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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

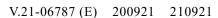
Note verbale dated 31 August 2021 from the Permanent Mission of Germany to the United Nations (Vienna) addressed to the Secretary-General

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 a space object launched by Germany (see annex).

<sup>&</sup>lt;sup>1</sup> The data on the space object referenced in the annex were entered into the Register of Objects Launched into Outer Space on 3 September 2021.









### Annex

## Registration data on a space object launched by Germany\*

#### **TUBIN**

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

Committee on Space Research

international designator

2021-059X

Name of space object TUBIN

National designator/registration

number

D-R090

State of registry Germany

Other launching States Argentina, Australia, Belgium, Bulgaria, Finland,

Italy, Kuwait, Luxembourg, Mexico, Rwanda, Spain, Switzerland, Thailand, United Arab Emirates, United Kingdom of Great Britain and Northern Ireland and United States of America

Date and territory or location of launch 30 June 2021 at 1931 hours 0 seconds UTC;

Cape Canaveral, Florida, United States

Basic orbital parameters

Nodal period 95.1 minutes
Inclination 97.44 degrees
Apogee 540 kilometres
Perigee 526 kilometres

General function of space object Satellite is for the demonstration of an infrared

payload for remote sensing of vegetation fires

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

Space object owner or operator Technical University Berlin

Website www.raumfahrttechnik.tu-berlin.de/menue/

forschung/aktuelle projekte/tubin/parameter/en/

Launch vehicle Falcon 9

Other information The year in which the space object is expected to no

longer be functional is 2022

**2/2** V.21-06787

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