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

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 LituanicaSat-1 to ISS, was launched from Wallops Island, Virginia, United States. LituanicaSat-1 was deployed from ISS on 28 February at 0730 hrs UTC by astronaut Koichi Wakata (amateur radio call-sign “KC5ZTA”).