Committee on Science, Space, and Technology
U.S. House of Representatives
Witness Disclosure Requirement - "Truth in Testimony"
Required by House Rule XI, Clause 2(g)(5)

1. **Your Name:** Nicole Robinson		
2. **Are you testifying on behalf of the Federal, or a State or local government entity?**	**Yes**	**No** ✓
3. **Are you testifying on behalf of an entity that is not a government entity?**	**Yes** ✓	**No**
4. **Other than yourself, please list which entity or entities you are representing:** The Hosted Payload Alliance		
5. **Please list any Federal grants, cooperative agreements, or contracts (including subgrants or subcontracts) that you or the entity you represent have received on or after October 1, 2012:** None		
6. **Please list any foreign government payments that you or the entity you represent have received on or after October 1, 2012:** None		
7. **If your answer to the question in item 3 in this form is "yes," please describe your position or representational capacity with the entity(ies) you are representing:** Chair, The Hosted Payload Alliance		
8. **If your answer to the question in item 3 is "yes," do any of the entities disclosed in item 4 have parent organizations, subsidiaries, or partnerships that you are not representing in your testimony?**	**Yes** ✓	**No**
9. **If the answer to the question in item 3 is "yes," please list any Federal grants, cooperative agreements, or contracts (including subgrants or subcontracts) that were received by the entities listed under the question in item 4 on or after October 1, 2012, that exceed 10 percent of the revenue of the entities in the year received, including the source and amount of each grant or contract to be listed:** I have attached a summary document that catalogs the history of Hosted Payloads as reported by the HPA membership. Any omissions are accidental.		

I certify that the above information is true and correct.

Signature: Nicole Robinson **Date:** 5/15/15

Enclosure 4

False Statements Act Certification

You are specifically advised that providing false information to this Committee/Subcommittee, or concealing material information from this Committee/Subcommittee, is a crime, and you can be punished for that. If you acknowledge this, please sign the bottom of this form and return to the Committee. This form will be made part of the hearing record.

Nicole Malinowski

Witness signature

5/15/15

Date

Data as of May 2015. Based on information from hostedpayload.com and updated by HPA members.

Hosted Payload Case Study	Year Flown	Payload Type	Sponsor	Operator	Manufacturer	Spacecraft	End of life	GEO, LEO, MEO
Marisat	1976	Communications	Navy	Comsat General Intelsat	Hughes Aircraft Company	Marisat-F1, Marisat-F2, Marisat-F3		GEO
Ku-band demonstrator	1980s	Communications demo	Canadian Govt	Telesat	Intelsat Astrium	Anik B		GEO
LEASAT	1984-1990	Communications	Navy	HCI PanAmSat Intelsat	Hughes Aircraft Company	LEASAT 1, LEASAT 2, LEASAT 3, LEASAT 4, LEASAT 5		
WAAS - Wide Area Augmentation System	1996	Navigation	FAA	Inmarsat	EADS Astrium	POR		
WAAS - Wide Area Augmentation System	1997	Navigation	FAA	Inmarsat		AOR-W		
X-ray imager on solar array yoke	2000	Imager	NASA/MSFC	NOAA	SSL	GOES 11/L	Ended	GEO
X-ray imager on solar array yoke	2001	Imager	NASA/MSFC	NOAA	SSL	GOES 12/M		GEO
Ka-band demonstrator	2002	Communications demo	U.S. DTH & Canadian Govt	Telesat	Lockheed Martin	Nimiq-2		GEO
Ka-band, X-band & UHF	2003	Communications	Australian Defence Force	Singtel Optus	SSL	Optus C1	In service	GEO
Cell Saver Demonstration	2004	Demo		Loral Skynet	SSL	Telstar-14		GEO
Thermal Coating Experiment	2004	Demo		Loral Skynet	SSL	Telstar-14		GEO
Radiation Dosimeter	2004	Sensor		Loral Skynet	SSL	Telstar-14		GEO
Onboard processor for Ka-band	2004	Demo	CSA	Telesat	Boeing	Anik F2		

Data as of May 2015. Based on information from hostedpayload.com and updated by HPA members.

Hosted Payload Case Study	Year Flown	Payload Type	Sponsor	Operator	Manufacturer	Spacecraft	End of life	GEO, LEO, MEO
Meteorological Imager & Air Traffic Control	2005	Imager	Japanese Govt	MLIT /Japan Civil Aviation Bureau &Meteorological Agency	SSL	MTSAT-1R		
WAAS/GCCS	2005	Navigation	FAA	PanAmSat/Intelsat Lockheed Martin	Orbital	Galaxy 15		
Military relay terminals	2006	Communications	South Korea					
AIS demo	2008	Receiver demo	Coast Guard	Orbcomm	Orbital Sciences/Polyot/OHB	Orbcomm C3		
AIS operational	2008	Receiver	Orbcomm	Orbcomm	Orbital Sciences/Polyot/OHB	6 Orbcomm spacecraft		
CCD camera (DISH Earth Camera)	2008	Camera	EchoStar	EchoStar	SSL	EchoStar XI	HPL decommisioned in 2012 as planned	GEO
IRIS -internet router in space	2009	Router	Stratcom	Intelsat	SSL	Intelsat 14	In service	GEO
Commercially Hosted Infrared Payload (CHIRP)	2011	Wide field-of-view infrared sensor	USAF SMC	SES	Orbital Sciences (satellite), SAIC (sensor)	SES-2	Ended	
AIS Operational	2011	Receiver	exactEarth	exactEarth	COM DEV	ResourceSat-2	In service	LEO

Data as of May 2015. Based on information from hostedpayload.com and updated by HPA members.

Hosted Payload Case Study	Year Flown	Payload Type	Sponsor	Operator	Manufacturer	Spacecraft	End of life	GEO, LEO, MEO
UHF Payload	2012	Communications	Australian Defence Force	Intelsat	Boeing	Intelsat 22		
EGNOS - European GPS Navigation Overlay System	2012 and 2014	Navigation	ESA, EC and Eurocontrol	SES	SSL	SES-5 (first EGNOS), ASTRA 5B (second EGNOS - Jan 2014)	In service	GEO
X-Band Military Communications Payload	2013	Communications		Telesat	SSL	Anik G1	In service	GEO
AIS Operational	2014 planned	Receiver	exactEarth	exactEarth	COM DEV	PAZ	In service	LEO
Aireon ADS-B Receiver	Constellation of 72 to be launched 2015-2017	Communications (Signal Receiver)	Aireon LLC	Iridium Communications	Harris	Iridium NEXT (manufactured by Thales)	Scheduled for 15-yr life	LEO
NAIS - Nationwide Automatic Identification System			US Coast Guard	Orbcomm				
WAAS - Wide Area Augmentation System	Launch 2015		FAA	Eutelsat		Eutelsat 117 West B (formerly Satmex 9)		
GOLD-Global-scale Observations of the Limb and Disk	Launch 2017		NASA	SES		SES-14		
WAAS - Wide Area Augmentation System	Launch 2017		FAA	SES		SES-15		