

UK Registry of Outer Space Objects

To comply with international obligations, section 61 of the Space Industry Act 2018 and section 7 of the Outer Space Act 1986

CAP 2207

Published by the Civil Aviation Authority, 2025

Civil Aviation Authority
Aviation House
Beehive Ring Road
Crawley
West Sussex
RH6 0YR

May 2025

Published to comply with international obligations, section 61 of the Space Industry Act 2018 and section 7 of the Outer Space Act 1986.

For any enquiries regarding this publication, please contact:

The Licensing and Monitoring team: commercialspaceflight@caa.co.uk

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Introduction

The UK is a signatory to several United Nations (UN) treaties governing the use of outer space including the Convention on the Registration of Space Objects 1976 ('Registration Convention').

One of the purposes of the Registration Convention is to ensure that a central registry of objects launched into outer space is established and maintained by the Secretary-General of the UN. As such, when a space object is launched, the Registration Convention requires the 'launching State' to notify the UN. The Convention defines the 'launching State' to mean either the State from whose territory the object was launched or the State which procured its launch (or whose nationals did).

The UN keeps information provided by member states relating to their space activity on its website. Furthermore, the Registration Convention requires the UK to maintain its own Registry of Space Objects, and this is also embodied in Section 7 of the Outer Space Act 1986 (OSA) and Section 61 of the Space Industry Act 2018.(SIA)

The OSA and SIA ensure that there is transparency in the UK's space activity by stating that any person is able to inspect the Registry. As such, the UK Civil Aviation Authority maintains this Registry on its website

There are also situations where the UK is not the 'launching State' for a particular object but

has issued an OSA or SIA licence. This would include circumstances where there are joint launching States and it is decided that the other state will register the space object with the UN. These objects are included in the Supplementary Space Objects Registry which is also maintained on the CAA's website.

United Nations Office for Outer Space Affairs website:

<http://www.oosa.unvienna.org/oosa/en/SORegister/index.html>

UK Civil Aviation Authority website:

<https://www.caa.co.uk>

Glossary of Terms

Apogee

The point on the orbit where the space object is furthest from the Earth.

Catalogue Number

The North American Aerospace Defense Command (NORAD) catalogue number is made up of five digits. It is unique to each space object and allows for tracking by NORAD. This system has been used since the first satellite was launched in 1957.

Designation

This is the designation assigned by the Committee on Space Research (COSPAR) to each space object launched. This number remains constant and reflects the year of the launch and the sequence of launch within that year. The inclusion of a letter, for example, 'A' indicates that the object was the first satellite catalogued from that launch.

Geostationary orbit

A geosynchronous orbit with an inclination of zero degrees and one in which the object is synchronised with the Earth's rotation. The space object will appear to remain fixed above one particular point on the Earth's equator. In geostationary orbit the space object is positioned approximately 35,900 km above the Earth.

Geostationary Transfer Orbit (GTO)

An elliptical orbit used to transfer a space object from low Earth orbit to geostationary/geosynchronous orbit.

Geosynchronous orbit

A prograde, circular, low inclination orbit about the Earth having a period of 23 hours 56 minutes 4 seconds. A space object in such an orbit is tilted with respect to the plane of the equator. This means that the space object will remain over the same line of longitude but will wander up and down in latitude.

Inclination

The angular distance of the orbital plane from the Earth's equator, stated in degrees.

Low Earth Orbit (LEO)

A space object in low Earth orbit is positioned between 160 km and 2,000 km above the Earth.

Medium Earth Orbit (MEO)

A space object that orbits the Earth below geostationary orbit and above low Earth orbit.

Nodal period

The time it takes a space object to travel once from ascending node to ascending node. The ascending node is the point at which an orbit crosses the ecliptic plane going north. The descending node is the point at which an orbit crosses the ecliptic plane going south.

Orbital Position

The longitude position around the geostationary orbit. The space objects are all approximately fixed in the sky above the equator.

Perigee

The point on the orbit where the object is nearest to the Earth.

SKYNET-1A

Owner/Operator

Ministry of Defence, Main Building, Whitehall, London, SW1A 2HB

Date of launch

22 November 1969

Location of launch

Cape Canaveral, USA

Designation

1969-101A

Catalogue Number

4250

Nodal period

1,435.13 minutes

Inclination

1.56 degrees

Apogee

35,784 km

Perigee

35,794 km

Orbital position

Not applicable

General Function

Military communications

Notified to the UN

1 January 1990

Disposed or decayed

Lifetime estimate (unit decay) > 1 million years

Disposal Notified to the UN

6 December 1969

Accepted onto UK Register of Space

6 December 1989

Licence issued under the Outer Space Act 1986

Not applicable

Additional information

Non-operational/not re-orbited. Now appears to be caught at 105 W stable point.

PROSPERO (Formerly X3)

Owner/Operator

Ministry of Defence, Main Building, Whitehall, London, SW1A 2HB

Date of launch

28 October 1971

Location of launch

Woomera, Australia

Designation

1971-093A

Catalogue Number

5580

Nodal period

106.53 minutes

Inclination

82.06 degrees

Apogee

1,582 km

Perigee

547 km

Orbital position

Not available

General Function

Technology satellite

Notified to the UN

3 November 1971

Disposed or decayed

Estimated lifetime (to decay) 150 years

Disposal Notified to the UN

Not available

Accepted onto UK Register of Space

7 August 1992

Licence issued under the Outer Space Act 1986

Not available

Additional information

Non-operational.

BLACK ARROW (Rocket Booster)

Owner/Operator

Ministry of Defence, Main Building, Whitehall, London, SW1A 2HB

Date of launch

28 October 1971,

Location of launch

Woomera, Australia

Designation

1971-093B

Catalogue Number

5581

Nodal period

103.8 minutes

Inclination

82 degrees

Apogee

7,722.5 km

Perigee

6,907.4 km

Orbital position

Not Available

General Function

Rocket body from launch of Prospero (Cat. No: 5580)

Notified to the UN

Not Available

Disposed or decayed

Not Available

Disposal Notified to the UN

Not Available

Accepted onto UK Register of Space

7 August 1992

Licence issued under the Outer Space Act 1986

Not Available

Additional information

Non-operational

MIRANDA (Formerly UK X4)

Owner/Operator

Ministry of Defence, Main Building, Whitehall, London, SW1A 2HB

Date of launch

9 March 1974

Location of launch

Vandenberg Air Force Base, USA

Designation

1974-13A

Catalogue Number

7213

Nodal period

101.2 minutes

Inclination

97.81 degrees

Apogee

916 km

Perigee

714 km

Orbital position

Not Available

General Function

Spacecraft Technology

Notified to the UN

12 April 1974

Disposed or decayed

Lifetime estimate 60 years

Disposal Notified to the UN

Not Available

Accepted onto UK Register of Space

29 March 1974

Licence issued under the Outer Space Act 1986

Not Available

Additional information

Non-operational.

ARIEL V (Formerly UK5)

Owner/Operator

Science and Engineering Research Council, Polaris House, North Star Avenue, Swindon, SN21ET

Date of launch

15 October 1974

Location of launch

San Marco Equatorial Range, Kenya

Designation

1974-077A

Catalogue Number

7471

Nodal period

94.96 minutes

Inclination

2.88 degrees

Apogee

549 km

Perigee

504 km

Orbital position

Not Available

General Function

Cosmic X-ray astronomy

Notified to the UN

7 November 1974

Disposed or decayed

Decayed 14 March 1980

Disposal Notified to the UN

21 February 1990

Accepted onto UK Register of Space

28 October 1974

Licence issued under the Outer Space Act 1986

Not Available

Additional information

Notified the UN on 21 February 1990 that the satellite had decayed and was no longer in Earth orbit.

SKYNET-2B

Owner/Operator

Ministry of Defence, Main Building, Whitehall, London, SW1A 2HB

Date of launch

23 November 1974

Location of launch

Cape Canaveral, USA

Designation

1974-094A

Catalogue Number

7547

Nodal period

1,469.5 minutes

Inclination

1.9 degrees

Apogee

35,794 km

Perigee

35,784 km

Orbital position

Not Available

General Function

Military Communications

Notified to the UN

Not Available

Disposed or decayed

Lifetime estimate > 1 million years

Disposal Notified to the UN

Not Available

Accepted onto UK Register of Space

6 December 1989

Licence issued under the Outer Space Act 1986

Not Available

Additional information

Uncontrolled/not re-orbited

.

