



Secretariat

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**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 10 February 2017 from the Permanent Mission
of Peru to the United Nations (Vienna) addressed to the Secretary-
General**

The Permanent Mission of Peru to the United Nations (Vienna), in accordance with article IV of the Convention on Registration of Objects Launched into Outer Space (General Assembly resolution 3235 (XXIX), annex), has the honour to transmit information regarding space objects PUCP-Sat-1, Pocket-PUCP and PeruSat-1 (see annex).



Annex

Registration data on space objects launched by Peru^{*}

PUCP-Sat-1

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

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|--|---|
| Committee on Space Research international designator | 2013-066AC |
| Name of space object | PUCP-Sat-1 |
| National designator/registration number | Peru 001 |
| State of registry | Peru |
| Date and territory or location of launch | 21 November 2013 at 0710 hours 0 seconds UTC Yasny launch base, Russian Federation |
| Basic orbital parameters | |
| Nodal period | 96.6 minutes |
| Inclination | 97.8 degrees |
| Apogee | 607.137 kilometres |
| Perigee | 607.137 kilometres |
| General function of space object | Design, research and development of a satellite Attempt to take low-resolution photographs (640x480 and 320x240 pixels) Testing of the microwheel stabilization system Launch of a femtosatellite (Pocket-PUCP) from PUCP-Sat-1 Very-low-power inter-satellite and Earth-to-satellite connections (10 mW) |
| Date of decay/re-entry/deorbit | 21 March 2025 UTC |

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

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|--------------------------------|---|
| Space object owner or operator | Catholic University of Peru |
| Launch vehicle | Kosmotras Dnepr-1 launch vehicle |
| Other information | On 21 November 2013, the CubeSat PUCP-Sat-1 (2013-066AC) was launched and put into orbit. In turn, that satellite served as a platform for the deployment of the femtosatellite Pocket-PUCP (2013-066AU) on 6 December 2013 (see ST/SG/SER.E.734). |

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

Pocket-PUCP

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

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|--|---|
| Committee on Space Research international designator | 2013-066AU |
| Name of space object | Pocket-PUCP |
| National designator/registration number | Peru 002 |
| State of registry | Peru |
| Date and territory or location of launch | 6 December 2013 at 0711 hours 0 seconds UTC Launched by PUCP-Sat-1, which was, in turn, launched by UniSat-5, launched from Yasny launch base, Russian Federation |
| Basic orbital parameters | |
| Nodal period | 96.6 minutes |
| Inclination | 97.8 degrees |
| Apogee | 607.137 kilometres |
| Perigee | 607.137 kilometres |
| General function of space object | Design, research and development of a satellite Attempt to take low-resolution photographs (640x480 and 320x240 pixels) Testing of the microwheel stabilization system Launch of a femtosatellite (Pocket-PUCP) from PUCP-Sat-1 Very-low-power inter-satellite and Earth-to-satellite connections (10 mW) |
| Date of decay/re-entry/deorbit | 21 July 2022 UTC |

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

| | |
|--------------------------------|---|
| Space object owner or operator | Catholic University of Peru |
| Launch vehicle | Kosmotras Dnepr-1 launch vehicle |
| Other information | On 21 November 2013, the CubeSat PUCP-Sat-1 (2013-066AC) was launched and put into orbit. In turn, that satellite served as a platform for the deployment of the femtosatellite Pocket-PUCP (2013-066AU) on 6 December 2013 (see ST/SG/SER.E.734). |

PeruSat-1**Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space**

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|--|--|
| Committee on Space Research international designator | 2016-058A |
| Name of space object | PeruSat-1 |
| National designator/registration number | Peru 003 |
| State of registry | Peru |
| Date and territory or location of launch | 16 September 2016 at 0143 hours 35 seconds UTC Centre spatial guyanais, Kourou, French Guiana |
| Basic orbital parameters | |
| Nodal period | 98.786 minutes |
| Inclination | 98.1995 degrees |
| Apogee | 727.252 kilometres |
| Perigee | 699.889 kilometres |
| General function of space object | Earth observation satellite with a non-geostationary orbit and a very high-resolution optical sensor. Provision of information for all sectors, including the agricultural, fishing and forestry industries; climate, hydrology and oceanography; natural resources and environmental monitoring; mapping, geology, mining and land-use planning; health management, land-use, urban and rural planning; management of natural and man-made disasters, earthquakes, floods, fires or tsunamis; national security; environment and natural resources, climate studies and studies on global atmospheric change; oil and gas exploration; sea-level warning and monitoring in relation to the El Niño phenomenon; and culture. |
| Date of decay/re-entry/deorbit | 16 September 2026 UTC |

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

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|--------------------------------|---|
| Space object owner or operator | Peruvian Space Agency |
| Launch vehicle | Vega (European Space Agency, Avio SpA, Arianespace) |