



**Federal Aviation
Administration**

**Commercial Space Transportation Advisory Committee
Public Meeting**

National Housing Center, 1201 15th Street, NW, Washington, DC 20005

Thursday - May 10, 2012

8:00 am – 5:00 pm

Agenda

8:00 am – 8:10 am	<i>Welcome/Opening Remarks</i>	Will Trafton (COMSTAC Chair) President Will Trafton and Associates, LLC
8:10 am – 8:40 am	<i>Speaker</i>	Charles F. Bolden, Jr. Administrator National Aeronautics and Space Administration
8:40 am – 9:30 am	<i>Dialog on Key Issues Facing AST and Industry</i>	Dr. George C. Nield (Moderator) Associate Administrator for Commercial Space Transportation Federal Aviation Administration
9:30 am – 10:00 am	<i>COMSTAC Discussion of Working Group Agendas</i>	Mr. Trafton
10:00 am – 10:10 am	Break	

Working Group Meetings

10:10 am – 12:00 noon	<i>Business/Legal Working Group Meeting</i>	Christopher Kunstadter (Co-Chair) XL Insurance Janet Sadler (Co-Chair) Chartis Insurance UK Limited
12:00 noon – 1:00 pm	Lunch	
1:00 pm – 3:00 pm	<i>Export Controls Working Group Meeting</i>	Mike Gold , (Chair) Director, D.C. Operations & Business Growth, Bigelow Aerospace
3:00 pm – 5:00 pm	<i>Operations Working Group</i>	Debra Facktor Lepore (Chair)

Commercial Space Transportation Advisory Committee
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Friday - May 11, 2012

Agenda

8:30 am – 10:30 am	<i>System Working Group Meeting</i>	Livingston Holder (Chair) Holder Aerospace
10:30 am – 10:45 am	Break	
10:45 am – 10:55 am	<i>Remarks</i>	Mr. Trafton
10:55 am – 11:15 am	<i>Operations Working Group Report</i>	Ms. Lepore
11:15 am – 11:35 am	<i>Export Control Working Group Report</i>	Mr. Gold
11:35 am – 11:55 am	<i>Business/Legal Working Group Report</i>	Mr. Kunstadter Ms. Sadler
11:55 am – 1:00 pm	Lunch	
1:00 pm – 1:20 pm	<i>System Working Group Report</i>	Mr. Holder
1:20 pm – 1:50 pm	<i>New Business</i>	Mr. Trafton
1:50 pm – 2:20 pm	<i>Public Comment</i>	Mr. Trafton Jim VanLaak Deputy Associate Administrator for Commercial Space Transportation Federal Aviation Administration
2:20 pm – 2:30 pm	<i>Wrap-Up and Adjournment</i>	Mr. Trafton
2:30 pm – 3:00 pm	<i>Closed Session (if appropriate)</i>	

The next COMSTAC Meeting will be October 10 and 11, 2012

COMSTAC Working Group Meeting Agendas

Business/Legal Working Group

From	To	Min	Topic	Presenter	Status
10:10	10:15	0:05	Introduction, new WG names and focus, COMSTAC membership on WGs	Chris Kunstadter, XL Insurance	confirmed
10:15	10:30	0:15	Liability limitation for human spaceflight - update	Laura Montgomery, FAA/AST, DC	confirmed
10:30	10:45	0:15	Insurance task - status	Pam Underwood, FAA/AST, PAFB	tentative
10:45	11:00	0:15	GAO indemnification study - status	Maureen Luna-Long, GAO	confirmed
11:00	11:15	0:15	Indemnification extension - status	Greg Rasnake, FAA/AST, DC	invited
11:15	11:30	0:15	GSO/NGSO forecasts - status	Kate Maliga, Tauri Group	confirmed
11:30	11:45	0:15	Effects of minimal regulations on commercial human spaceflight and public risk acceptance	Ed Springer, FAA/AST, PAFB	confirmed
11:45	12:00	0:15	New business	Chris Kunstadter, XL Insurance	confirmed

Export Control Working Group

Discussion of the recent 1248 report produced by the Department of State and the Department of Defense providing a risk assessment of United States Space Export Control Policy.

