



# **Commercial Space Transportation Advisory Committee**

## **Systems Working Group Report 17 September 2014**

**Livingston L. Holder, Jr., Chair  
Charles Precourt, Vice Chair**

# Agenda

---

- 1:00 - 1:10**      **Welcome and Introductions**  
Livingston Holder, Chair  
Charles Precourt, Vice-Chair
- 1:10 - 1:40**      **XS-1 Overview, Technology, and Application to Commercial Space Transportation**  
Jess Sponable, XS-1 Program Manager  
Defense Advanced Research Projects Agency (DARPA)
- 1:40 - 2:10**      **XS-1 Challenges and Opportunities**  
Dennis Poulos, XS-1 Program Manager  
Masten Space Systems, Inc.
- 2:10 - 2:40**      **XS-1 and the Future Space Enterprise**  
Doug Young, VP Missile Defense and Advanced Missions  
Northrop Grumman
- 2:40 - 3:00**      **New Business, Wrap Up and SWG Observations, Findings and Recommendation**  
Livingston Holder, Chair  
Charles Precourt, Vice-Chair

## SWG Observations

---

**The COMSTAC makes the following Observation from the Systems Working Group regarding the XS-1 Program.**

**SWG O1 - The XS-1 Program, as presented by DARPA and industry, represents great potential to advance commercial spaceflight capabilities. The XS-1 program is focused on integrating near-term and available technologies to dramatically lower launch costs through reusability and through reductions in facility and launch team requirements and dramatically shortened vehicle turnaround times. These attributes will be directly applicable to, and strengthen the business viability for, commercial spaceflight activities.**