



European Aviation Safety Agency

Workshop Biscarrosse 14 May 2010



Certification / Licencing / Operation **Seaplanes and Amphibian Aeroplanes**

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.....the typical seaplane ?





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AGENDA

- **Structure of Rules**
- **Certification - Seaplanes**
- **New Part FCL – Seaplanes**
- **New OPS – current status**





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AGENDA

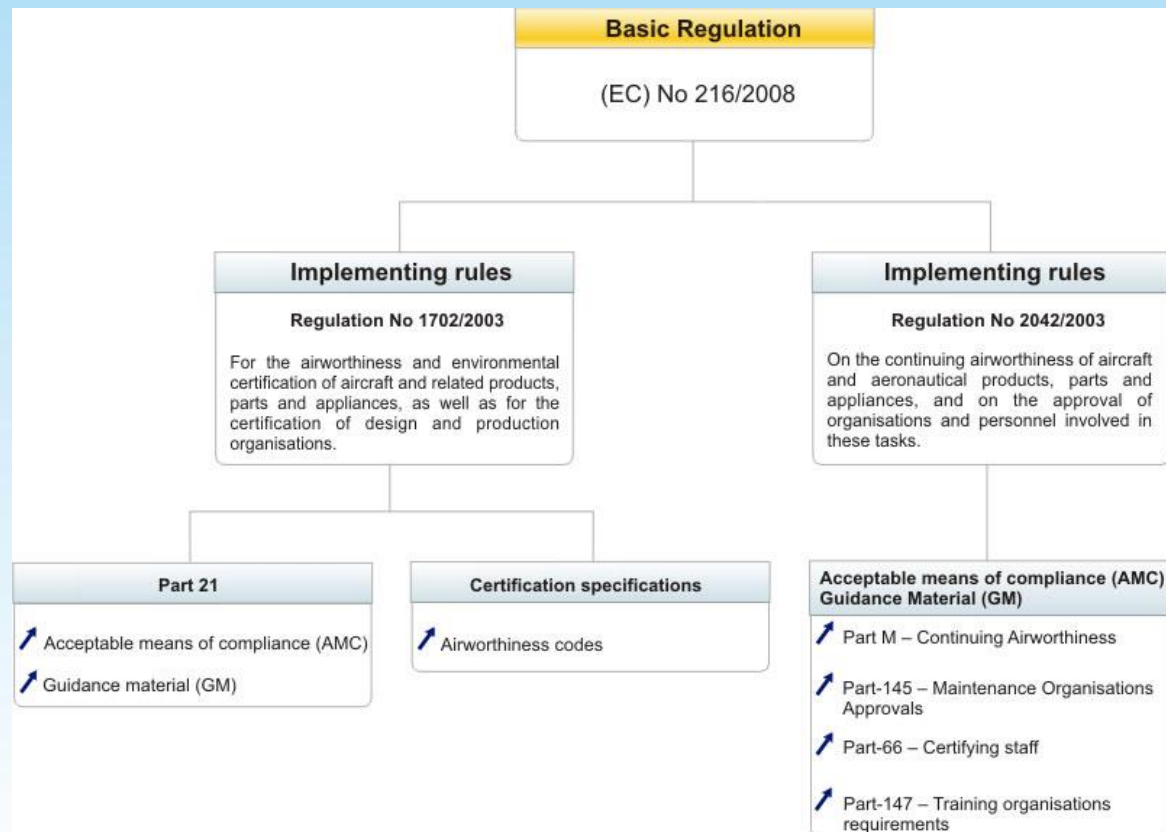
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Structure of Rules

