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Hosted Payload Advances *from HPA*

About
HPA

Press
Releases

Forward to
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In this issue:

- [Message from HPA Chairman Don Thoma](#)
- [Attend the HPA Panel at the National Space Symposium](#)
- [HPA at Satellite 2010](#)
- [HPA Welcomes New Member Northrup Grumman](#)
- [Important Dates – Mark Your Calendar](#)

Message from the HPA Chairman



For the last 15 months, the members of the Hosted Payload Alliance have been working together to help educate a broad set of audiences and promote the use of commercial hosted payload space by governments around the world.

We all know that hosted payloads are not new, and we have seen how international governments have successfully used a commercial model to provide benefits for their own civil and military space needs. However, it was only two years ago that President Obama issued his National Space Policy which asked agencies to “actively explore the use of inventive, nontraditional arrangements for acquiring space goods and services to meet United States Government requirements.” And while we couldn’t have said it better ourselves, the reality of navigating the uncharted territory of government procurement guidelines and meeting the needs of government space missions is not without its challenges.

However, as has been the case since we founded HPA, the industry as a whole has been carefully sharing notes to ensure that the process to help develop strong and robust public-private partnerships for U.S. space missions continues to improve and evolve.

Last month, HPA presented the Hosted Payload Forum at Satellite 2012. This series of dynamic panel sessions demonstrated the importance of hosted payloads in a full day of exploring the issues with authorities from around the world and a highly engaged audience. The discussion of hosted payloads was not limited to the HP Forum either—Secretary of the US Air Force, Michael Donley discussed the significance of hosted payloads in his address to the Satellite Industry Association. It is clear that hosted payloads will continue to be at the forefront of the conversation.

In a matter of weeks, a number of us will convene at the National Space Symposium in Colorado Springs for what will be a great week to learn about many of the issues that affect our industry. Of particular interest to HPA will be our panel discussion that compares and contrasts the challenges and solutions that have been developed to facilitate growth in hosted payloads both in the U.S. and abroad. Our panel will feature guest speakers representing national and international groups that have successfully executed hosted payload missions.

Moderated by Lance Lord, USAF General (Retired), we expect our panelists to have a robust discussion on “inventive” arrangements and other ways we can continue to effectively apply commercial solutions to meet government needs. We hope you can join us for the discussion and will be sure to share what we learn in our next issue.

Until then, thank you for your support.

[Back to top.](#)

HPA at the National Space Symposium

Join HPA for the panel session “Hitching a Ride – All About Hosted Payloads,” at 8:30 a.m. at the International Center: Main Stage on Wednesday, April 18.

Hosted payloads are not a new idea, and governments around the world – including Australia, the European Union, Japan, Spain and the U.S.– have found ways to leverage the commercial space industry to meet their public sector needs. The purpose of this panel is to compare and contrast the challenges and solutions that various government and industry leaders have overcome in order to promote the use of commercially hosted payloads. Panelists will discuss inventive arrangements that leverage commercial space systems, capacities and practices to broaden scientific exploration, civil navigation and affordable, resilient capabilities for our coalition warfighters.

Nearly two years ago, the President of the United States published the National Space Policy calling for departments and agencies to “actively explore the use of inventive, nontraditional arrangements for acquiring commercial space goods and services to meet United States Government requirements.” International Governments have been successful in using the commercial model to provide benefits to civil and military space for many years. What can we learn from each other?

Moderator: Lance Lord, *USAF General, Retired*

Panelists:

- Philippe Sivac, Deputy Program Manager for the European Space Agency’s Large Platform Program
- Akos Hegyi, Head of EDRS Services, Astrium Services
- Lt. Gen. Ellen M. Pawlikowski, *USAF*, Commander, Space and Missile Systems Center
- Brian Arnold, Lt Gen (ret), Raytheon
- Dr. James Reuther, Director for Game Changing Technologies and Crosscutting Capability Demonstrations
- Arnold Friedman, Senior Vice President, Space Systems/Loral

Learn more about the [National Space Symposium](#). Read the [HPA press release](#) about this session.

[Back to top.](#)

Inaugural Hosted Payload Forum

On March 12, HPA presented the inaugural Hosted Payload Forum at Satellite 2012. The HP Forum consisted of five diverse panel sessions exploring a broad range of critical issues such as CHIRP, non-traditional acquisition initiatives and joint capability procurement methods. The panels also featured expert speakers from both the public and private sectors who offered their insights on the benefits of hosted government payloads on commercial satellites. Read more in the [HPA press release](#).



David Cavossa, VP and General Manager, Government Solutions at Harris Caprock, addresses the audience during the session "Joint Capability Procurement via Hosted Payloads". Also pictured (from left to right), HPA Board Member Don Brown; Major General Tim McOwan, DSC, CSM, Head – Australian Defence Staff, Australian Defence Force; Patricia Gamble, Deputy for International Affairs, Office of the US Assistant Secretary of Defense, Networks and Information Integration; and Vince Squitieri, Navy Communications and GPS Navigation Program Manager. Photo courtesy of HPA.



CAPT. Jack Nicholson (Ret), MUOS, fields a question during the session "50 Years of Hosting Payloads – Lessons Learned from the Largest Purveyors of Space." Also pictured (from left to right), HPA Treasurer Robert Cleave; Bob Caffrey, NASA-GSFC; Kyle Schmackpfeffer, Director, Commercial and Responsive Systems, ITT Exelis Geospatial Systems; and RayMing Chang, Advanced Capabilities Program Manager, GPS III. Photo courtesy of Mr. Laurent Thomasson, Astrium Satellites.

[Back to top.](#)

Welcome to New HPA Executive Member Northrup Grumman



Robert Burke, HPA Board Member
Northrup Grumman

Important Dates

National Space Symposium

April 16 – 19, 2012, Colorado Springs, CO USA

- On April 17, HPA Board Member Clayton Mowry will participate in the panel “Launch Providers, Propulsion Partners and the Way to Space”
- On April 18, Hosted Payload Session: Hosting Government Payloads on Commercial Satellites - International Experiences and Lessons Learned

Reinventing Space 2012

May 7 – 11, 2012, Los Angeles, CA, USA

HPA Board Member Jim Mitchell’s paper, “Governments Turn to Hosted Payloads for Cost Savings & Risk Sharing,” has been selected as an alternate presentation. Check with [HPA Headquarters Staff](#) for updates.

HPA Hosted Payload Workshop with NASA

To be determined

HPO/HPA Hosted Payload Forum at Space and Missile System Center

To be determined

HPA Annual Business Meeting at [SATCON](#)

November 15, 2012

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