

## 6<sup>th</sup> Annual Space and Satellite Regulatory Colloquium

### AGENDA

**OCTOBER 18: Reed Smith Tysons**  
**Conference Rooms 5F and 5G**  
**7900 Tysons One Place, Suite 500**  
**McLean, VA 22102**

7:00-8:00: REGISTRATION

8:00-8:30: INTRODUCTORY REMARKS

Del Smith, *Senior Space Business Counsel, Reed Smith, Tysons*  
Chris Stott, *Chairman and CEO, ManSat*

8:30-9:30: SATELLITE PRICING

Facilitator: Chris Stott, *Chairman and CEO, ManSat*  
Issue: Have we hit the inflection point, or are we at the precipice?

Tim Logue, *Senior Director Sales and Business Development, Thales Alenia Space*  
Pat Rayermann, *Director, Space and National ISR, Semper Fortis Solutions*  
Jay Yass, *Vice President of Business Development, Omnispace*

9:30-10:30: INSTITUTIONAL COOPERATION

Facilitator: Kelvin Coleman, *Acting Deputy Administrator for Commercial Space Transportation, FAA*

Issue: Challenges to Government involvement with commercial satellite systems

Col. Brian M. Moore, *US STRATCOM, US Air Force*  
Chuck Cynamon, *Associate Vice President & Deputy General Manager, LinQuest Corporation*  
Charity Weeden, *Senior Director of Policy, Satellite Industry Association*

10:30-10:50: COFFEE

## 10:50-11:50: SITUATIONAL AWARENESS/SPACE TRAFFIC MANAGEMENT

Facilitator: Dr. Brian Weeden, *Director of Program Planning, Secure World Foundation*  
Issue: Situational awareness: What are appropriate rules of the road.

Daniel Ceperley, *Chief Executive Officer, LeoLabs*  
Jean-Luc Froeliger, *Vice President Satellite Operations and Engineering, Intelsat and Executive Director, Space Data Association*  
Tom Kubancik, *Vice-President, Applied Defense Solutions, Inc.*  
Jennifer Warren, *Vice President, Technology Policy & Regulatory Affairs, Lockheed Martin*  
Marcy Steinke, *DigitalGlobe*

## 11:50-1:15: LUNCHEON KEYNOTE

Introduction: David Bair, *Eutelsat America*  
Speaker: Brigadier General (Retired) Tip Osterthaler

## 1:15-2:15: SMALLSAT: ORBITAL DEBRIS & THE SUSTAINABILITY OF SPACE OPERATIONS

Facilitator: David Hartshorn, *Secretary General, Global VSAT Forum*  
Issue: Since the first orbital launch in 1957, the number of artificial objects in Earth orbit has been growing. The number of on-orbit objects tracked by the US Strategic Command (operators of the US Space Surveillance Network) shows faster growth compared to the number of operational satellites on-orbit.

Timothy Maclay, *Director Mission Systems Engineering, OneWeb*  
Anthony Baker, *Satellitevu*  
Jay Gullish, *Director, US/India BusinessCouncil*

## 2:15-3:15: STRUCTURING COMPLEX COMMERCIAL SATELLITE TRANSACTIONS

Facilitator: Michael Mendelson, *Partner, Wissing Miller*  
Issue: Cross-Border Complications

Peter Teare, *Partner, Reed Smith, London*  
Thomas Campbell, *Director of Innovation, Space and Intelligence Systems, Harris Corporation*  
David Bair, *CEO, Eutelsat America Corp*

## 3:15-3:30: COFFEE

3:30-4:30: THE MOON

Facilitator: Chris Stott, *Chairman & CEO, ManSat*

Issue: A private settlement on the moon: The Lunar Economic Action Plan

José Ocasio-Christian, *Chief Executive Officer, Caelus Partners*

Allyson Reneau, *Harvard*

Helen Wexler, *Funder, Bubble Base*

Jeffrey Manber, *CEO, NanoRacks*

**OCTOBER 19, 2017: Reed Smith Washington, D.C.  
East and West Penthouses  
1301 K Street, N.W.  
Suite 1000, East Tower  
Washington, D.C. 20005-3317**