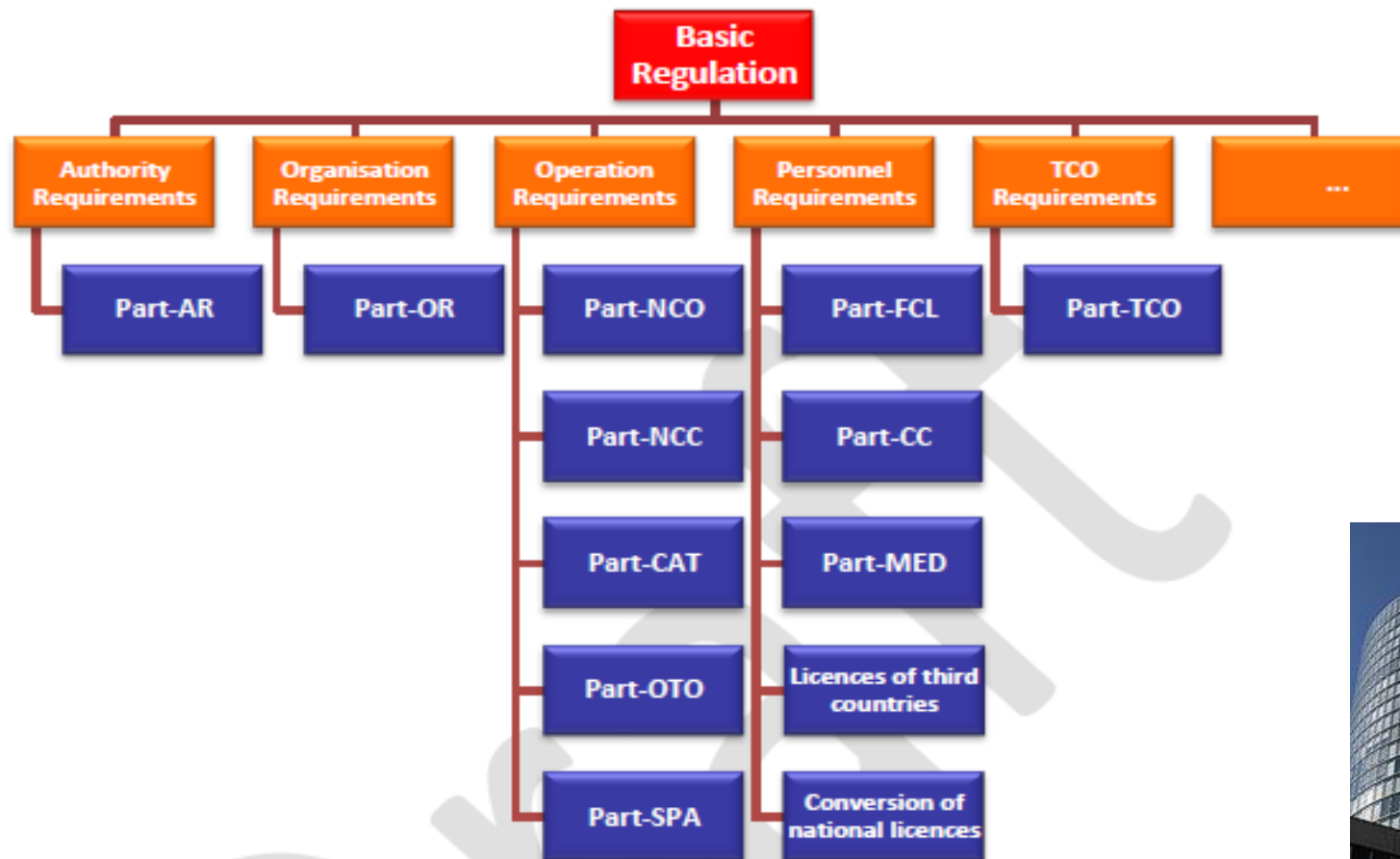
Existing Rules





Structure of Rules

Coming Parts of Rules





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Certification – Seaplanes



Requirements

- **CS-LSA, not yet adopted**
- **CS-VLA, Very Light Aeroplane**
- **CS-23, Small Aeroplanes**
- **CS-25, Large Aeroplanes**
- **Foreign requirements (FAR, RP)**



Certification – Seaplanes



Considerations

- **Not all codes have adequate requirements for seaplanes**
- **Existing SC on Waterloads for CS-VLA and CS-25**
- **Accepted Special Conditions on Performance for CS-25**
- **Noise for (pure) Seaplanes**



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Task FCL.001



Where to find the basis for the regulation of flight crew licensing?