ARIEL VI (Formerly UK6)

Owner/Operator

Science and Engineering Research Council, Polaris House, North Star Avenue, Swindon, SN21ET

Date of launch

2 June 1979

Location of launch

Wallops Island, USA

Designation

1979-47A

Catalogue Number

11382

Nodal period

97.21 minutes

Inclination

55.03 degrees

Apogee

654 km

Perigee

600 km

Orbital position

Not available

General Function

Detection of heavy cosmic particles and X-ray astronomy

Notified to the UN

10 October 1979

Disposed or decayed

Decayed 23 September 1990

Disposal Notified to the UN

13 September 1979

Accepted onto UK Register of Space

10 October 1979

Licence issued under the Outer Space Act 1986

Not Available

Additional information

Non-operational.

UOSAT-1 (OSCAR 9)

Owner/Operator

University of Surrey, Dept. of Electronic & Electrical Engineering, Guildford, Surrey, GU2 5XH

Date of launch

6 October 1981

Location of launch

Vandenberg Space Force Base, United States of America

Designation

1981-100B

Catalogue Number

12888

Nodal period

95.46 minutes

Inclination

97.46 degrees

Apogee

541 km

Perigee

538 km

Orbital position

Not Available

General Function

Communications and geophysics research

Notified to the UN

9 August 1985

Disposed or decayed

Decayed 13 October 1989

Disposal Notified to the UN

8 December 1989

Accepted onto UK Register of Space

4 July 1985

Licence issued under the Outer Space Act 1986

Not available

Additional information

Notified the UN on 8 December 1989 that the satellite had decayed and was no longer in Earth orbit

.

UOSAT 2 (Oscar 11)

Owner/Operator

University of Surrey, Dept. of Electronic & Electrical Engineering, Guildford, Surrey, GU2 5XH

Date of launch

1 March 1984

Location of launch

Vandenberg Space Force Base, United States Of America

Designation

1984-21B

Catalogue Number

14781

Nodal period

97.33 minutes

Inclination

98.20 degrees

Apogee

635 km

Perigee

621 km

Orbital position

Not Available

General Function

Communications and geophysics research

Notified to the UN

1 January 1990

Disposed or decayed

Lifetime estimate 80 years

Disposal Notified to the UN

Not Available

Accepted onto UK Register of Space

4 July 1985

Licence issued under the Outer Space Act 1986

31 January 1990

Additional information

Non-Operational

AMPTE (UKS 1)

Owner/Operator

Science and Engineering Research Council, Polaris House, North Star Avenue, Swindon, SN21ET

Date of launch

16 August 1984

Location of launch

Cape Canaveral, USA

Designation

1984-088C

Catalogue Number

15201

Nodal period

2,653.9 minutes

Inclination

28.68 degrees

Apogee

113,729 km

Perigee

552 km

Orbital position

Not Available

General Function

Magnetosphere research satellite

Notified to the UN

9 August 1985

Disposed or decayed

Decayed 8 December 1988

Disposal Notified to the UN

21 February 1990

Accepted onto UK Register of Space

4 July 1985

Licence issued under the Outer Space Act 1986

Not available

Additional information

UN notified on 21 February 1990 that the satellite had decayed and was no longer in Earth orbit (8th December)

.

SKYNET-4B

Owner/Operator

Ministry of Defence, Main Building, Whitehall, London, SW1A2HB

Date of launch

11 December 1988

Location of launch

CSG Kourou, French Guiana

Designation

1988-109A

Catalogue Number

19687

Nodal period

1,436 originally, now 1,444 minutes

Inclination

3 degrees

Apogee

35,796 km

Perigee

35,778 km

Orbital position

Not Available

General Function

Military Communications

Notified to the UN

1 January 1990

Disposed or decayed

Lifetime estimate (unit decay) >1 million years

Disposal Notified to the UN

Not available

Accepted onto UK Register of Space

6 December 1989

Licence issued under the Outer Space Act 1986

Not available

Additional information

Re-orbited above geostationary ring in June 1998. Now approximately 150 km above GEO.

SKYNET-4A

Owner/Operator

Ministry of Defence, Main Building, Whitehall, London, SW1A2HB

Date of launch

1 January 1990

Location of launch

Cape Canaveral, USA

Designation

1990-001A

Catalogue Number

20401

Nodal period

1,427.6 Minutes

Inclination

3.34 Degrees

Apogee

35,492 km

Perigee

35,784 km

Orbital position

340 W

General Function

Military Communications

Notified to the UN

12 April 1990

Disposed or decayed

Lifetime estimate > 1 million years

Disposal Notified to the UN

Not Available

Accepted onto UK Register of Space

4 April 1990

Licence issued under the Outer Space Act 1986

Not Available

Additional information

Operations Licence issued to Paradigm on 29 May 2003. Placed in supersynchronous orbit on 20 June 2005, its height above GEO was measured to be 417km (apogee) and 307km (perigee).

UOSAT 3 - OSCAR 14

Owner/Operator

University of Surrey, Dept. of Electronic & Electrical Engineering, Guildford, Surrey, GU2 5XH

Date of launch

22 January 1990

Location of launch

CSG Kourou, French Guiana

Designation

1990-005F

Catalogue Number

20437

Nodal period

100.6 minutes

Inclination

98.22 degrees

Apogee

792 km

Perigee

776 km

Orbital position

Not Available

General Function

Demonstration of store and forward communications with extensive radiation monitoring experiments.

Notified to the UN

Not Available

Disposed or decayed

Lifetime estimate is 300 years

Disposal Notified to the UN

Not Available

Accepted onto UK Register of Space

4 April 1990

Licence issued under the Outer Space Act 1986

5 January 1990

Additional information

Deactivated 11 November 2003.

UOSAT 4 - OSCAR 15

Owner/Operator

University of Surrey, Dept. of Electronic & Electrical Engineering, Guildford, Surrey, GU2 5XH

Date of launch

22 January 1990

Location of launch

CSG Kourou, French Guiana

Designation

1990-005G

Catalogue Number

20438

Nodal period

100.8 Minutes

Inclination

98.72 degrees

Apogee

805 Km

Perigee

787 km

Orbital position

Not available

General Function

Technology demonstration mission carrying solar cell experiments

Notified to the UN

12 April 1990

Disposed or decayed

Lifetime estimate is 300 years

Disposal Notified to the UN

Not available

Accepted onto UK Register of Space

4 April 1990

Licence issued under the Outer Space Act 1986

5 January 1990

Additional information

Inactive

SKYNET - 4C

Owner/Operator

Babcock Integrated Technology Limited, 33 Wigmore Street, London, W1Q 1QX

Date of launch

30 August 1990

Location of launch

CSG Kourou, French Guiana

Designation

1990-079A

Catalogue Number

20776

Nodal period

1,436.219 minutes

Inclination

13.221 degrees

Apogee

35,804.951 km

Perigee

35,773.044 km

Orbital position

-33.4°E

General Function

UK military communications satellite

Notified to the UN

23 July 1991

Disposed or decayed

Lifetime estimate (unit decay) > 1 million years

Disposal Notified to the UN

Not Available

Accepted onto UK Register of Space

5 June 1991

Licence issued under the Outer Space Act 1986

Not Available

Additional information

Operations Licence issued to Paradigm on 29 May 2003. Licence transferred to Airbus Defence and Space Limited on 1 January 2015. Licence transferred and issued under the Space Industry Act 2018 on 28 February 2024 to Babcock Integrated Technology Limited.

