flight validation	



- Part-ATM/ANS.OR amended by AIS-AIM rulemaking task:
 - **Need to ensure data quality through the entire data chain**
 - *At origination, processing and transmission level up to the AISP*
 - *Mirroring the requirements for AISP*
 - **Transposition of the ICAO common reference system**
 - *ICAO transverse provision (Annexes 4, 11, 14 and 15)*
 - *Aeronautical data based on common coordinate references*



Completing the transposition of the last amendment (77-A) to ICAO Annex 3 into Part-MET:

- *Additional flight levels as provided by the world area forecast centres*
- *Replacement of 'aeronautical fixed service satellite distribution systems' with 'aeronautical fixed service Internet-based services'*
- *Updating of 'template' for the provision of SIGMET, AIRMET and special-air report (uplink)*
- *Modifications and editorials for consistency and readability*



➤ Part-AIS is divided into 2 categories:

➤ **Data provision requirements**

- *on aeronautical information products and services*
- *based on latest proposed amendment to ICAO Annex 15 and new PANS-AIM.*

➤ **Data quality requirements**

- *to ensure that the required data quality level meet the intended use*
- *based on Regulation (EU) No 73/2010 (ADQ) → therefore, ADQ IR proposed to be repealed*



➤ Objective of the proposed rules

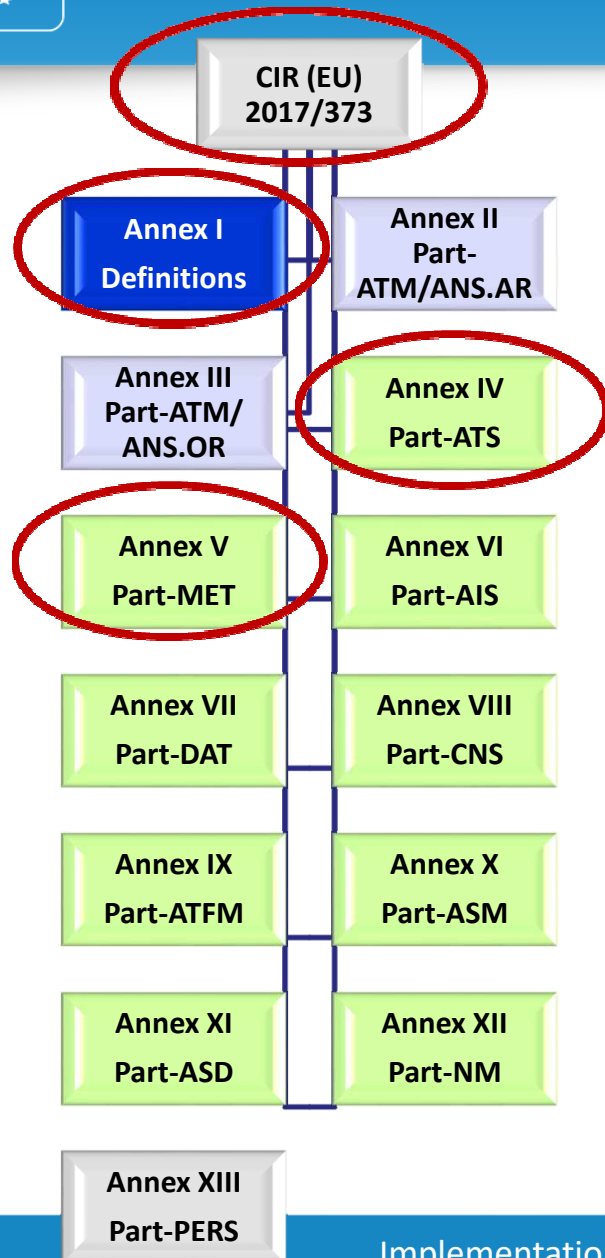
- *to harmonise the technical requirements for flight provider design (FPD) and airspace structure design (ASD) ➔ Design criteria laid down in Appendix 1 to Part-FPD*
- *to ensure that FPD and ASD are appropriately surveyed, designed, and validated before they can be deployed and used by aircraft*

➤ Amendment to Reg. (EU) 2017/373

- *Article 3 (= ASD); and*
- *Annex XI (= Part-FPD) ➔ introduction of certification scheme for FPD providers*



Opinion 03/2018 | ATM/ANS CRs



Proposed Amendments in Opinion 03/2018:

New MSs' ATS-related requirements

New 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.