→ Basic Regulation

- Article 7: "Pilots"**
- Article 21: "Pilot certification"**
- Annex III - Essential Requirements**



Regulation 216/2008

Annex III

- **1. Training**
 - Theoretical knowledge / Practical skill / Language proficiency
 - FSTDs / Training course / Instructors / Examiners
- **2. Experience requirements**
- **3. Training organisations**
- **4. Medical fitness**



Part FCL - Contents

Basic Regulation

EC 216/2008

Cover Regulation FCL

Annex I

Part FCL

Annex II

Part Medical

Annex III

**Acceptance
of Licences
and Medical
Certificates**

Annex IV

**Conversion of
national licences
and ratings**

AMC and GM to Part FCL and Part Medical



Task FCL.001 – NPA 2008-17

Article 7

- **Leisure pilot licence, covering non-commercial activities involving non-complex aircraft with a MTOM up to 2000Kg**
- **LPL (= LAPL) has to comply with ERs for pilot Licensing**
- **Medical certificate may be issued by a GMP, if so permitted under national law**



FCL – Structure



Part – FCL

- **Subpart A - General Requirements**
- **Subpart B - Light Aircraft Pilot Licence**
- **Subpart C - PPL / SPL / BPL**
- **Subpart D/E/F - CPL / MPL / ATPL**
- **Subpart G - Instrument Rating - IR**



FCL – Structure



Part-FCL

- **Subpart H - Class and Type ratings**
 - **Subpart I - Additional Ratings**
 - **Subpart J - Instructors**
 - **Subpart K – Examiners**
 - **Appendices**
- & AMC and GM**



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Key Objectives

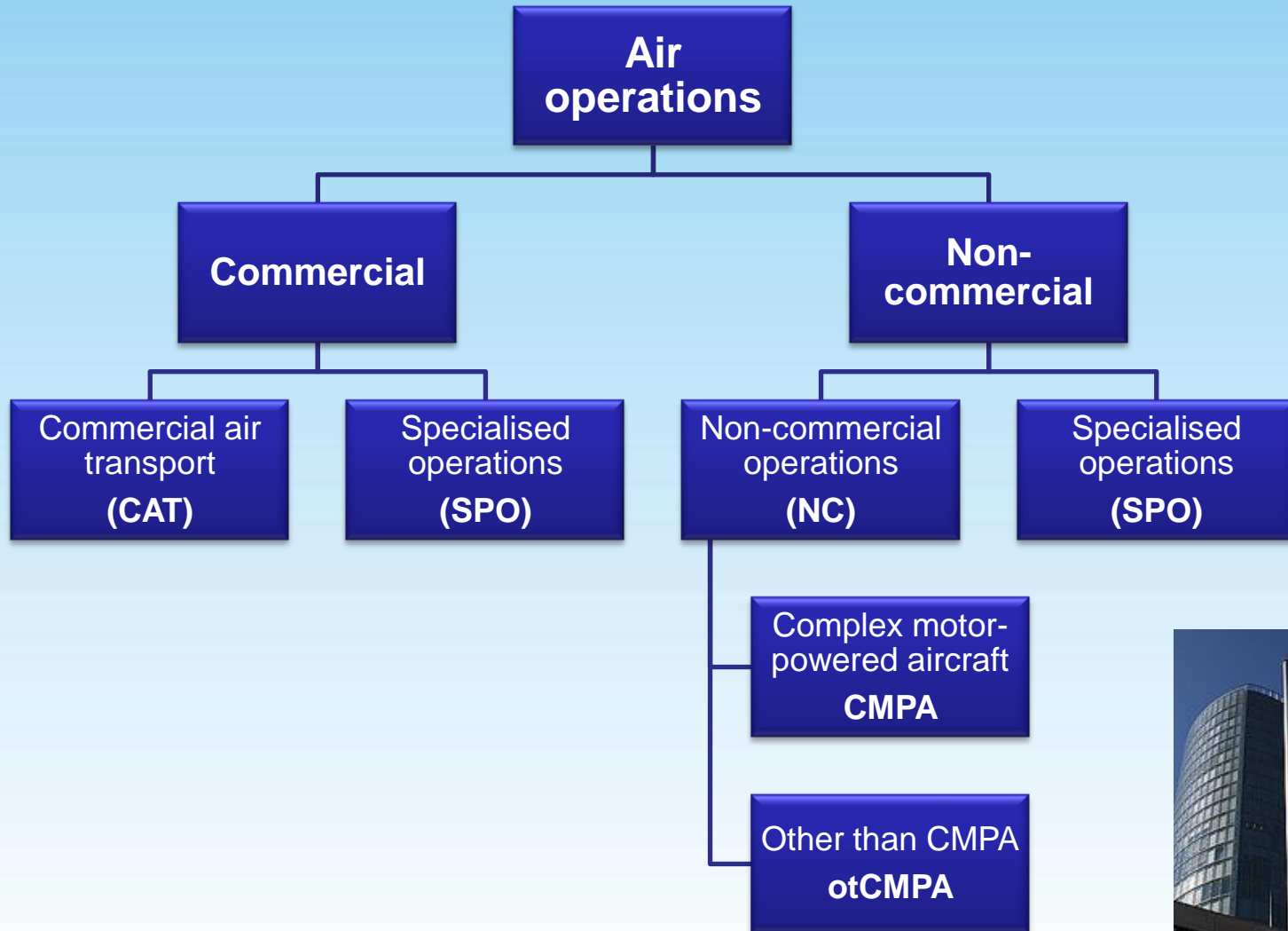
Key objectives for the development of OPS rules

