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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 22 October 2013 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 Quetzsat-1 (international designator 2011-054A), Sirius-5 (international designator 2012-036A), HYLAS-2 (international designator 2012-043B), Skynet 5D (international designator 2012-075A), STRaND-1 (international designator 2013-009E) and Alphasat (international designator 2013-038A) (see annex I), as well as supplementary information on BNSCSat1 (international designator 2003-042D) (see annex II).

The Permanent Mission of the United Kingdom has the further honour to request that the United Kingdom be removed as the State of registry for space object SES-1 (international designator 2010-016A), previously registered in document ST/SG/SER.E/618. The United States of America has registered SES-1 in ST/SG/SER.E/650 and is the State of registry for that space object.



## Annex I

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

#### **Quetzsat-1**

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

Committee on Space Research international designator:	2011-054A
Name of space object:	Quetzsat-1
National designator/registration number:	37826
State of registry:	United Kingdom
Date and territory or location of launch	
Date of launch:	29 September 2011 UTC
Territory or location of launch:	Baikonur Cosmodrome, Kazakhstan
Basic orbital parameters	
Nodal period:	1,435.8-1,436.4 minutes
Inclination:	0.05 degrees
Apogee:	35,820 kilometres
Perigee:	35,752 kilometres
General function of space object:	Commercial telecommunications

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

Geostationary position:	-77 degrees East
Space object owner or operator:	Operator: company incorporated in Luxembourg
Other information:	The United Kingdom authorized the launch only. The operation of the satellite is the responsibility of a Luxembourg company

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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.

## Sirius-5 (SES-5)

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

Committee on Space Research international designator:	2012-036A
Name of space object:	Sirius-5 (SES-5)
National designator/registration number:	38652
State of registry:	United Kingdom
Date and territory or location of launch	
Date of launch:	9 July 2012 UTC
Territory or location of launch:	Baikonur Cosmodrome, Kazakhstan
Basic orbital parameters	
Nodal period:	1,435.8-1,436.4 minutes
Inclination:	0.10 degrees
Apogee:	35,820 kilometres
Perigee:	35,752 kilometres
General function of space object:	Commercial telecommunications

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

Geostationary position:	+5 degrees East
Space object owner or operator:	Operator: company incorporated in Luxembourg
Other information:	The United Kingdom authorized the launch only. The operation of the satellite is the responsibility of a Luxembourg company

## **HYLAS-2**

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

Committee on Space Research international designator:	2012-043B
Name of space object:	HYLAS-2
National designator/registration number:	38741
State of registry:	United Kingdom
Date and territory or location of launch	
Date of launch:	2 August 2012 UTC
Territory or location of launch:	Guiana Space Centre, Kourou, French Guiana
Basic orbital parameters	
Nodal period:	1,436.1 minutes
Inclination:	0.0 degrees
Apogee:	35,803.9 kilometres
Perigee:	35,784.2 kilometres
General function of space object:	HYLAS-2 carries fixed and steerable Ka-band transponders and is designed to provide broadband data communications to Europe, Africa, the Middle East and West and South Asia

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

Geostationary position:	+31.0 degrees East
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## Skynet 5D

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

Committee on Space Research international designator:	2012-075A
Name of space object:	Skynet 5D
National designator/registration number:	39034
State of registry:	United Kingdom
Date and territory or location of launch	
Date of launch:	19 December 2012 UTC
Territory or location of launch:	Guiana Space Centre, Kourou, French Guiana
Basic orbital parameters	
Nodal period:	1,436.1 minutes
Inclination:	0.1 degrees
Apogee:	35,802.0 kilometres
Perigee:	35,773.3 kilometres
General function of space object:	Skynet 5D provides secure military communications capability at super-high frequency and ultra-high frequency to British armed forces and friendly nations

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

Geostationary position:	+53 degrees East
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## **STRaND-1**

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

Committee on Space Research international designator:	2013-009E
Name of space object:	STRaND-1
National designator/registration number:	39090
State of registry:	United Kingdom
Date and territory or location of launch	
Date of launch:	25 February 2013 UTC
Territory or location of launch:	Shriharikota, India
Basic orbital parameters	
Nodal period:	100.4 minutes
Inclination:	98.6 degrees
Apogee:	783 kilometres
Perigee:	771 kilometres
General function of space object:	Outreach, education and technology demonstration

## **Alphasat**

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

Committee on Space Research international designator:	2013-038A
Name of space object:	Alphasat
National designator/registration number:	39215
State of registry:	United Kingdom
Date and territory or location of launch	
Date of launch:	25 July 2013 1954 hours UTC
Territory or location of launch:	Guiana Space Centre, Kourou, French Guiana
Basic orbital parameters	
Nodal period:	23 hours 56 minutes

Inclination:	Currently 0 degrees but will increase to 3.0 degrees
Apogee:	35,786 kilometres
Perigee:	35,786 kilometres
General function of space object:	Communications satellite

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

Geostationary position:	+24.85 degrees East
Space object owner or operator:	Inmarsat Global Ltd.
Launch vehicle:	Ariane 5 ECA

## Annex II

### **Additional information, including change of status, on a space object previously registered by the United Kingdom of Great Britain and Northern Ireland\***

#### **BNSCSat1 (UK-DMC)**

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

Committee on Space Research international designator:	2003-042D
Name of space object:	BNSCSat1 (UK-DMC)
National designator/registration number:	27942
State of registry:	United Kingdom
Registration document symbol:	ST/SG/SER.E/441
Date and territory or location of launch	
Date of launch:	27 September 2003 UTC
Date of decay/re-entry/deorbit:	November 2011

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

Date when space object is no longer functional:	November 2011
Physical conditions when space object is moved to a disposal orbit:	BNSCSat1 reached its end of life in November 2011 and is no longer active. Dry mass is approximately 85.4 kg. De-orbit from end of life in the range of 65-110 years

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