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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

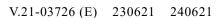
Note verbale dated 3 May 2021 from the Permanent Mission of Germany to the United Nations (Vienna) addressed to the Secretary-General

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 launched by Germany (see annex).

¹ The data on the space object referenced in the annex were entered into the Register of Objects Launched into Outer Space on 18 May 2021.









Annex

Registration data on space objects launched by Germany*

Berlin Experimental and Education Satellite 5 (BEESAT-5)

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

Committee on Space Research

international designator

2021-022[*]

Name of space object Berlin Experimental and Education Satellite 5

(BEESAT-5)

National designator/registration

number

D-R086

State of registry Germany

Other launching States Argentina, Brazil, Canada, Hungary, Israel, Italy,

Japan, Kazakhstan, Netherlands, Republic of Korea, Russian Federation, Saudi Arabia, Slovakia, Spain, Thailand, Tunisia, United Arab Emirates and United Kingdom of Great Britain and Northern

Ireland

Date and territory or location of launch 22 March 2021 at 0607 hours 12 seconds UTC;

Baikonur Cosmodrome, Kazakhstan

Basic orbital parameters

Nodal period 95.38 minutes
Inclination 97.57 degrees
Apogee 568 kilometres
Perigee 545 kilometres

General functions of space object The satellite serves the purposes of technology

demonstration, student education and amateur radio

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

Space object owner or operator Technical University Berlin

Website www.space.tu-berlin.de

Launch vehicle Soyuz 2.1a/Fregat

Other information The space object is expected to re-enter in 10 years

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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.

Berlin Experimental and Education Satellite 6 (BEESAT-6)

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

Committee on Space Research

international designator

2021-022[*]

Name of space object Berlin Experimental and Education Satellite 6

(BEESAT-6)

National designator/registration

number

D-R087

State of registry Germany

Other launching States Argentina, Brazil, Canada, Hungary, Israel, Italy,

Japan, Kazakhstan, Netherlands, Republic of Korea, Russian Federation, Saudi Arabia, Slovakia, Spain, Thailand, Tunisia, United Arab Emirates and

United Kingdom

Date and territory or location of launch 22 March 2021 at 0607 hours 12 seconds UTC;

Baikonur Cosmodrome, Kazakhstan

Basic orbital parameters

Nodal period 95.38 minutes
Inclination 97.57 degrees
Apogee 568 kilometres
Perigee 545 kilometres

General functions of space object

The satellite serves the purposes of technology

demonstration, student education and amateur radio

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

Space object owner or operator Technical University Berlin

Website www.space.tu-berlin.de

Launch vehicle Soyuz 2.1a/Fregat

Other information The space object is expected to re-enter in 10 years

Berlin Experimental and Education Satellite 7 (BEESAT-7)

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

Committee on Space Research

international designator

2021-022[*]

Name of space object Berlin Experimental and Education Satellite 7

(BEESAT-7)

National designator/registration

number

D-R088

State of registry Germany

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Other launching States Argentina, Brazil, Canada, Hungary, Israel, Italy,

Japan, Kazakhstan, Netherlands, Republic of Korea, Russian Federation, Saudi Arabia, Slovakia, Spain, Thailand, Tunisia, United Arab Emirates and

United Kingdom

Date and territory or location of launch 22 March 2021 at 0607 hours 12 seconds UTC;

Baikonur Cosmodrome, Kazakhstan

Basic orbital parameters

Nodal period 95.38 minutes
Inclination 97.57 degrees
Apogee 568 kilometres
Perigee 545 kilometres

General functions of space object

The satellite serves the purposes of technology

demonstration, student education and amateur radio

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

Space object owner or operator Technical University Berlin

Website www.space.tu-berlin.de

Launch vehicle Soyuz 2.1a/Fregat

Other information The space object is expected to re-enter in 10 years

Berlin Experimental and Education Satellite 8 (BEESAT-8)

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

Committee on Space Research

international designator

2021-022[*]

Name of space object Berlin Experimental and Education Satellite 8

(BEESAT-8)

National designator/registration

number

D-R089

State of registry Germany

Other launching States Argentina, Brazil, Canada, Hungary, Israel, Italy,

Japan, Kazakhstan, Netherlands, Republic of Korea, Russian Federation, Saudi Arabia, Slovakia, Spain, Thailand, Tunisia, United Arab Emirates and

United Kingdom

Date and territory or location of launch 22 March 2021 at 0607 hours 12 seconds UTC;

Baikonur Cosmodrome, Kazakhstan

Basic orbital parameters

Nodal period 95.38 minutes
Inclination 97.57 degrees
Apogee 568 kilometres
Perigee 545 kilometres

General functions of space object The satellite serves the purposes of technology

demonstration, student education and amateur radio

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

Space object owner or operator Technical University Berlin
Website www.space.tu-berlin.de

Launch vehicle Soyuz 2.1a/Fregat

Other information The space object is expected to re-enter in 10 years

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