- Establish and maintain a high uniform level of safety
- Align rules with ICAO SARPS and the content of existing rules as far as possible
- Promote performance based rulemaking
- Consider the proportionality of rules
- Provide flexibility to address diverse operational needs and circumstances
- Promote cost-efficiency in the certification and oversight processes





European Air Operation Classification





Classifications of Operations

Definition “Commercial operations”:

- Defined in the Basic Regulation (Article 3)
- A commercial operation would usually be
 - Air taxi
 - On-demand charter
 - Aerial work against remuneration
- A non-commercial operation would usually be
 - Corporate operation
 - Private owner operation





Applicability

Applicability

- Operators with their principal place of business in Europe, regardless if their aircraft is registered in the Community or outside of the Community

Scope

- Commercial operators: Part-CAT or Part-OTO, Part-SPA, Part-OR (i.e. OR.GEN, OR.OPS)
- Non-commercial operators: Part-NCC or Part-NCO or Part-SPO, Part-SPA; if CMPA, Part-OR (i.e. OR.GEN, OR.OPS)





Rules for Operations

To navigate through the rules (1/2):

- Scope, applicability, definitions, transition measures:
 - Basic Regulation
 - Cover Regulations (OPS, OR)
- Technical rules:
 - Basic Regulation: Essential Requirements (ER)
 - Parts: Part-CAT, Part-NCC/NCO, Part-SPO, Part-SPA