7:00: REGISTRATION

7:30-8:30: NORTHERN SKIES RESEARCH BREAKFAST BRIEFING,

Chris Baugh, *President, NSR*

8:30-8:45: OPENING DIALOGUE: ISSUES AND OPTIONS

Chris Stott, *Chairman and CEO, ManSat*  
Del Smith, *Senior Space Business Counsel, Reed Smith, Tysons*

8:45-9:45: SATELLITE CONNECTIVITY

Facilitator: Michael Potter, *Geeks Without Frontiers*  
Issue: How to Increase

Ruth Pritchard-Kelly, *SES*  
Gonzalo de Dios, *Associate General Counsel, Intelsat*  
Simon Grey, *Eutelsat*  
John Morris, *Geeks WF*  
Lou Zacharilla, *SSPI*

9:45-10:45: ITU FREQUENCY MANAGEMENT

Facilitator: Chris Stott, *Chairman & CEO, ManSat*  
Issue: ITU effectiveness

Jennifer Manner, *EchoStar*  
Jennifer Warren, *Vice President, Technology Policy & Regulatory Affairs, Lockheed  
Martin*  
John Janka, *Latham and Watkins*

10:45-11:00: COFFEE

11:00-12:00: DISRUPTION

Facilitator: Richard French, *Manager, Technology Partnerships, Office of Space Technology, NASA JPL*

Issue: Role of Disruptive Technology in Commercial Space

High, Very-High, and Ultra-High Throughput Satellites, small spacecraft-based telecommunications constellations, and on-orbit satellite servicing, assembly, and manufacturing – we will take a short break from the regulatory and legal discussions to ask provocative questions of leading firms looking to disrupt the space telecommunications sector with technological innovations.

Steve Diamond, *Business Development Director, OneWeb Satellites*

Jim Armor, *OATK*

SSL Representative

David Greenidge, *Chief Architect, ViaSat*

12:00-1:30: LUNCHEON KEYNOTE

Introduction: Del Smith

Speaker: Clay Mowry, *Blue Origin*

1:30-2:30: COMMUNITY IN SPACE

Facilitator: José Ocasio-Christian, *Chief Executive Officer, Caelus Partners*

Issue: New Institutional Framework

Jean Michel Eid, *Managing Director, Space Partnership International*

Michael Mendelson, *Partner, Wissing Miller*

Henry Hertzfeld, *Professor, George Washington University*

Tom Fabian, *Head of Global Network, Broadcasting Board of Governors*

2:30-3:30: SATELLITE FINANCE

Facilitator: Elizabeth Evans, *Partner, Reed Smith, New York*

Issue: Options

Chris Quilty, *Quilty Analytics*

Alexis M. Sáinz, *Milbank*

Justin Cadman, *Raymond James*

3:30-4:30: REWRITING THE RULE BOOK FOR LAUNCH

Facilitator: Jim Muncy, *Principal, PoliSpace*  
Issue: What Does Assured Access Mean?

Eric Stallmer, *President, Commercial Spaceflight Federation*  
Sirisha Bandla, *Virgin Orbit*  
Audrey Powers, *Deputy General Counsel, Blue Origin*  
Caryn Schenewerk, *Senior Counsel & Director, Government Affairs, SpaceX*

4:30-5:30: EXPORT CONTROL

Facilitator: Michael Lowell, *Partner, Reed Smith, Washington, D.C.*  
Issue: What Lies Ahead

Stefan Lopatkiewicz, *General Counsel, Eutelsat America Corp.*  
Aaron Lewis, *Vice President, Corporation Communications & Government Relations, Arianespace, D.C.*  
Charity Weeden, *Senior Director of Policy, Satellite Industries Association*

5:30-6:30: INSURANCE FOR COMMERCIAL SPACE

Facilitator: Pamela Meredith, *Zuckert Scoutt Rasenberger*  
Issue: Insurance for Constellations

Robert P. Whearty, *SR. VP. Projects, Marsh*  
Nishant K. Choksi, *Managing Director, Ares Advisors*  
Chris Kunstadter, *Senior Vice President and Global Underwriting Manager, Space at XL Catlin*

6:30: RECEPTION