French Technical Regulation update: Context

• Update in the frame of the French Space Operation Act (FSOA) revision

• Need to adapt its contents to the New Space environment
  • Increased space traffic
  • Diversification and multiplication of space actors
  • Emergence of innovative systems, including:
    • On-Orbit Servicing
    • Large Constellations

• Update of several technical documents in parallel
  • Technical Regulations (for both launchers and satellites)
  • Associated best practices guide

• Target for consolidated baseline: May-June 2022
2021

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- **Review of draft initial notification**
- **Response to comments and discussion with stakeholders**
- **Official initial notification generation**
- **Review of official initial notification**
- **Consultation report construction**
- **Final proposal document construction and last comments processing**
- **Workshop Technical Regulation / Best Practice Guide (1-2 days)**
- **Update of BPG following December workshop**
- **Update of BPG following comments from official initial notification review**
- **BPG finalisation**

**Important Dates:**
- **13/07**: Review of draft initial notification
- **31/08**: Official initial notification generation
- **01/09**: Response to comments and discussion with stakeholders
- **03/12**: Review of official initial notification
- **10/12**: Final proposal document construction and last comments processing
- **17/12**: Workshop Technical Regulation / Best Practice Guide (1-2 days)

**Documents:**
- **Working document**
- **Draft Initial Notification (V1)**
- **Official Initial Notification (V2)**
- **Consultation report**
- **Final Proposition (V3)**
French Technical Regulation: Main evolutions

- Update of regulation based on lessons learned
  - Resolution of ambiguities,
  - Precision of expectations,
  - Formalization of processes already in place
  - …

- Addition of new technical requirements in the frame of the New Space
  - Collision prevention,
  - Space objects identification and tracking,
  - …

- Hardening of technical requirement
  - Passivation reliability,
  - Orbital lifetime considerations,
  - …

- Introduction of On Orbit Servicing regulations
- Introduction of requirements dedicated to Constellations
- Formalization of mission extension conditions