UOSAT-5

Owner/Operator

Surrey Satellite Technology Ltd, Senate House, University of Surrey, Guildford, Surrey, GU25XH

Date of launch

17 July 1991

Location of launch

CSG Kourou, French Guiana

Designation

1991-050B

Catalogue Number

21575

Nodal period

100.3 Minutes

Inclination

98.32 degrees

Apogee

762 km

Perigee

752 km

Orbital position

Not Available

General Function

Engineering Research

Notified to the UN

7 January 1992

Disposed or decayed

Not available

Disposal Notified to the UN

Not available

Accepted onto UK Register of Space

18 July 1991

Licence issued under the Outer Space Act 1986

3 May 1991

Additional information

Deactivated 18 August 2004

STRV-1A

Owner/Operator

Ministry of Defence, Main Building, Whitehall, London, SW1A 2HB

Date of launch

17 June 1994

Location of launch

CSG Kourou, French Guiana

Designation

1992-034B

Catalogue Number

23125

Nodal period

527 Minutes

Inclination

7.03 degrees

Apogee

35,836 km

Perigee

277 km

Orbital position

Not Available

General Function

Technology Research

Notified to the UN

19 October 2000

Disposed or decayed

Not available

Disposal Notified to the UN

Not available

Accepted onto UK Register of Space

Not Available

Licence issued under the Outer Space Act 1986

Not Available

Additional information

Not available

STRV-1B

Owner/Operator

Ministry of Defence, Main Building, Whitehall, London, SW1A 2HB

Date of launch

17 June 1994

Location of launch

CSG Kourou, French Guiana

Designation

1994-034C

Catalogue Number

23126

Nodal period

511 Minutes

Inclination

7.02 degrees

Apogee

35,887 km

Perigee

285 km

Orbital position

Not available

General Function

Technology research

Notified to the UN

19 October 2000

Disposed or decayed

Not available

Disposal Notified to the UN

Not available

Accepted onto UK Register of Space

Not available

Licence issued under the Outer Space Act 1986

Not available

Additional information

Not available

ORION-1

Owner/Operator

British Aerospace Space Systems Ltd

Date of launch

29 November 1994

Location of launch

Cape Canaveral, USA

Designation

1994-079A

Catalogue Number

23413

Nodal period

1436 minutes

Inclination

0.06 degrees

Apogee

35,801 km

Perigee

35,775 km

Orbital position

Not available

General Function

Direct broadcast satellite

Notified to the UN

19 October 2000

Disposed or decayed

Not available

Disposal Notified to the UN

Not available

Accepted onto UK Register of Space

12 December 1994

Licence issued under the Outer Space Act 1986

1 June 1994

Additional information

ORION-1 is now TELESTAR 11 and has been operated by Loral Skynet since October 1997. NASA's original launch notification of this satellite said that it was German.

SKYNET-4D

Owner/Operator

Ministry of Defence, Main Building, Whitehall, London, SW1A 2HB

Date of launch

10 January 1998

Location of launch

Cape Canaveral, USA

Designation

1998-002A

Catalogue Number

25134

Nodal period

1,436 Minutes

Inclination

4.12 degrees

Apogee

35,813 km

Perigee

35760 km

Orbital position

340 W

General Function

Military Communications

Notified to the UN

19 October 2000

Disposed or decayed

Not available

Disposal Notified to the UN

Not available

Accepted onto UK Register of Space

27 May 1998

Licence issued under the Outer Space Act 1986

29 May 2003

Additional information

Licence issued to Matra Marconi Space UK Ltd on 12 August 1997 to procure the launch of, and subsequently operate, the satellite. Title and operational control of SKYNET 4D transferred to the UK Ministry of Defence on 20 May 1998. Operation Licence issued to Paradigm on 29 May 2003. Placed in a super-synchronous orbit 28 Jan 2008, its height above GEO was measured to be 315km (apogee) and 296km (perigee).

SKYNET- 4E

Owner/Operator

Babcock Integrated Technology Limited, 33 Wigmore Street, London, W1Q 1QX

Date of launch

26 February 1999

Location of launch

CSG Kourou, French Guiana

Designation

1999-009B

Catalogue Number

25639

Nodal period

1,436.172 minutes

Inclination

11.474 degrees

Apogee

35,800.822 km

Perigee

35,775.329 km

Orbital position

1.2W (previous orbital position: 6°E)

General Function

Military Communications

Notified to the UN

19 October 2000

Disposed or decayed

Lifetime estimate (unit decay) > 1 million years

Disposal Notified to the UN

Not Available

Accepted onto UK Register of Space

27 May 1998

Licence issued under the Outer Space Act 1986

29 May 2003

Additional information

Licence issued to Matra Marconi Space UK Ltd on 20th May 1998 to procure the launch of, and subsequently operate, the satellite. Technical transfer to Ministry of Defence on 7 July 1999. Operation Licence issued to Paradigm on 29 May 2003. Operations licence transferred to Airbus Defence and Space Limited on 1 January 2015. Licence transferred and issued under the Space Industry Act 2018 on 28 February 2024 to Babcock Integrated Technology Limited.

UOSAT-12

Owner/Operator

Surrey Satellite Technology Ltd, University of Surrey, Guildford, Surrey, GU2 5XH

Date of launch

24 April 1999

Location of launch

Baikonur, Kazakhstan

Designation

1999-021A

Catalogue Number

25693

Nodal period

97.51 minutes

Inclination

64.56 degrees

Apogee

662 km

Perigee

614 km

Orbital position

Not Available

General Function

Engineering and technology research

Notified to the UN

19 October 2000

Disposed or decayed

Not available

Disposal Notified to the UN

Not available

Accepted onto UK Register of Space

30 April

Licence issued under the Outer Space Act 1986

19 April 1999

Additional information

Deactivated 21 September 2003

SNAP-1

Owner/Operator

Surrey Satellite Technology Ltd, University of Surrey, Guildford, Surrey, GU2 5XH

Date of launch

28 June 2000

Location of launch

Plesetsk, Russia

Designation

2000-033C

Catalogue Number

26386

Nodal period

98.3 minutes

Inclination

98.42 degrees

Apogee

682 km

Perigee

667 km

Orbital position

Not available

General Function

Research spacecraft for evaluating the use of commercial micro-miniature technologies for highly advanced, yet tiny, satellites.

Notified to the UN

19 October 2000

Disposed or decayed

Not available

Disposal Notified to the UN

Not available

Accepted onto UK Register of Space

3 August 2000

Licence issued under the Outer Space Act 1986

26 June 2000

Additional information

Deactivate 30 March 2002

EUROPE*STAR 1

Owner/Operator

Europe*Star Ltd, 5 New Square, Bedfont Lakes, Feltham, Middlesex, TW14 8HA

Date of launch

29 October 2000

Location of launch

CSG Kourou, French Guiana

Designation

2000-068A

Catalogue Number

26590

Nodal period

24 hours

Inclination

0 degrees (plus or minus 0.1)

Apogee

35,796 km

Perigee

35,776 km

Orbital position

45° E (plus or minus 0.1)

General Function

Telecommunications

Notified to the UN

16 March 2001

Disposed or decayed

31 October 2021

Disposal Notified to the UN

20 December 2021

Accepted onto UK Register of Space

16 March 2001

Licence issued under the Outer Space Act 1986

Not available

Additional information

Europe*Star 1 has been operated by PanAmSat Satellite Europe Ltd since 23 October 2005. Renamed Intelsat-12 (IS-12) on 1 February 2007. Moved to 64.25E March 2019. Reached end of life October 2021

STRV 1C

Owner/Operator

Space Dept, Arthur C. Clarke Building, DERA Farnborough, Hampshire, GU14 0LX

Date of launch

16 November 2000

Location of launch

CSG Kourou, French Guiana

Designation

2000-072C

Catalogue Number

26610

Nodal period

11 hours 47 minutes

Inclination

6.463 degrees

Apogee

39,274 km

Perigee

578 km

Orbital position

GTO

General Function

Scientific Research and Technology Demonstration

Notified to the UN

15 December 2000

Disposed or decayed

Not Available

Disposal Notified to the UN

Not available

Accepted onto UK Register of Space

15 December 2000

Licence issued under the Outer Space Act 1986

Not available

Additional information

DERA now QinetiQ. Non-operational, the satellite suffered onboard failures c. 2 weeks after launch.

STRV-1D

Owner/Operator

Space Dept, Arthur C. Clarke Building, DERA Farnborough, Hampshire, GU14 0LX

Date of launch

16 November 2000

Location of launch

CSG Kourou, French Guiana

Designation

2000-072D

Catalogue Number

26611

Nodal period

11 hours 48 minutes

Inclination

6.451 degrees

Apogee

39,293 km

Perigee

580 km

Orbital position

GTO

General Function

Scientific Research and Technology Demonstration

Notified to the UN

15 December 2000

Disposed or decayed

Not available

Disposal Notified to the UN

Not available

Accepted onto UK Register of Space

15 December 2000

Licence issued under the Outer Space Act 1986

Not available

Additional information

DERA now QinetiQ. Non-operational, the satellite suffered onboard failures c. 2 weeks after launch.

SKYNET-4F

Owner/Operator

Airbus Defence and Space Ltd, Gunnels Wood Road, Stevenage, Hertfordshire, SG1 2AS

Date of launch

7 February 2001

Location of launch

CSG Kourou, French Guiana

Designation

2001-005B

Catalogue Number

26695

Nodal period

1,436.005 minutes

Inclination

7.781 degrees

Apogee

35,796.433 km

Perigee

35,773.160 km

Orbital position

-34° E

General Function

Military telecommunication services

Notified to the UN

28 September 2001

Disposed or decayed

Not available

Disposal Notified to the UN

Not available

Accepted onto UK Register of Space

27 September 2001

Licence issued under the Outer Space Act 1986

29 May 2003

Additional information

Licence issued to Astrium on 2 February 2001 to procure the launch of, and subsequently operate, the Skynet-4F satellite. Operation Licence issued to Paradigm on 29 May 2003. Operations licence transferred to Airbus Defence and Space Limited on 1 January 2015. Moved to graveyard orbit October 2019.

