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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 23 February 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).<sup>1</sup>

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<sup>1</sup> The data on the space objects referenced in the annex were entered into the Register of Objects Launched into Outer Space on 3 March 2021.



## Annex

### Registration data on space objects launched by Germany<sup>2</sup>

#### MOVE-IIB

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

Committee on Space Research international designator	2019-038N
Name of space object	MOVE-IIB
National designator/registration number	D-R078
State of registry	Germany
Other launching States	Czechia, Ecuador, Estonia, Finland, France, Israel, Russian Federation, Sweden, Thailand, United Kingdom of Great Britain and Northern Ireland and United States of America
Date and territory or location of launch	5 July 2019 at 0541 hours 46 seconds UTC; Vostochny Cosmodrome, Russian Federation
Basic orbital parameters	
Nodal period	95.26 minutes
Inclination	97.49 degrees
Apogee	550 kilometres
Perigee	512 kilometres
General functions of space object	University nanosatellite for educational purposes and technology demonstration. Satellite can send telemetry and receive commands. The goal of this project is to provide a flexible platform for scientific missions including all components necessary to successfully operate scientific payloads in low Earth orbit and beyond for at least six months. MOVE-IIB is a nearly exact copy of MOVE-II, which was launched in July 2019 with a Soyuz rocket

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

Space object owner or operator	Institute of Astronautics, Technical University of Munich
Website	<a href="http://www.move2space.de/missions/move-iib/">www.move2space.de/missions/move-iib/</a>
Launch vehicle	Soyuz 2.1b Fregat-M
Other information	Other MOVE (Munich Orbital Verification Experiment) missions: First-MOVE and MOVE-II. MOVE is a student group at the Technical University of Munich for satellite development. The project is funded by the German Aerospace Center (DLR)

<sup>2</sup> The information was submitted using the form prepared pursuant to General Assembly resolution 62/101 and has been reformatted by the Secretariat.

## European Data Relay Satellite C (EDRS-C)

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

Committee on Space Research international designator	2019-049A
Name of space object	European Data Relay Satellite C (EDRS-C)
National designator/registration number	D-R079
State of registry	Germany
Other launching States	France, Luxembourg, United Kingdom and European Space Agency
Date and territory or location of launch	6 August 2019 at 1930 hours 7 seconds UTC; French Guiana
Basic orbital parameters	
Nodal period	1,436 minutes
Inclination	0 degrees
Apogee	38,786 kilometres
Perigee	38,786 kilometres
General functions of space object	EDRS-C is one component of the European data relay system. Its two telecommunications payloads in geostationary orbit will enable broadband, bi-directional data relay between low Earth orbit satellites and an associated ground segment via either of the EDRS payloads

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

Geostationary position	31.19 degrees East
Space object owner or operator	Airbus Defence and Space GmbH
Website	<a href="http://www.airbus.com/space/telecommunications-satellites/space-data-highway.html">www.airbus.com/space/telecommunications-satellites/space-data-highway.html</a>
Launch vehicle	Ariane-5 ECA
Other information	EDRS-C is a telecommunications satellite consisting of the EDRS-C payload, the hosted payload Hylas3 from Avanti, and the hosted payload from ESA called Next Generation Radiation Monitoring