



**Secretariat**

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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 26 November 2015 from the Permanent  
Mission of the United Kingdom of Great Britain and Northern  
Ireland to the United Nations (Vienna) addressed to the  
Secretary-General**

The Permanent Mission of the United Kingdom of Great Britain and Northern Ireland 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 on space object DeorbitSail (see annex).



## Annex

### **Registration data on a space object launched by the United Kingdom of Great Britain and Northern Ireland\***

#### **DeorbitSail**

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

Committee on Space Research international designator	2015-032E
Name of space object	DeorbitSail
State of registry	United Kingdom of Great Britain and Northern Ireland
Other launching States	India
National designator/registration number used by the State of registry	40719
Date and territory or location of launch	10 July 2015 at 1628 hours UTC Satish Dhawan Space Centre, Sriharikota, India
Basic orbital parameters	
Nodal period	97.63 minutes
Inclination	98.039 degrees
Apogee	657 kilometres
Perigee	635 kilometres
General function of space object	The DeorbitSail project is a collaboration to build a 3U CubeSat-sized satellite with a deployable sail that will demonstrate rapid deorbiting. The deorbiting capability of the DeorbitSail satellite is due to increased aerodynamic drag from the large surface area of the deployed sail in a low-Earth orbit. Under our proposed concept, the satellite will return to the Earth and burn up in the atmosphere over time as its altitude reduces. The project is funded by the Seventh Framework Programme for Research and Technological Development of the European Commission, known as FP7

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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**

Website: [www.surrey.ac.uk/ssc/research/space\\_vehicle\\_control](http://www.surrey.ac.uk/ssc/research/space_vehicle_control)

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