BNSCSAT (UK-DMC)

Owner/Operator

Surrey Satellite Technology Ltd, University of Surrey, Guildford, Surrey, GU2 5XH

Date of launch

27 September 2003

Location of launch

Plesetsk, Russia

Designation

2003-042D

Catalogue Number

27942

Nodal period

98.44 minutes

Inclination

98.07 degrees

Apogee

688 km

Perigee

674 km

Orbital position

Not Available

General Function

Disaster monitoring

Notified to the UN

7 January 2004

Disposed or decayed

Reached its end of life in November 2011 and is no longer active. Dry mass approx: 85.4 kg.
De-orbit from end of life in the range of 65 – 110 years.

Disposal Notified to the UN

22 October 2013

Accepted onto UK Register of Space

27 September 2003

Licence issued under the Outer Space Act 1986

27 September 2003

Additional information

Confusion over designation at time of launch. Appears on UNOOSA register as 27943 (2003-042E) as does Turkish satellite BILSAT-1. US Space Track gives catalogue number and designation as 27942 (2003-042D).

INMARSAT 4-F1

Owner/Operator

Inmarsat Ltd, 99 City Road, London, EC1Y 1AX

Date of launch

11 March 2005

Location of launch

Cape Canaveral, USA

Designation

2005-009A

Catalogue Number

28628

Nodal period

1,436 minutes

Inclination

3 degrees

Apogee

35,786 km

Perigee

35,786 km

Orbital position

143.5 E

General Function

Telecommunications

Notified to the UN

15 June 2007

Disposed or decayed

Not Available

Disposal Notified to the UN

Not Available

Accepted onto UK Register of Space

11 March 2005

Licence issued under the Outer Space Act 1986

4 march 2005

Additional information

Active North/South and East/West station keeping. Inclination at beginning of life is given above and is decreasing, but will eventually increase back to 3 degrees. Relocated from 143.6E to 178E in January 2024.

TOPSAT

Owner/Operator

Qinetiq Ltd, 85 Buckingham Gate, London, SW1E 6PD

Date of launch

27 October 2005

Location of launch

Plesetsk, Russia

Designation

2005-043B

Catalogue Number

28891

Nodal period

98.6 minutes

Inclination

98.2 degrees

Apogee

707 km

Perigee

681 km

Orbital position

Not available

General Function

Earth imaging

Notified to the UN

15 June 2007

Disposed or decayed

Not available

Disposal Notified to the UN

Not available

Accepted onto UK Register of Space

11 October 2005

Licence issued under the Outer Space Act 1986

11 October 2005

Additional information

Not available

INMARSAT 4-F2

Owner/Operator

Inmarsat Global Ltd, 99 City Road, London, EC1Y 1AX

Date of launch

8 November 2005

Location of launch

Sea Launch vessel, Western Pacific Ocean

Designation

2005-044A

Catalogue Number

28899

Nodal period

1,436 minutes

Inclination

3 degrees

Apogee

35,786 km

Perigee

35,786 km

Orbital position

25.1 E

General Function

Telecommunications

Notified to the UN

15 June 2007

Disposed or decayed

Not Available

Disposal Notified to the UN

Not Available

Accepted onto UK Register of Space

24 October 2005

Licence issued under the Outer Space Act 1986

24 October 2005

Additional information

Active North/South and East/West station keeping. Inclination at beginning of life is given above and is decreasing, but will eventually increase back to 3 degrees. I4-F2 has moved orbital position to 63.9 E, UN notified 12 February 2016. Relocated from 63.9E to 143.15E, UN Notified 18th February 2024.

SKYNET -5A

Owner/Operator

Babcock Integrated Technology Limited, 33 Wigmore Street, London, W1Q 1QX

Date of launch

11 March 2007

Location of launch

CSG Kourou, French Guiana

Designation

2007-007B

Catalogue Number

30794

Nodal period

1,436.149 minutes

Inclination

0.000 degrees

Apogee

35,802.775 km

Perigee

35,772.460 km

Orbital position

95.2E

General Function

Military telecommunications

Notified to the UN

15 June 2007

Disposed or decayed

Not available

Disposal Notified to the UN

Not available

Accepted onto UK Register of Space

2 March 2007

Licence issued under the Outer Space Act 1986

2 March 2007

Additional information

OSA licence issued to Paradigm Secure Communications Ltd on 2 March 2007. Licence transferred to Airbus Defence and Space Ltd on 1 January 2015. Transferred to orbital position 95.2E. Licence transferred and issued under the Space Industry Act 2018 on 28 February 2024 to Babcock Integrated Technology Limited.

SKYNET-5B

Owner/Operator

Babcock Integrated Technology Limited, 33 Wigmore Street, London, W1Q 1QX

Date of launch

14 November 2007

Location of launch

CSG Kourou, French Guiana

Designation

2007-056B

Catalogue Number

32294

Nodal period

1,436.178 minutes

Inclination

0.000 degrees

Apogee

35,806.398 km

Perigee

35,769.972 km

Orbital position

25 E (previous orbital position: 53 E)

General Function

Military telecommunications

Notified to the UN

6 October 2008

Disposed or decayed

Not available

Disposal Notified to the UN

Not available

Accepted onto UK Register of Space

31 October 2007

Licence issued under the Outer Space Act 1986

31 October 2007

Additional information

OSA licence issued to Paradigm Secure Communications Ltd on 31 October 2007. Licence transferred to Airbus Defence and Space on 1 January 2015. Licence transferred to Babcock Integrated Technology Limited on 28 February 2024.

SKYNET-5C

Owner/Operator

Babcock Integrated Technology Limited, 33 Wigmore Street, London, W1Q 1QX

Date of launch

12 June 2008

Location of launch

CSG Kourou, French Guiana

Designation

2008-030A

Catalogue Number

33055

Nodal period

1436 minutes

Inclination

0.000 degrees

Apogee

35,796.926 km

Perigee

35,774.988 km

Orbital position

17.8W

General Function

Military telecommunications

Notified to the UN

6 October 2008

Disposed or decayed

Not available

Disposal Notified to the UN

Not available

Accepted onto UK Register of Space

12 June 2008

Licence issued under the Outer Space Act 1986

27 May 2008

Additional information

OSA licence issued to Paradigm Secure Communications Ltd on 27 May 2008. Licence transferred to Airbus Defence and Space on 22 December 2014. Licence transferred to Babcock Integrated Technology Limited on 28 February 2024.

SES AMC-21

Owner/Operator

SES Global Satellite Leasing Limited, 15-19 Athol Street, Douglas, Isle of Man, IM1 1LB

Date of launch

14 August 2008

Location of launch

CSG Kourou, French Guiana

Designation

2008-038B

Catalogue Number

33275

Nodal period

23 hours 56 minutes

Inclination

0.02 degrees

Apogee

35,803 km

Perigee

35,770 km

Orbital position

Not known

General Function

Communications

Notified to the UN

Not available

Disposed or decayed

Not available

Disposal Notified to the UN

Not available

Accepted onto UK Register of Space

15 August 2008

Licence issued under the Outer Space Act 1986

23 April 2008

Additional information

Operated by SES Satellites (Gibraltar) Ltd – operation licence issued by Gibraltar Regulatory Authority on 27 September 2006.

INMARSAT-4F3

Owner/Operator

Inmarsat Global Ltd, 99 City Road, London, EC1Y 1AX

Date of launch

18 August 2008

Location of launch

Baikonur, Kazakhstan

Designation

2008-039A

Catalogue Number

33278

Nodal period

1,436 minutes

Inclination

3 degrees

Apogee

35,786 km

Perigee

35,786 km

Orbital position

97.65 W

General Function

Telecommunications

Notified to the UN

6 October 2008

Disposed or decayed

Not available

Disposal Notified to the UN

Not available

Accepted onto UK Register of Space

18 August 2008

Licence issued under the Outer Space Act 1986

10 March 2008

Additional information

Active North/South and East/West station keeping. Inclination at beginning of life is given above and is decreasing, but will eventually increase back to 3 degrees.

