



# Joint EC-ASFCG Seminar on Aeronautical Spectrum

# A Changing Environment - How Do We Respond?

**Andy Knill**  
**Head Surveillance Spectrum Management –**  
**UK CAA**  
**Chair ASFCG**

# Where are we now?

- Aviation is increasingly aware of the spectrum issues
  - Recognition of issues at ICAO Air Navigation Conference in 2012
  - Development of Spectrum Strategies in ICAO and SESAR
  - Coordinated approach to WRC
- Spectrum a key issue in developing future system requirements
- Effective coordination in management of scarce resources, including frequencies:
  - International processes
  - Best Practice
  - Transparency and Accountability including Audit

# Further Action

- More of the above!
- Ensure continuing and improved engagement at all levels to ensure informed debate
- Develop evidence based approach to protection criteria for aeronautical systems and ensure safety issues are well defined
- Work towards removing obsolescence and unnecessary duplication – “Sunset clauses”
- Proactively encourage emerging technologies which future proof aviation and make more efficient use of spectrum, e.g. UK Spectrum Release Programme and non-cooperative surveillance
- Work with others to build confidence in aviation as responsible spectrum managers and users



**Questions?**