Rules for Operations

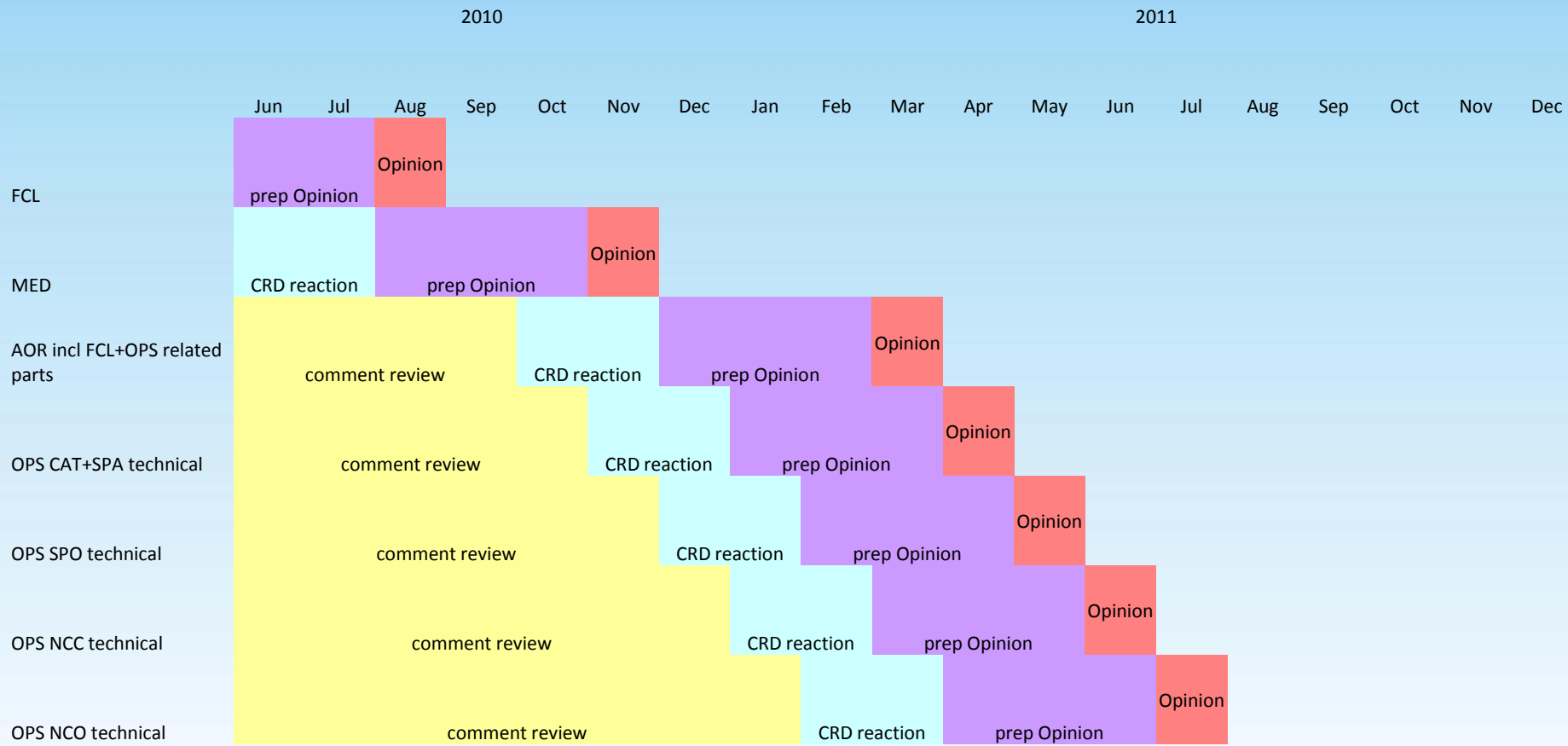
To navigate through the rules (2/2):

- Rules addressed to the operator's organisation (commercial and non-commercial CMPA):
 - Basic Regulation: Essential Requirements (ER)
 - Part-OR: OR.GEN, OR.OPS
- Rules addressed to competent authorities:
 - Part-AR: AR.GEN, AR.OPS
- The e-tool will provide user-friendly means for searching and displaying all relevant rules!





Timelines





Second Extension

General Information

- Covers Aerodromes and Air Traffic Management
- EASA is going to develop the Implementation Rules and the Guidance and AMC Material
- Start Date for Rulemaking Activity is 2010, Delivery Date is planned to be 2013/04
- Operators should play an active role and comment the Drafts





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**Thank you
for your attention !
Questions ?**





Useful Links

- www.easa.europa.eu
EASA Web Site
- http://www.easa.eu.int/ws_prod/r/r_npa.php
NPAs
- http://www.easa.eu.int/ws_prod/r/r_crd.php
Comment Response Documents
- http://www.easa.europa.eu/ws_prod/g/doc/COMMS/Commission%20EASA%20joint%20position%20MB%2015%202009%2009.pdf
Extensions





Abbreviations

- AR Authority Requirements
- OR Organisation Requirements
- NCO Non-Commercial, Non-Complex A/C Operation
- NCC Non-Commercial, Complex A/C Operation
- CAT Commercial Air Transport
- OTO Other Types of Operation (Airealwork)
- SPA Special Approvals (e.g. Dangerous Goods)
- FCL Flight Crew Licencing
- CC Cabin Crew
- MED Medical
- TCO Third Country Operation
- CION Commission
- GMP General Medical Practitioner