NSS-9

Owner/Operator

SES Satellite Leasing Limited, Douglas 15-19 Athol Street, Isle of Man

Date of launch

13 February 2009

Location of launch

Kourou, French Guiana

Designation

2009-008A

Catalogue Number

33749

Nodal period

1436 minutes

Inclination

0.05 degrees

Apogee

35,820 km

Perigee

35,752 km

Orbital position

183 E

General Function

Telecommunications

Notified to the UN

6 August 2009

Disposed or decayed

Not available

Disposal Notified to the UN

Not available

Accepted onto UK Register of Space

29 July 2009

Licence issued under the Outer Space Act 1986

28 January 2009

Additional information

UK authorised launch only – Netherlands has registered in-orbit operation.

UK-DMC-2

Owner/Operator

Surrey Satellite Technology Ltd, Tycho House, 20 Stephenson Road, Surrey Research Park, Guildford, Surrey, GU2 7YE

Date of launch

29 July 2009

Location of launch

Yasny Cosmodrome, Russia

Designation

2009-041C

Catalogue Number

35683

Nodal period

97.43 - 97.9 minutes

Inclination

98.13 degrees

Apogee

681 km

Perigee

618 km

Orbital position

Not available

General Function

Disaster Monitoring

Notified to the UN

6 August 2009

Disposed or decayed

Not available

Disposal Notified to the UN

Not available

Accepted onto UK Register of Space

29 July 2009

Licence issued under the Outer Space Act 1986

24 July 2009

Additional information

Not available

NSS12

Owner/Operator

SES Satellite Leasing Limited, 22-24 Victoria Street, Douglas, Isle of Man

Date of launch

29 October 2009

Location of launch

Kourou, French Guiana

Designation

2009-058A

Catalogue Number

36032

Nodal period

1435.8 - 1436.4 minutes

Inclination

0.05 degrees

Apogee

35,820 km

Perigee

35,752 km

Orbital position

57 E

General Function

Telecommunications

Notified to the UN

17 May 2010

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

May 2010

Licence issued under the Outer Space Act 1986

21 October 2009

Additional information

UK authorised launch only. Netherlands responsible for in-orbit operation.

ASTRA-3B

Owner/Operator

SES Satellite Leasing Limited, First Floor, Belgravia House, 34 - 44 Circular Road, Douglas, Isle of Man, IM1 1AE

Date of launch

21 May 2010

Location of launch

Kourou, French Guiana

Designation

2010-021A

Catalogue Number

36581

Nodal period

1435.8 - 1436.4 minutes

Inclination

0.05 degrees

Apogee

35,820 km

Perigee

35,752 km

Orbital position

23.5 E

General Function

Telecommunications

Notified to the UN

22 March 2011

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

March 2011

Licence issued under the Outer Space Act 1986

12 March 2010

Additional information

UK authorised launch only. Satellite owned and operated by Luxembourg.

HYLAS-1

Owner/Operator

Avanti Communications Group plc, Cobham House, 20 Black Friars Lane, London, EC4V 6EB

Date of launch

26 November 2010

Location of launch

Kourou, French Guiana

Designation

2010-065A

Catalogue Number

37237

Nodal period

24 hours

Inclination

0 degrees

Apogee

GEO circular

Perigee

GEO circular

Orbital position

33.5 W

General Function

Telecommunications

Notified to the UN

22 March 2011

Disposed or decayed

Not Applicable

Disposal Notified to the UN

Not Applicable

Accepted onto UK Register of Space

March 2011

Licence issued under the Outer Space Act 1986

23 November 2010

Additional information

Licence novated to Avanti Hylas 2 Ltd 13 April 2022.

QUETZSAT-1

Owner/Operator

SES Satellite Leasing Limited, First Floor, Belgravia House, 34 - 44 Circular Road, Douglas, Isle of Man, IM1 1AE

Date of launch

29 September 2011

Location of launch

Baikonur, Kazakhstan

Designation

2011-054A

Catalogue Number

37826

Nodal period

1435.8 – 1436.4 minutes

Inclination

0.05 degrees

Apogee

35,820 km

Perigee

35,752 km

Orbital position

77 W

General Function

Commercial Telecommunications

Notified to the UN

22 October 2013

Disposed or decayed

Not Applicable

Disposal Notified to the UN

Not Applicable

Accepted onto UK Register of Space

November 2013

Licence issued under the Outer Space Act 1986

26 September 2011

Additional information

UK authorised the launch only. The operation of the satellite is the responsibility of a Luxembourg company.

SIRIUS 5 (SES-5)

Owner/Operator

SES Satellite Leasing Limited, First Floor, Belgravia House, 34 - 44 Circular Road, Douglas, Isle of Man, IM1 1AE

Date of launch

9 July 2012

Location of launch

Baikonur, Kazakhstan

Designation

2012-036A

Catalogue Number

38652

Nodal period

1435.8 – 1436.4 minutes

Inclination

0.10 degrees

Apogee

35,820 km

Perigee

35,752 km

Orbital position

5 E

General Function

Commercial Telecommunications

Notified to the UN

22 October 2013

Disposed or decayed

Not Applicable

Disposal Notified to the UN

Not Applicable

Accepted onto UK Register of Space

November 2013

Licence issued under the Outer Space Act 1986

11 June 2012

Additional information

UK authorised the launch. Satellite is operated by a company incorporated in Luxembourg.

HYLAS-2

Owner/Operator

Avanti Communications Group plc / Avanti Hylas 2 Ltd, Cobham House, 20 Black Friars Lane, London, EC4V 6EB

Date of launch

2 August 2012

Location of launch

Kourou, French Guiana

Designation

2012-043B

Catalogue Number

38741

Nodal period

1436.1 minutes

Inclination

0.0 degrees

Apogee

35,803.9 km

Perigee

35,784.2 km

Orbital position

31.0 E

General Function

HYLAS-2 carries fixed and steerable Ka-band transponders and is designed to provide broadband data communications to Europe, Africa, Middle East and West/South Asia.

Notified to the UN

22 October 2013

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not available

Accepted onto UK Register of Space

November 2013

Licence issued under the Outer Space Act 1986

30 May 2012

Additional information

Licence novated to Avanti Hylas 2 Ltd 13 April 2022. Relocation from 31E to 142.5E in April 2024.

SKYNET-5D

Owner/Operator

Babcock Integrated Technology Limited, 33 Wigmore Street, London, W1Q 1QX

Date of launch

19 December 2012

Location of launch

Kourou, French Guiana

Designation

2012-075A

Catalogue Number

39034

Nodal period

1,436.258 minutes

Inclination

0.000 degrees

Apogee

35,807.419 km

Perigee

35,772.069 km

Orbital position

53 E

General Function

SKYNET 5D provides secure military communications capability at SHF and UHF to British Armed Forces and friendly nations.

Notified to the UN

22 October 2013

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

November 2013

Licence issued under the Outer Space Act 1986

14 December 2012

Additional information

OSA licence issued to Paradigm Secure Communications Ltd & Paradigm Services Ltd on 14 December 2012. Licence transferred to Airbus Defence and Space on 1 January 2015. Licence transferred to Babcock Integrated Technology Limited on 28 February 2024.

STRaND-1

Owner/Operator

Surrey Satellite Technology Ltd, Tycho House, 20 Stephenson Road, Surrey Research Park, Guildford, Surrey, GU2 7YE

Date of launch

25 February 2013

Location of launch

Sriharikota, India

Designation

2013-009E

Catalogue Number

39090

Nodal period

100.4 minutes

Inclination

98.6 degrees

Apogee

783 km

Perigee

771 km

Orbital position

Not Available

General Function

Outreach, education and technology demonstration

Notified to the UN

22 October 2013

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

November 2013

Licence issued under the Outer Space Act 1986

4 February 2013

Additional information

Not applicable.

O3b M001 (O3b PFM)

Owner/Operator

O3b Limited, 3rd Floor, Anley House, Anley Street, St Helier, Jersey, JE2 3QE

Date of launch

25 June 2013

Location of launch

Kourou, French Guiana

Designation

2013-031D

Catalogue Number

39191

Nodal period

287.93 minutes

Inclination

0.03 degrees

Apogee

8,069 km

Perigee

8,063 km

Orbital position

Not Available

General Function

Communications

Notified to the UN

26 August 2013

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

November 2013

Licence issued under the Outer Space Act 1986

3 May 2013

Additional information

Ownership transferred in April 2025 to Astra (GB) limited, New Derwent House, 69-73 Theobalds Road, London, England, WC1X 8TA.

