



The Consortium for Execution of Rendezvous and Servicing Operations (CONFERS)

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CONFERS Objectives



- Independent industry forum to advocate and promote on-orbit satellite maintenance, servicing, and rendezvous operations
- Collaborate to research, develop, and publish voluntary, consensus technical and safety standards
- Engage with governments on policy and oversight of satellite servicing activities
- Open to participation by private sector stakeholders in the international satellite servicing community
- Initially supported by DARPA, CONFERS intends to transition to full private-sector funding over a period of several years

CONFERS: A Holistic Approach To Standards



Interfaces and Designs

- Engineering and design to increase the safety, viability, and interoperability of satellite servicing

Operational Practices

- Behavior of satellite servicing and RPO activities

Data Exchange and Sharing

- Information sharing between servicing companies, clients, and governments

Transparency

- Mechanisms to reduce misperceptions and clarify intent about the dual-use activities

CONFERS Secretariat

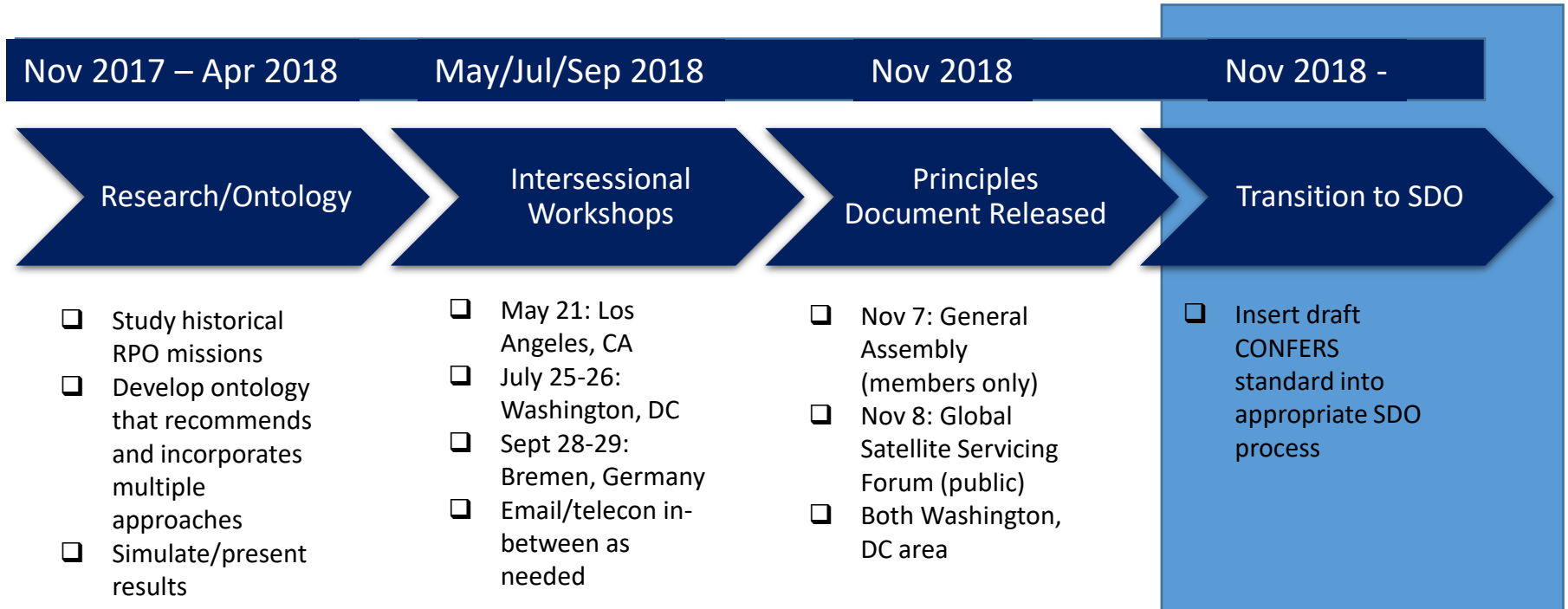


- **Advanced Technology International**
 - consortium start-up and formation activities
 - consortium operations and general management functions
- **Secure World Foundation**
 - overall technical lead
 - coordinate all research and standards development activities
- **University of Southern California Space Engineering Research Center**
 - execute a comprehensive study of past and present RPO actions
 - catalog the past programs both nationally and internationally
- **Space Infrastructure Foundation**
 - identify the proper standard strategy for publication by qualified Standards Development Organization (SDOs);
 - identify an SDO to work on a core standard on RPO;
 - coordinate intersessional meetings with national and international stakeholders

Current Members



2018 Activities



CONFERS Products



- Guiding Principles for RPO and OOS (published 7 Nov 2018)
 - Consensual operations
 - Compliance with relevant laws and regulations
 - Responsible operations
 - Transparent operations
- Design and Operating Practices (published 4 February 2019)
 - Design for mission success
 - Design satellites to improve mission safety
 - Design operations to minimize mishaps
 - Avoid interference during all operations
 - Share info on anomalies and resolutions
 - Promote space sustainability guidelines/practices

2019 Activities

- University of Southern California Space Engineering Research Center research into existing practices/standards on satellite servicing and interfaces
- Election of Executive Committee
- CONFERS Workshops
 - April 8 (Colorado Springs)
 - May 9-10 (Washington, DC)
 - June 7-8 (London)
 - Sept (TBD)
- General Assembly/Global Satellite Servicing Forum
 - October 3-4 (Washington, DC)



Contact Info

- Consortium publications and further information are available on the CONFERS website at: www.satelliteconfers.org
- Contact Information:
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