Panel discussion to explore the findings of this report and its likely impact on export control reform efforts for space-related technologies. Panelists will include Lou Ann McFadden, Chief, Strategic Issues Division, DTSA Policy Directorate; David Fite, Senior Professional Staff Member, U.S. House Committee on Foreign Affairs; and Patricia Cooper, President of the Satellite Industry Association.

Congressman Dutch Ruppersberger (D-MD, and Ranking Member of the House Select Committee on Intelligence) has accepted an invitation to speak to the Working Group.”

Operations Working Group

3:00 pm	Welcome and Introductions / New name of the working group	All
3:10 pm	Expectations for the Meeting <ul style="list-style-type: none"> - Observation: passive, no response required by FAA/AST - Finding: semi-active, response only if FAA/AST deems appropriate - Recommendation: response by FAA/AST required 	Debra Facktor Lepore, STOWG Chair
3:15 pm	Review of October 2011 Actions & Input to FAA/AST <ul style="list-style-type: none"> - Response from FAA/AST on October 2011 STOWG Observations, Findings, Recommendations New Business Announcement, Resulting from COMSTAC morning session (May 10)	DFL
3:20 pm	Previous Action Item Review: Commercial Spaceport Survey Results & Next Steps <ul style="list-style-type: none"> - Survey results on spaceport licensing processes, stakeholder viewpoints, goal is to recommend how to effectively execute projects that require them, such as vehicle launches, recoveries, ground support activities, etc) 	Oscar Garcia, InterFlight Global, and Brian Gulliver, RS&H
3:40 pm	Update on International Developments in Space Operations: Update on Recent Developments & Industry Involvement <i>Update: European Union's Proposed "Code of Conduct for Outer Space Activities"</i> <ul style="list-style-type: none"> - Frank Rose, Deputy Assistant Secretary for Space and Defense Policy, Bureau of Arms Control, Verification and Compliance, U.S. Department of State [invited] 	Guest Speakers
4:00 pm	<i>Update: Long-Term Sustainability of Space (A United Nations COPOUS Activity)</i> <i>An AST International perspective and Group B (Orbital Debris) Report</i> <ul style="list-style-type: none"> - John Sloan, FAA/AST 	
4:20 pm	<i>Group D Report:</i> <ul style="list-style-type: none"> - Rachel Yates, COMSTAC representative <i>Discussion</i> <ul style="list-style-type: none"> - Review COMSTAC Responses to Group B and Group D and agree on final input for submittal on May 11. Drafts were distributed for review. - Q&A 	
	<i>NOTE: "Group B" UN expert working group are June 4-5 and possibly 6, on orbital debris, in Vienna, prior to planned UN COPUOS meetings June 6-15.</i>	
4:35 pm	Update on DOD Proposal to Enhance Commercial Interactions at Federal Ranges: Proposal for Commercial Space Launch Cooperation Act: Update <ul style="list-style-type: none"> - Tom Shearer, OSD/AT&L, National Space Security Office - Representative from AFSPC 45 SW/XPE [invited] <i>Discussion / Q&A</i>	Guest Speaker
4:45 pm	Ongoing Topics of Interest, New Business and Open Discussion <ul style="list-style-type: none"> - Resulting from FAA/AST Priorities to COMSTAC - Global regulations adopting U.S. regulatory philosophy - Commercial standards for human spaceflight industry - Other Topics of Interest 	All
4:55 pm	Next Meeting & Venues, Telecon Schedules	DFL
4:55 pm	Wrap Up / Prepare Summary to submit to full COMSTAC meeting (May 11, 2012) <ul style="list-style-type: none"> - Observation: passive, no response required by FAA/AST - Finding: semi-active, response only if FAA/AST deems appropriate - Recommendation: response by FAA/AST required 	All
5:00 pm	Adjourn	

Systems Working Group

8:30 – 8:40 (10 minutes)	Welcome and Introductions	Livingston Holder, Chair
8:40 – 8:50 (10 minutes)	New Working Group Structure	Livingston Holder, Chair
8:50 – 9:50 (60 minutes)	Human Spaceflight Requirements Team Status (Approach, ground rules, and assumptions)	Pam Melroy, Senior Technical Advisor, FAA/AST
9:50 – 10:10 (20 minutes)	Suborbital Market Report Update	Kate Maliga, Tauri Group
10:10 – 10:30 (20 minutes)	Lessons Learned Database Update	Mike Kelly, Chief Engineer, FAA/AST