Ob3 M002 (Ob3 FM2)

Owner/Operator

O3b Limited, 3rd Floor, Anley House, Anley Street, St Helier, Jersey, JE2 3QE

Date of launch

25 June 2013

Location of launch

Kourou, French Guiana

Designation

2013-031C

Catalogue Number

39190

Nodal period

287.93 minutes

Inclination

0.03 degrees

Apogee

8,069 km

Perigee

8,063 km

Orbital position

Not available

General Function

Communications

Notified to the UN

26 August 2013

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

November 2013

Licence issued under the Outer Space Act 1986

3 May 2013

Additional information

Ownership transferred in April 2025 to Astra (GB) limited, New Derwent House, 69-73 Theobalds Road, London, England, WC1X 8TA.

Ob3 M004 (O3b FM4)

Owner/Operator

O3b Limited, 3rd Floor, Anley House, Anley Street, St Helier, Jersey, JE2 3QE

Date of launch

25 June 2013

Location of launch

Kourou, French Guiana

Designation

2013-031C

Catalogue Number

39190

Nodal period

287.93 minutes

Inclination

0.03 degrees

Apogee

8,069 km

Perigee

8,063 km

Orbital position

Not available

General Function

Communications

Notified to the UN

26 August 2013

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

November 2013

Licence issued under the Outer Space Act 1986

3 May 2013

Additional information

Ownership transferred in April 2025 to Astra (GB) limited, New Derwent House, 69-73 Theobalds Road, London, England, WC1X 8TA.

Ob3 M005 (Ob3 FM5)

Owner/Operator

O3b Limited, 3rd Floor, Anley House, Anley Street, St Helier, Jersey, JE2 3QE

Date of launch

25 June 2013

Location of launch

Kourou, French Guiana

Designation

2013-031A

Catalogue Number

39188

Nodal period

287.93 minutes

Inclination

0.03 degrees

Apogee

8,069 km

Perigee

8,063 km

Orbital position

Not available

General Function

Communications

Notified to the UN

26 August 2013

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

November 2013

Licence issued under the Outer Space Act 1986

3 May 2013

Additional information

Ownership transferred in April 2025 to Astra (GB) limited, New Derwent House, 69-73 Theobalds Road, London, England, WC1X 8TA.

ALPHASAT

Owner/Operator

Inmarsat Global Ltd, 99 City Road, London, EC1Y 1AX & Inmarsat Launch Company Ltd, Fort Anne, Douglas, Isle of Man, IM1 5PD

Date of launch

25 July 2013

Location of launch

Kourou, French Guiana

Designation

2013-038A

Catalogue Number

39215

Nodal period

23 hours 56 minutes

Inclination

Currently 0 degrees but will grow to 3.0 degrees

Apogee

35,786 km

Perigee

35,786 km

Orbital position

24.85 E

General Function

Communications satellite

Notified to the UN

22 October 2013

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

November 2013

Licence issued under the Outer Space Act 1986

12 July 2013

Additional information

Not available

INMARSAT 5-F1

Owner/Operator

Inmarsat Global Ltd, 99 City Road, London, EC1Y 1AX

Date of launch

8 December 2013

Location of launch

Baikonur Cosmodrome, Kazakhstan

Designation

2013-073A

Catalogue Number

39476

Nodal period

23 hours 56 minutes

Inclination

<0.05 degrees

Apogee

35,786 km

Perigee

35,786 km

Orbital position

62.6 E

General Function

Communications satellite

Notified to the UN

30 May 2014

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

May 2015

Licence issued under the Outer Space Act 1986

2 December 2013

Additional information

Not available

TechDemoSat-1

Owner/Operator

Surrey Satellite Technology Ltd, Tycho House, 20 Stephenson Road, Surrey Research Park, Guildford, Surrey, GU2 7YE

Date of launch

8 July 2014

Location of launch

Baikonur Cosmodrome, Kazakhstan

Designation

2014-037H

Catalogue Number

40076

Nodal period

97.3 minutes

Inclination

98.4 degrees

Apogee

639.5 km

Perigee

630.7km

Orbital position

Not available

General Function

Technology Demonstration

Notified to the UN

24 October 2014

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

May 2015

Licence issued under the Outer Space Act 1986

2 July 2014

Additional information

Passivated 2021

Ukube-1

Owner/Operator

UK Space Agency, Polaris House, North Star Avenue, Swindon, SN2 1SZ

Date of launch

8 July 2014

Location of launch

Baikonur Cosmodrome, Kazakhstan

Designation

2014-037F

Catalogue Number

40074

Nodal period

97.6 minutes

Inclination

98.4 degrees

Apogee

643 km

Perigee

642 km

Orbital position

Not applicable

General Function

Ukube 1 is the UK Space Agency's pilot cubesat mission, designed to understand the benefits and challenges of a national cubesat programme. The self-funded payloads are from industry and academia, and cover technology demonstration and education/outreach.

Notified to the UN

24 October 2014

Disposed or decayed

December 2018

Disposal Notified to the UN

December 2018

Accepted onto UK Register of Space

May 2015

Licence issued under the Outer Space Act 1986

27 June 2014

Additional information

End of life confirmed December 2018

Ob3 M003 (Ob3 FM3)

Owner/Operator

O3b Limited, 3rd Floor, Anley House, Anley Street, St Helier, Jersey, JE2 3QE

Date of launch

10 July 2014

Location of launch

Kourou, French Guiana

Designation

2014-038A

Catalogue Number

40079

Nodal period

287.92 minutes

Inclination

0.03 degrees

Apogee

8,071 km

Perigee

8,060 km

Orbital position

Not available

General Function

Communications

Notified to the UN

24 July 2014

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not Applicable

Accepted onto UK Register of Space

May 2015

Licence issued under the Outer Space Act 1986

30 August 2013

Additional information

Ownership transferred in April 2025 to Astra (GB) limited, New Derwent House, 69-73 Theobalds Road, London, England, WC1X 8TA.

Ob3 M006 (Ob3 FM6)

Owner/Operator

O3b Limited, 3rd Floor, Anley House, Anley Street, St Helier, Jersey, JE2 3QE

Date of launch

10 July 2014

Location of launch

Kourou, French Guiana

Designation

2014-038C

Catalogue Number

40081

Nodal period

287.92 minutes

Inclination

0.03 degrees

Apogee

8,071 km

Perigee

8,060 km

Orbital position

Not available

General Function

Communications

Notified to the UN

24 July 2014

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

May 2015

Licence issued under the Outer Space Act 1986

30 Aug 2013

Additional information

Ownership transferred in April 2025 to Astra (GB) limited, New Derwent House, 69-73 Theobalds Road, London, England, WC1X 8TA.

Ob3 M007 (Ob3 FM7)

Owner/Operator

O3b Limited, 3rd Floor, Anley House, Anley Street, St Helier, Jersey, JE2 3QE

Date of launch

10 July 2014

Location of launch

Kourou, French Guiana

Designation

2014-038B

Catalogue Number

40080

Nodal period

287.92 minutes

Inclination

0.03 degrees

Apogee

8,071 km

Perigee

8,060 km

Orbital position

Not available

General Function

Communications

Notified to the UN

24 July 2014

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

May 2015

Licence issued under the Outer Space Act 1986

30 August 2013

Additional information

Ownership transferred in April 2025 to Astra (GB) limited, New Derwent House, 69-73 Theobalds Road, London, England, WC1X 8TA.

O3b M008 (Ob3 FM8)

Owner/Operator

O3b Limited, 3rd Floor, Anley House, Anley Street, St Helier, Jersey, JE2 3QE

Date of launch

10 July 2014

Location of launch

Kourou, French Guiana

Designation

2014-038D

Catalogue Number

40082

Nodal period

287.92 minutes

Inclination

0.03 degrees

Apogee

8,071 km

Perigee

8,060 km

Orbital position

Not available

General Function

Communications

Notified to the UN

24 July 2014

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not Applicable

Accepted onto UK Register of Space

May 2015

Licence issued under the Outer Space Act 1986

30 August 2013

Additional information

Ownership transferred in April 2025 to Astra (GB) limited, New Derwent House, 69-73 Theobalds Road, London, England, WC1X 8TA.

O3b M009 (O3b FM9)

Owner/Operator

O3b Limited, 3rd Floor, Anley House, Anley Street, St Helier, Jersey, JE2 3QE

Date of launch

18 December 2014

Location of launch

Kourou, French Guiana

Designation

2014-083D

Catalogue Number

40351

Nodal period

287.9 minutes

Inclination

0.03 degrees

Apogee

8,070 km

Perigee

8,060 km

Orbital position

Not available

General Function

Communications

Notified to the UN

10 February 2015

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

May 2015

Licence issued under the Outer Space Act 1986

9 December 2014

Additional information

Ownership transferred in April 2025 to Astra (GB) limited, New Derwent House, 69-73 Theobalds Road, London, England, WC1X 8TA.

