



**Secretariat**

Distr.: General  
3 September 2020

Original: English

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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 August 2020 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 additional 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 19 August 2020.



## Annex

### **Additional information on space objects previously registered by Germany\***

#### **RapidEye-1**

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

Committee on Space Research international designator	2008-040C
Name of space object	RapidEye-1
National designator/registration number	D-R034
Registration document	ST/SG/SER.E/569

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

Change of status in operations	
Date when space object was no longer functional	27 April 2020 UTC
Date when space object was moved to a disposal orbit	February 2019–April 2020 UTC
Physical conditions when space object was moved to a disposal orbit	Passivated (power switches turned off, control loops and onboard software terminated, fuel consumed)
Other information	The spacecraft ceased imaging operations on 26 March 2020. Orbital manoeuvres to lower the orbital altitude were conducted, starting in February 2019 and lasting until April 2020, thereby consuming the remaining fuel. Additional passivation measures (turning off all power switches, terminating control loops and on-board software) were taken on 27 April 2020 and were verified by reviewing real-time telemetry. It is currently estimated that uncontrolled re-entry will occur in less than 20 years.

#### **RapidEye-2**

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

Committee on Space Research international designator	2008-040A
Name of space object	RapidEye-2
National designator/registration number	D-R035
Registration document	ST/SG/SER.E/569

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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.

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

#### **Change of status in operations**

Date when space object was no longer functional	24 April 2020 UTC
Date when space object was moved to a disposal orbit	February 2019–April 2020 UTC
Physical conditions when space object was moved to a disposal orbit	Passivated (power switches turned off, control loops and onboard software terminated, fuel consumed)

#### **Other information**

The spacecraft ceased imaging operations on 26 March 2020. Orbital manoeuvres to lower the orbital altitude were conducted, starting in February 2019 and lasting until April 2020, thereby consuming the remaining fuel. Additional passivation measures (turning off all power switches, terminating control loops and on-board software) were taken on 24 April 2020 and were verified by reviewing real-time telemetry. It is currently estimated that uncontrolled re-entry will occur in less than 20 years.

## **RapidEye-3**

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

Committee on Space Research international designator	2008-040D
Name of space object	RapidEye-3
National designator/registration number	D-R036
Registration document	ST/SG/SER.E/569

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

#### **Change of status in operations**

Date when space object was no longer functional	23 April 2020 UTC
Date when space object was moved to a disposal orbit	February 2019–April 2020 UTC
Physical conditions when space object was moved to a disposal orbit	Passivated (power switches turned off, control loops and onboard software terminated, fuel consumed)

#### **Other information**

The spacecraft ceased imaging operations on 26 March 2020. Orbital manoeuvres to lower the orbital altitude were conducted, starting in February 2019 and lasting until April 2020, thereby consuming the remaining fuel. Additional passivation measures (turning off all power switches, terminating control loops and onboard software) were taken on 23 April 2020 and were verified by reviewing real-time

telemetry. It is currently estimated that uncontrolled re-entry will occur in less than 20 years.

## **RapidEye-4**

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

Committee on Space Research international designator	2008-040E
Name of space object	RapidEye-4
National designator/registration number	D-R037
Registration document	ST/SG/SER.E/569

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

#### Change of status in operations

Date when space object was no longer functional	21 April 2020
Date when space object was moved to a disposal orbit	February 2019–April 2020
Physical conditions when space object was moved to a disposal orbit	Passivated (power switches turned off, control loops and onboard software terminated, fuel consumed)

#### Other information

The spacecraft ceased imaging operations on 26 March 2020. Orbital manoeuvres to lower the orbital altitude were conducted, starting in February 2019 and lasting until April 2020, thereby consuming the remaining fuel. Additional passivation measures (turning off all power switches, terminating control loops and on-board software) were taken on 21 April 2020 and were verified by reviewing real-time telemetry. It is currently estimated that uncontrolled re-entry will occur in less than 20 years.

## **RapidEye-5**

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

Committee on Space Research international designator	2008-040B
Name of space object	RapidEye-5
National designator/registration number	D-R038
Registration document	ST/SG/SER.E/569

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

### Change of status in operations

Date when space object was no longer functional	17 April 2020
Date when space object was moved to a disposal orbit	February 2019–April 2020
Physical conditions when space object was moved to a disposal orbit	Passivated (power switches turned off, control loops and onboard software terminated, fuel consumed)

### Other information

The spacecraft ceased imaging operations on 26 March 2020. Orbital manoeuvres to lower the orbital altitude were conducted, starting in February 2019 and lasting until April 2020, thereby consuming the remaining fuel. Additional passivation measures (turning off all power switches, terminating control loops and on-board software) were taken on 17 April 2020 and were verified by reviewing real-time telemetry. It is currently estimated that uncontrolled re-entry will occur in less than 20 years.