

## Commercial Space Transportation Advisory Committee Public Meeting

National Housing Center  
1201 15th Street NW  
Washington, DC 20005  
Wednesday, May 19, 2010  
8:00 am – 3:15 pm



**Federal Aviation  
Administration**

### *Meeting Agenda*

---

---

<b>8:00 am - 8:30 am</b>	<i>Coffee</i>	
<b>8:30 am – 8:45 am</b>	<i>Welcome/Opening Remarks</i>	<b>Will Trafton</b> President Will Trafton and Associates, LLC
<b>8:45 am – 9:15 am</b>	<i>Remarks</i>	<b>Dr. George C. Nield</b> Associate Administrator for Commercial Space Transportation
<b>9:15 am – 9:50 am</b>	<i>Keynote Speaker</i>	<b>Charles F. Bolden, Jr.</b> NASA Administrator
<b>9:50 am – 10:30 am</b>	<i>2010 COMSTAC Commercial GSO Launch Demand Model Q and A</i>	<b>Christopher Kunstadter</b> Vice President XL Insurance
	<i>2010 Commercial Space Transportation Forecast for Non- Geosynchronous Orbits Q and A</i>	<b>Dustin Kaiser</b> Futron Corporation
<b>10:30 am – 10:40 am</b>	<b>Break</b>	
<b>10:40 am – 11:10 am</b>	<i>Risk Management Report</i>	<b>Christopher Kunstadter</b> Vice President XL Insurance
<b>11:10 am – 11:40 am</b>	<i>Export Controls Report</i>	<b>Michael N. Gold</b> Director, D.C. Operations & Business Growth Bigelow Aerospace
<b>11:40 am – 12:10 am</b>	<i>Reusable Launch Vehicles Report</i>	<b>Brett Alexander</b> Commercial Spaceflight Federation

**12:10 am – 1:15 pm**

**Lunch**

**1:15 pm – 1:45 pm**

*Space Transportation Operations  
Report*

**Debra Facktor Lepore**  
DFL Space LLC

**1:45 pm – 1: 55 pm**

**Break**

*Light Refreshments*

**1:55 – 3:00 pm**

*Public Comment Period/Open  
Discussions*

**Mr. Trafton**  
**Jim VanLaak**  
Deputy Associate Administrator for  
Commercial Space Transportation  
**Mr. Trafton**

**3:00 pm – 3:15 pm**

*New Business and Wrap-Up*

**3:15pm – 4:45 pm**

*Closed Session*

**COMSTAC Working Group Meeting Schedule  
May 18, 2010**

COMSTAC Working Group meetings will take place at the National Housing Center, 1201 15th Street NW, Washington, DC 20005. The COMSTAC meetings will be in Rooms A, B, and C.

<b>Time</b>	<b>Working Group</b>	<b>Location</b>
9:00 am – 11:00 am	<p>RLV Working Group Brett Alexander, Chair, Commercial Spaceflight Federation</p> <p>Items for discussion:</p> <ol style="list-style-type: none"> <li>1. Risk of Triggered Lightning at Existing Commercial Launch Sites               <ul style="list-style-type: none"> <li>o Karen Shelton-Mur (FAA/AST)</li> <li>o Dr. Richard Walterscheid (Aerospace)</li> </ul> </li> <li>2. Proposed statements for adoption by the full COMSTAC regarding NASA's Commercial Crew and Cargo Program               <ul style="list-style-type: none"> <li>o Statement of principle of FAA licensing</li> <li>o Statement of support for NASA budget proposal</li> </ul> </li> </ol> <p>Proposed Statements for Regarding NASA's Commercial Crew and Cargo Program:</p> <ol style="list-style-type: none"> <li>1. The COMSTAC strongly supports the proposed Commercial Crew Development Program as contained in the FY2011 President's Budget Request for the National Aeronautics and Space Administration (NASA). More than 49 years after the launch of Alan Shepard, America's first man in space, the time has come for NASA to enable the development of commercial human spaceflight capabilities for access to low Earth orbit and to transition to private operators the transport of crew and logistics to the International Space Station.</li> <li>2. The COMSTAC strongly supports the principle of FAA licensing of commercial human spaceflight activities, including</li> </ol>	Rooms A-B

those commercial activities conducted for government customers, such as the National Aeronautics and Space Administration (NASA). A single, consistent regulatory and licensing regime for both government and non-government customers is critical to the long-term success of commercial human spaceflight providers and to enabling the development of new customers and markets for private human spaceflight capabilities.

10:00 am-11:30 am	<p>Export Controls Working Group  Michael Gold, Chair, Director, D.C.  Operations &amp; Business Growth  Bigelow Aerospace</p> <p>Discussion Topics</p> <ol style="list-style-type: none"> <li>(1) An update regarding ITAR reform within Congress and the Executive Branch;</li> <li>(2) A briefing from an AST representative as to what was done with our previous recommendations and what their impact was;</li> <li>(3) Discussion of COMSTAC participating in the USML review process along the same lines anticipated for the DTAG; and</li> <li>(4) Further discussion of a previous recommendation to establish a standing entity within the White House Office of Science and Technology Policy to conduct export control reviews.</li> </ol>	Room C
11:30 noon – 2:15 pm	<p>Lunch – On Your Own  or  Attend the WIA Luncheon  Keynote Speaker: Dr Regina Dugan, Director of DARPA</p>	Hyatt Regency - Capitol Hill 400 New Jersey Avenue, NW
2:30 pm – 3:30 pm	<p>Space Transportation Operations Working Group  Chair, Debra Facktor Lepore, DFL Space LLC</p> <p>Discussion topics</p> <ul style="list-style-type: none"> <li>- Review previous actions</li> <li>- Stand-down of input on commercial issues for DOD launch (the purpose of our paper was accomplished)</li> <li>- Confirm that orbital debris is still a topic</li> </ul>	Rooms A-B

of interest and how should it be addressed  
by this committee [see Kelvin Coleman  
presentation at end]

- Top 5 topics that COMSTAC and STOWG  
should be addressing
- Review STOWG charter & its applicability  
relative to the other WGs (are we doing the  
right thing, what overlap do we have with  
RLV and export control, what are priorities)
- Create definition & mission for STOWG,  
based on today's priorities of commercial  
launch & on-orbit operations, to include  
passenger travel
- Presentation from Kelvin Coleman of  
FAA/AST re: reentry debris model and  
application to commercial side

2:15 pm – 4:15 pm

Risk Management Working Group  
Christopher Kunstadter, Co-Chair, XL  
Insurance  
Janet Sadler, Co-Chair, AIG UK Limited

Room C