O3b M010 (Ob3 FM10)

Owner/Operator

O3b Limited, 3rd Floor, Anley House, Anley Street, St Helier, Jersey, JE2 3QE

Date of launch

18 December 2014

Location of launch

Kourou, French Guiana

Designation

2014-083A

Catalogue Number

40348

Nodal period

287.9 minutes

Inclination

0.03 degrees

Apogee

8,070 km

Perigee

8,060 km

Orbital position

Not available

General Function

Communications

Notified to the UN

10 February 2015

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

May 2015

Licence issued under the Outer Space Act 1986

9 December 2014

Additional information

Ownership transferred in April 2025 to Astra (GB) limited, New Derwent House, 69-73 Theobalds Road, London, England, WC1X 8TA.

Ob3 M011 (Ob3 FM11)

Owner/Operator

O3b Limited, 3rd Floor, Anley House, Anley Street, St Helier, Jersey, JE2 3QE

Date of launch

18 December 2014

Location of launch

Kourou, French Guiana

Designation

2014-083B

Catalogue Number

40349

Nodal period

287.9 minutes

Inclination

0.03 degrees

Apogee

8,070 km

Perigee

8,060 km

Orbital position

Not available

General Function

Communications

Notified to the UN

10 February 2015

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

May 2015

Licence issued under the Outer Space Act 1986

9 December 2014

Additional information

Ownership transferred in April 2025 to Astra (GB) limited, New Derwent House, 69-73 Theobalds Road, London, England, WC1X 8TA.

Ob3 M012 (Ob3 FM12)

Owner/Operator

O3b Limited, 3rd Floor, Anley House, Anley Street, St Helier, Jersey, JE2 3QE

Date of launch

18 December 2014

Location of launch

Kourou, French Guiana

Designation

2014-083C

Catalogue Number

40350

Nodal period

287.9 minutes

Inclination

0.03 degrees

Apogee

8,070 km

Perigee

8,060 km

Orbital position

Not available

General Function

Communications

Notified to the UN

10 February 2015

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

May 2015

Licence issued under the Outer Space Act 1986

9 December 2014

Additional information

Ownership transferred in April 2025 to Astra (GB) limited, New Derwent House, 69-73 Theobalds Road, London, England, WC1X 8TA.

INMARSAT 5- F2

Owner/Operator

Inmarsat Global Ltd, 99 City Road, London, EC1Y 1AX, UK

Date of launch

1 February 2015

Location of launch

Baikonur Cosmodrome, Kazakhstan

Designation

2015-005A

Catalogue Number

40384

Nodal period

1436 minutes

Inclination

0 +/- 0.5 degrees

Apogee

35,786.2 km

Perigee

35,786.0 km

Orbital position

Not available

General Function

Communications Satellite

Notified to the UN

24 February 2015

Disposed or decayed

Not Applicable

Disposal Notified to the UN

Not Applicable

Accepted onto UK Register of Space

May 2015

Licence issued under the Outer Space Act 1986

21 January 2015

Additional information

Not available.

CARBONITE-1 (CBNT-1)

Owner/Operator

Surrey Satellite Technology Ltd, Tycho House, 20 Stephenson Road, Surrey Research Park, Guildford, Surrey, GU2 7YE

Date of launch

10 July 2015

Location of launch

Sriharikota, India

Designation

2015-032D

Catalogue Number

40718

Nodal period

97.7 minutes

Inclination

98 degrees

Apogee

667.3 km

Perigee

642.1 km

Orbital position

Not available

General Function

Technology demonstrator

Notified to the UN

30 September 2015

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

July 2017

Licence issued under the Outer Space Act 1986

3 July 2015

Additional information

Not available

DeorbitSail

Owner/Operator

Surrey Satellite Technology Ltd, Tycho House, 20 Stephenson Road, Surrey Research Park, Guildford, Surrey, GU2 7YE

Date of launch

10 July 2015

Location of launch

Sriharikota, India

Designation

2015-032E

Catalogue Number

40719

Nodal period

97.63 minutes

Inclination

98 degrees

Apogee

657 km

Perigee

635 km

Orbital position

Not available

General Function

Technology demonstrator

Notified to the UN

26 November 2015

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

March 2018

Licence issued under the Outer Space Act 1986

3 July 2015

Additional information

Not available

INMARSAT-5 F3

Owner/Operator

Inmarsat Global Ltd, 99 City Road, London, EC1Y 1AX & Inmarsat Launch Company Ltd, Fort Anne, Douglas, Isle of Man, IM1 5PD

Date of launch

28 August 2015

Location of launch

Baikonur, Kazakhstan

Designation

2015-042A

Catalogue Number

40882

Nodal period

1,436 minutes

Inclination

0 to 0.05 degrees

Apogee

35,786.1 km

Perigee

35,785.9 km

Orbital position

179.6 E

General Function

Communications satellite

Notified to the UN

30 September 2015

Disposed or decayed

Not Applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

July 2017

Licence issued under the Outer Space Act 1986

13 August 2015

Additional information

Not available

DMC3-FM1

Owner/Operator

Surrey Satellite Technology Ltd, Tycho House, 20 Stephenson Road, Surrey Research Park, Guildford, Surrey, GU2 7YE

Date of launch

10 July 2015

Location of launch

Sriharikota, India

Designation

2015-032A

Catalogue Number

40715

Nodal period

97.7 minutes

Inclination

98 degrees

Apogee

671.4 km

Perigee

644.1 km

Orbital position

Not Available

General Function

High-resolution Earth observation satellite

Notified to the UN

30 September 2015

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

July 2017

Licence issued under the Outer Space Act 1986

3 July 2015

Additional information

Not available

DMC3-FM2

Owner/Operator

Surrey Satellite Technology Ltd, Tycho House, 20 Stephenson Road, Surrey Research Park, Guildford, Surrey, GU2 7YE

Date of launch

10 July 2015

Location of launch

Sriharikota, India

Designation

2015-032B

Catalogue Number

40716

Nodal period

97.7 minutes

Inclination

98 degrees

Apogee

677.1 km

Perigee

641.2 km

Orbital position

Not available

General Function

High-resolution Earth observation satellite

Notified to the UN

30 September 2015

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

July 2017

Licence issued under the Outer Space Act 1986

3 July 2015

Additional information

Not available

DMC3-FM3

Owner/Operator

Surrey Satellite Technology Ltd, Tycho House, 20 Stephenson Road, Surrey Research Park, Guildford, Surrey, GU2 7YE

Date of launch

10 July 2015

Location of launch

Sriharikota, India

Designation

2015-032C

Catalogue Number

40717

Nodal period

97.7 minutes

Inclination

98 degrees

Apogee

670.6 km

Perigee

642.1 km

Orbital position

Not available

General Function

High-resolution Earth observation satellite.

Notified to the UN

30 September 2015

Disposed or decayed

Not available

Disposal Notified to the UN

Not available

Accepted onto UK Register of Space

30 September 2015

Licence issued under the Outer Space Act 1986

3 July 2015

Additional information

Not available.

SES-9

Owner/Operator

SES Satellite Leasing Limited, First Floor, Belgravia House, 34 - 44 Circular Road, Douglas, Isle of Man, IM1 1AE

Date of launch

4 March 2016

Location of launch

Cape Canaveral, USA

Designation

2016-013A

Catalogue Number

41380

Nodal period

1,435.8 - 1,436.4 minutes

Inclination

0.1 degrees

Apogee

35,820 km

Perigee

35,752 km

Orbital position

108.2 E

General Function

SES-9 will carry a variety of commercial telecoms traffic. It will provide capacity over Asia-Pacific & South Asia.

Notified to the UN

17 January 2017

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

January 2017

Licence issued under the Outer Space Act 1986

17 January 2016

Additional information

Operator's licence held by Gibraltar

INMARSAT-5 F4

Owner/Operator

Inmarsat Global Ltd, 99 City Road, London, EC1Y 1AX, UK

Date of launch

15 May 2017

Location of launch

Cape Canaveral, USA

Designation

2017-025A

Catalogue Number

42698

Nodal period

1,436 minutes

Inclination

<0.05 degrees

Apogee

35,786 km

Perigee

35,786 km

Orbital position

Not available

General Function

Communications

Notified to the UN

28 September 2017

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

September 2017

Licence issued under the Outer Space Act 1986

8 May 2017

Additional information

In December 2017 Inmarsat-5 F4 was redeployed to 117.5 E. In August 2018 Inmarsat-5 F4 was redeployed to 11° E. In December 2018 Inmarsat-5 F4 was redeployed to 56.5E.

