



**INTERNATIONAL SPACE COMMERCE
2013 SUMMIT**



PRESENTATION: Managing conflict
The laws and regulations of commercial participation in space

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DAY 1: 29th October 2013

... it's an irn Summit.

Laws and Regulations of Commercial Space Activity

International Space Commerce 2013 Summit
London

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REGULATIONS AND COMPLIANCE

- International Law – “Public” & Relevance
 - UN 193 Members
 - OST 102 Ratifications
 - *Outer space, including .. celestial bodies, is not subject to national appropriation by claim of sovereignty, by .. use or occupation, or by any other means. OST Art II.*

POLICY FORMULATION AND IMPLEMENTATION

- Nature of Policy
 - Identify political priorities
 - Devise programmes and actions to deliver desired outcome
 - US and USSR
 - EU and ESA
- National Implementation
 - Legislation, Decree, Licence

Regulations and Compliance

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- Municipal Law – National
 - Jurisdiction
 - UK Outer Space Act 1986
 - Licensing – UK Conditions
 - be conducted in a *proper manner*
 - accord with best *industry practice*
 - comply with *international* obligations of UK
 - not give rise to *liability* under international law

Policy Options & Implementation



SECURITY

- Space environment
 - Space Weather
 - Debris
- Systems and infrastructure
- National (Military) Security
- Economic

ACCESS

- Physical access – Launchers
- Spectrum and Orbital Resources
 - Service Neutrality
 - Landing rights
 - Paper satellites - *bring into use*
- Finance and Insurance
 - UNIDROIT Cape Town Convention Space Protocol
 - Market capacity

FUTURE LEGAL FRAMEWORK

- Address topical issues
 - Debris – Mitigation and Remediation
 - On-orbit Service and Ownership Change
 - Earth Observation
 - Exploitation of Resources
- Need international solutions
- Guidelines and best practice
 - Licence conditions

Thank You

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