

Practical and Innovative Approaches to Regulating Space Activities in Singapore

Dr. Ricky J. Lee

Managing Partner, Globalex Tax + Legal (Sydney)

Adjunct Professor, University of Notre Dame Australia

Thursday, 23 July 2016

Centre for International Law, National University of Singapore

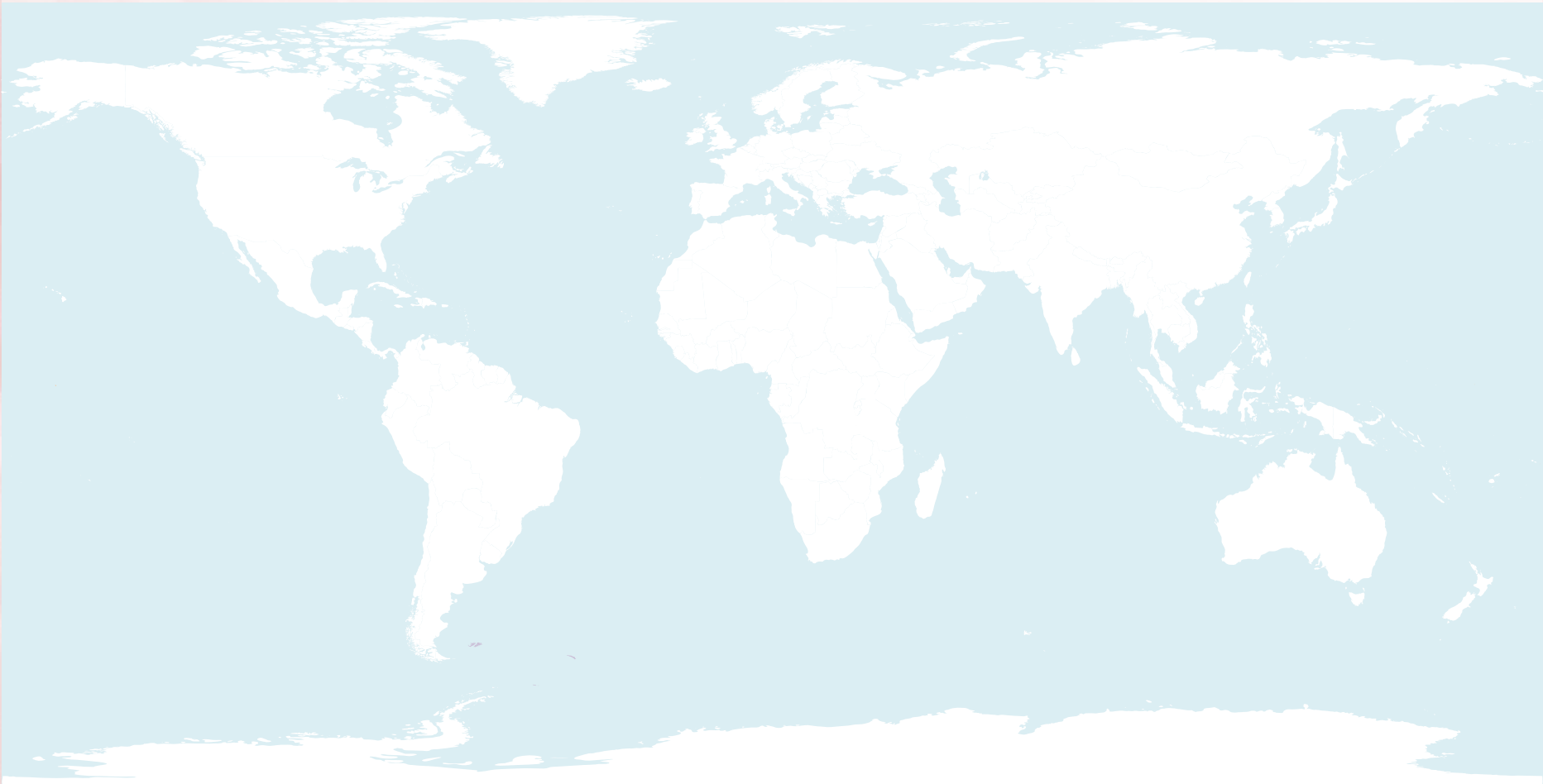


Categories of Space Activities for Regulation

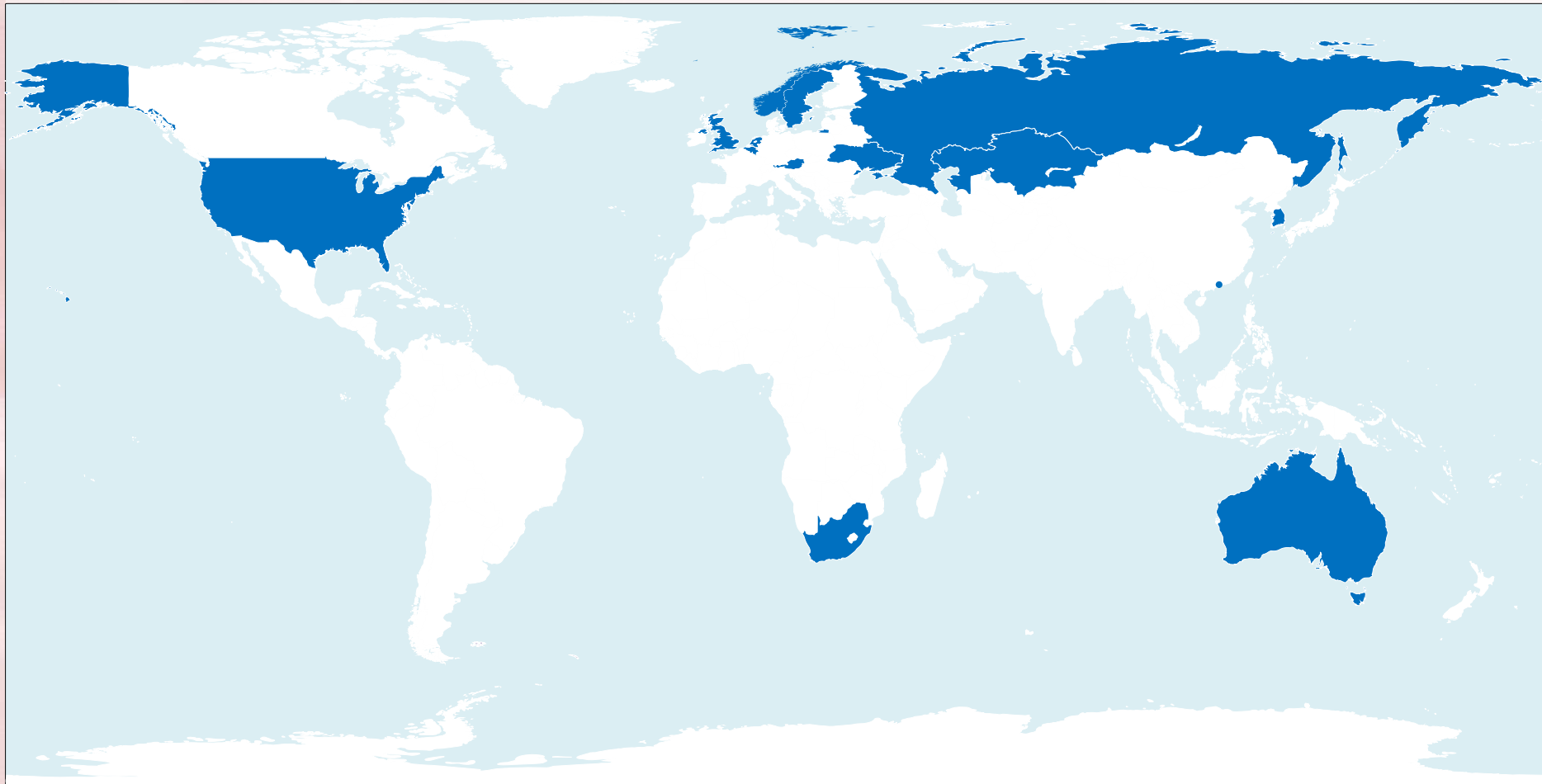
- Telecommunications and Radiocommunications
 - *Telecommunications Act*
 - *Telecommunications (Radio-Communication) Regulations*
- Governmental Space Activities
- Private Launch Activities
- Private Satellite Operations
- Remote Sensing
- Human Spaceflight



Countries with Space Launch Legislation



Countries with Space Launch Legislation



Objectives in Regulating Space Activities

- International Liability
 - Liability Convention
 - Outer Space Treaty, article VI
- Launch Safety and Range Safety
- National Security Considerations
 - Outer Space Treaty, article IV
 - Arms control and missile proliferation restrictions
- Domestic Liability
- Financial Capacity for Liability Risks
- Creating Register for Space Objects



Practical Problems with Space Legislation

- Extraterritorial Application
- Flags of Convenience
- Delimitation
- Participant Specificity
- Technology Specificity
- ITAR
- Language
- Liability in Private Law
- Comity and Reciprocity



Objective-Based Licensing

- Singapore has the opportunity to consider and adopt innovative approaches to licensing space activities
- Legislate for the outcomes and not procedures and processes by way of Standard Licence Conditions and Specific Licence Conditions
- Publish the Standard Licence Conditions with a Compliance Guide for transparency
- Legislation address only:
 - application of the law
 - requirement for licensing
 - transmission of international liability



Thank you.

