

**Secretariat**Distr.: General  
11 August 2014

Original: English

---

**Committee on the Peaceful  
Uses of Outer Space****Information furnished in conformity with the Convention  
on Registration of Objects Launched into Outer Space****Note verbale dated 4 June 2014 from the Permanent Mission  
of Lithuania to the United Nations addressed to the  
Secretary-General**

The Permanent Mission of Lithuania to the United Nations, in accordance with General Assembly resolution 1721 B (XVI) of 20 December 1961, article IV of the Convention on Registration of Objects Launched into Outer Space (resolution 3235 (XXIX), annex) and resolution 62/101 of 17 December 2007, has the honour to transmit information concerning the first Lithuanian space objects LitSat-1 and LituanicaSat-1, which were launched on 28 February 2014 (see annex).



## Annex

### Registration data on space objects launched by Lithuania\*

#### LitSat-1

##### Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Committee on Space Research international designator:	1998-067EP
Name of the space object:	LitSat-1
National designator/registration number:	The national registry has not yet been established
State of registry:	Lithuania
Other launching States:	United States of America
Date and territory or location of the launch	
Date of the launch:	28 February 2014 at 0730 hrs UTC
Territory or location of the launch:	International Space Station (ISS)
Basic orbital parameters	
Nodal period:	92.83 minutes
Inclination:	51.65 degrees
Apogee:	422 kilometres
Perigee:	417 kilometres
General function of the space object:	Testing of the functioning of general satellite systems (power supply, radio communications, solar batteries), testing of the Global Positioning System/Global Navigation Satellite System receiver in space, testing of the linear radio transponder and collection of satellite attitude data.
Date of decay/re-entry/de-orbit:	28 September 2014 at 0730 hrs

---

\* The information was submitted using the form prepared pursuant to General Assembly resolution 62/101 and has been reformatted by the Secretariat.

### **Additional voluntary information for use in the Register of Objects Launched into Outer Space**

Date when space object is no longer functional:	28 September 2014 at 0730 hrs
Physical conditions when space object is moved to a disposal orbit:	Satellite re-entry into the Earth's atmosphere and destruction in the atmosphere
Website:	www.litsat1.eu
Space object owner or operator:	Lithuanian Space Association and Kaunas University of Technology
Other information:	On 9 January 2014 at 1.07 p.m. Eastern Standard Time, the spacecraft Cygnus Orb-1, carrying LitSat-1 to ISS, was launched from Wallops Island, Virginia, United States. LitSat-1 was deployed from ISS on 28 February at 0730 hours UTC by astronaut Koichi Wakata (amateur radio call-sign "KC5ZTA").

### **LituanicaSat-1**

#### **Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space**

Committee on Space Research international designator:	1998-067EN
Name of the space object:	LituanicaSat-1
National designator/registration number:	The national registry has not yet been established
State of registry:	Lithuania
Other launching States:	United States of America
Date and territory or location of the launch	
Date of the launch:	28 February 2014 at 0730 hrs UTC
Territory or location of the launch:	International Space Station
Basic orbital parameters	
Nodal period:	92.85 minutes
Inclination:	51.65 degrees
Apogee:	423 kilometres
Perigee:	418 kilometres

General function of the space object: Technology demonstrations developed on the Arduino open-source electronics prototyping platform to collect Earth images from space, test solar cells for future satellites and test an FM voice repeater to extend radio communication distances.

**Additional voluntary information for use in the Register of Objects Launched into Outer Space**

Website: [www.kosmonautai.lt/en/satellite](http://www.kosmonautai.lt/en/satellite)

Space object owner or operator: Vilnius University and Innovative Engineering Projects, NPO

Other information: On 9 January 2014 at 1.07 p.m. Eastern Standard Time, the spacecraft Cygnus Orb-1, carrying LituaniaSat-1 to ISS, was launched from Wallops Island, Virginia, United States. LituaniaSat-1 was deployed from ISS on 28 February at 0730 hrs UTC by astronaut Koichi Wakata (amateur radio call-sign "KC5ZTA").

---