United Nations ST/sg/ser.e/682



Distr.: General 23 August 2013

Original: English

Committee on the Peaceful Uses of Outer Space

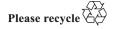
Information furnished in conformity with the Convention on Registration of Objects Launched into Outer Space

Note verbale dated 23 July 2013 from the Permanent Mission of Germany to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of Germany 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 concerning space objects BEESAT-2, BEESAT-3 and SOMP (see annex).

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Annex

Registration data on space objects launched by Germany*

BEESAT-2

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

Committee on Space Research

international designator: Name of the space object: 2013-015G

Berlin Experimental and Educational Satellite

2 (BEESAT-2)

National designator/registration number: D-R048

State of registry: Germany

Other launching States: Kazakhstan, Russian Federation

Date and territory or location of the

launch

Date of the launch: 19 April 2013 at 1000 hours 00 seconds UTC

Territory or location of the launch: Baikonur Cosmodrome, Kazakhstan

Basic orbital parameters

Nodal period: 96 minutes
Inclination: 64.9 degrees

Apogee: 587 kilometres

Perigee: 559 kilometres

General function of the space object:

1. Technology demonstration of attitude

control aboard pico-satellites

2. Space engineering education

3. Amateur radio

Date of decay/re-entry/de-orbit: 3 June 2022 UTC (prospective)

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

Space object owner or operator: Technical University Berlin

Launch vehicle: Soyuz 2.1a

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

BEESAT-3

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

Name of the space object: Berlin Experimental and Educational Satellite

3 (BEESAT-3)

National designator/registration number: D-R046

State of registry: Germany

Other launching States: Kazakhstan, Russian Federation

Date and territory or location of the

launch

Date of the launch: 19 April 2013 at 1000 hours 00 seconds UTC

Territory or location of the launch: Baikonur Cosmodrome, Kazakhstan

Basic orbital parameters

Nodal period: 96 minutes

Inclination: 64.8791 degrees

Apogee: 580 kilometres

Perigee: 554 kilometres

General function of the space object: The primary objective of the BEESAT-3

mission is the enrichment of space

engineering education at Technical University Berlin with hands-on spacecraft design experience. The secondary mission objective is the on-orbit verification of an S-Band Transmitter for pico- and nano-satellites

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

Website: http://www.raumfahrttechnik.tu-

berlin.de/menue/forschung/aktuelle_projekte/

beesat-3/

Space object owner or operator: Technical University Berlin

Launch vehicle: Soyuz 2.1a

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SOMP

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

Name of the space object: Students Oxygen Measurement Project

(SOMP)

National designator/registration number: D-R047

State of registry: Germany

Other launching States: Kazakhstan, Russian Federation

Date and territory or location of the

launch

Date of the launch: 19 April 2013 at 1000 hours 00 seconds UTC

Territory or location of the launch: Baikonur Cosmodrome, Kazakhstan

Basic orbital parameters

Nodal period: 96 minutes
Inclination: 64.8 degrees

Apogee: 575.93 kilometres
Perigee: 542.21 kilometres

General function of the space object: Pico-satellite for education of engineering

students and amateur radio satellite

Date of decay/re-entry/de-orbit: 27 April 2032 UTC (prospective)

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

Space object owner or operator: Space Systems, Institute for Aerospace

Engineering, Technical University

Dresden

Launch vehicle: Soyuz 2.1a

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