Existing requirements with Reg. 2017/373



New requirements proposed with the Opinion No 03/2018

Subpart B – ATS.TR

Section 1 – General

Section 2 – ATC service

Section 3 - FIS

Section 4 – Alerting service

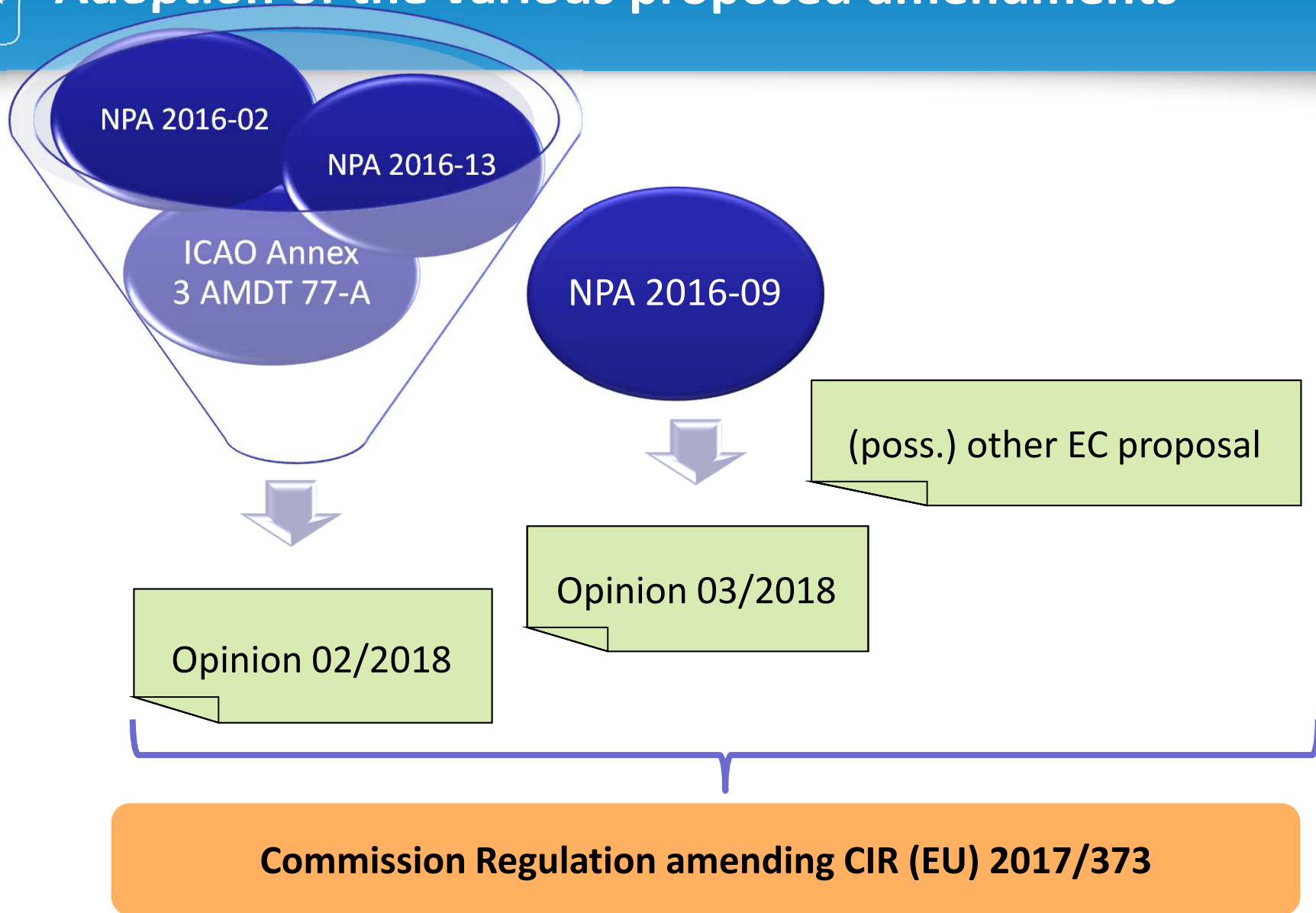


Focus on AFIS

- ❑ ICAO: AFIS not established as a 'standalone' service - Provisions for FIS apply, not specific to the aerodrome environment
- ❑ AFIS certification required within EU legislation (Reg. 1035/2011 and Reg. 2017/373)
- ❑ Feedback from ad-hoc EASA survey: diverse implementation across EU States, often based on national regulation
- ❑ Feedback from EASA standardisation inspections: problems with certification/designation of AFIS providers
- ❑ Lack of ICAO SARPs on AFIS = **a gap to be filled within EU rules**
- ❑ Regulatory proposals mainly for Organisation Requirements
- ❑ Explicit requirements on fundamental aspects of AFIS provision
- ❑ Recognition (in GM) of the non-ATS aeronautical stations (UNICOM) facilitating aviation operations



Adoption of the various proposed amendments





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