ViaSat-2

Owner/Operator

ViaSat Technologies Ltd, Sandford Lane, Wareham, Dorset, BH20 4DY

Date of launch

01 June 2017

Location of launch

Kourou, French Guiana

Designation

2017-029A

Catalogue Number

42740

Nodal period

1,440 minutes

Inclination

0 degrees

Apogee

35,786 km

Perigee

35,786 km

Orbital position

69.9 W

General Function

Telecommunications Satellite

Notified to the UN

19 December 2017

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

December 2017

Licence issued under the Outer Space Act 1986

24 April 2017

Additional information

Not available

EchoStar 21/ EchoStar XXI

Owner/Operator

Hughes Network Systems Ltd, Hughes House, Rockingham Drive, Milton Keynes, MK14 6PD

Date of launch

08 June 2017

Location of launch

Baikonur Cosmodrome, Kazakhstan

Designation

2017-032A

Catalogue Number

42749

Nodal period

1,436 minutes

Inclination

7.5 degrees

Apogee

35,802 km

Perigee

35,787 km

Orbital position

Not available

General Function

Communications Satellite

Notified to the UN

19 December 2017

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

December 2017

Licence issued under the Outer Space Act 1986

24 November 2016

Additional information

Not available

Red Diamond

Owner/Operator

Sky and Space Global (UK) Ltd, Tower Bridge House, St Katharine's Way, London, E1W 1DD

Date of launch

23 June 2017

Location of launch

Sriharikota, India

Designation

2017-036U

Catalogue Number

42783

Nodal period

94.7 minutes

Inclination

97.4486 degrees

Apogee

513 km

Perigee

495 km

Orbital position

Not available

General Function

Red Diamond is part of the "Three Diamonds" constellation operated by Sky and Space Global to demonstrate narrowband communication services.

Notified to the UN

29 September 2017

Disposed or decayed

26 April 2024

Disposal Notified to the UN

29 May 2024

Accepted onto UK Register of Space

September 2017

Licence issued under the Outer Space Act 1986

26 May 2017

Additional information

Not available

Green Diamond

Owner/Operator

Sky and Space Global (UK) Ltd, Tower Bridge House, St Katharine's Way, London, E1W 1DD

Date of launch

23 June 2017

Location of launch

Sriharikota, India

Designation

2017-036W

Catalogue Number

42785

Nodal period

94.7 minutes

Inclination

97.4488 degrees

Apogee

513 km

Perigee

495 km

Orbital position

Not available

General Function

Green Diamond is part of the "Three Diamonds" constellation operated by Sky and Space Global to demonstrate narrowband communication services

Notified to the UN

29 September 2017

Disposed or decayed

3 April 2024

Disposal Notified to the UN

29 May 2024

Accepted onto UK Register of Space

September 2017

Licence issued under the Outer Space Act 1986

Not available

Additional information

Not available.

Blue Diamond

Owner/Operator

Sky and Space Global (UK) Ltd, Tower Bridge House, St Katharine's Way, London, E1W 1DD

Date of launch

23 June 2017

Location of launch

Sriharikota, India

Designation

2017-036X

Catalogue Number

42786

Nodal period

94.7 minutes

Inclination

97.4487 degrees

Apogee

512 km

Perigee

495 km

Orbital position

Not available

General Function

Blue Diamond is part of the "Three Diamonds" constellation operated by Sky and Space Global to demonstrate narrowband communication services.

Notified to the UN

29 September 2017

Disposed or decayed

16 April 2024

Disposal Notified to the UN

29 May 2024

Accepted onto UK Register of Space

September 2017

Licence issued under the Outer Space Act 1986

26 May 2017

Additional information

Not available

Carbonite-2

Owner/Operator

Surrey Satellite Technology Ltd, Tycho House, 20 Stephenson Road, Surrey Research Park, Guildford, Surrey, GU2 7YE

Date of launch

12 January 2018

Location of launch

Shriharikota, India

Designation

2018-004E

Catalogue Number

43115

Nodal period

94.6 minutes

Inclination

97.6 degrees

Apogee

508 km

Perigee

493 km

Orbital position

Not available

General Function

Technology Demonstrator

Notified to the UN

16 February 2018

Disposed or decayed

16 May 2025

Disposal Notified to the UN

22 May 2025

Accepted onto UK Register of Space

February 2018

Licence issued under the Outer Space Act 1986

08 January 2018

Additional information

Not available.

SES-15

Owner/Operator

SES Satellite Leasing Limited, First Floor, Belgravia House, 34 - 44 Circular Road, Douglas, Isle of Man, IM1 1AE

Date of launch

18 May 2017

Location of launch

Kourou, French Guiana

Designation

2017-026A

Catalogue Number

42709

Nodal period

1,435.8 - 1,436.4 minutes

Inclination

0.1 degrees

Apogee

35,820 km

Perigee

35,752 km

Orbital position

129.15° W

General Function

Communications satellite

Notified to the UN

28 August 2018

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

September 2018

Licence issued under the Outer Space Act 1986

28 March 2017

Additional information

Operator's licence held by Gibraltar.

O3b M013 (O3b FM13)

Owner/Operator

O3b Limited, 3rd Floor, Anley House, Anley Street, St Helier, Jersey, JE2 3QE

Date of launch

09 March 2018

Location of launch

Kourou, French Guiana

Designation

2018-024D

Catalogue Number

43234

Nodal period

288 minutes

Inclination

0.05 degrees

Apogee

8,069 km

Perigee

8,062 km

Orbital position

Not available

General Function

Communications

Notified to the UN

15 May 2018

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

September 2018

Licence issued under the Outer Space Act 1986

05 March 2018

Additional information

Ownership transferred in April 2025 to Astra (GB) limited, New Derwent House, 69-73 Theobalds Road, London, England, WC1X 8TA.

Ob3 M014 (O3b FM14)

Owner/Operator

O3b Limited, 3rd Floor, Anley House, Anley Street, St Helier, Jersey, JE2 3QE

Date of launch

09 March 2018

Location of launch

Kourou, French Guiana

Designation

2018-024C

Catalogue Number

43233

Nodal period

288 minutes

Inclination

0.05 degrees

Apogee

8,069 km

Perigee

8,062 km

Orbital position

Not available

General Function

Communications

Notified to the UN

15 May 2018

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

September 2018

Licence issued under the Outer Space Act 1986

05 March 2018

Additional information

Ownership transferred in April 2025 to Astra (GB) limited, New Derwent House, 69-73 Theobalds Road, London, England, WC1X 8TA.

O3b M015 (O3b FM15)

Owner/Operator

O3b Limited, 3rd Floor, Anley House, Anley Street, St Helier, Jersey, JE2 3QE

Date of launch

09 March 2018

Location of launch

Kourou, French Guiana

Designation

2018-024A

Catalogue Number

43231

Nodal period

288 minutes

Inclination

0.05 degrees

Apogee

8,070 km

Perigee

8,062 km

Orbital position

Not Available

General Function

Communications

Notified to the UN

15 May 2018

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not Applicable

Accepted onto UK Register of Space

September 2018

Licence issued under the Outer Space Act 1986

05 March 2018

Additional information

Ownership transferred in April 2025 to Astra (GB) limited, New Derwent House, 69-73 Theobalds Road, London, England, WC1X 8TA.

O3b M016 (O3b FM16)

Owner/Operator

O3b Limited, 3rd Floor, Anley House, Anley Street, St Helier, Jersey, JE2 3QE

Date of launch

09 March 2018

Location of launch

Kourou, French Guiana

Designation

2018-024B

Catalogue Number

43232

Nodal period

288 minutes

Inclination

0.05 degrees

Apogee

8,070 km

Perigee

8,062 km

Orbital position

Not available

General Function

Communications

Notified to the UN

15 May 2018

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

September 2018

Licence issued under the Outer Space Act 1986

05 March 2018

Additional information

Ownership transferred in April 2025 to Astra (GB) limited, New Derwent House, 69-73 Theobalds Road, London, England, WC1X 8TA.

Hylas-4

Owner/Operator

Avanti Communications Group plc, Cobham House, 20 Black Friars Lane, London, EC4V 6EB

Date of launch

05 April 2018

Location of launch

Kourou, French Guiana

Designation

2018-033B

Catalogue Number

43272

Nodal period

1,436 minutes

Inclination

0 degrees

Apogee

42,185 km

Perigee

42,147 km

Orbital position

33.5 W

General Function

Communications Satellite

Notified to the UN

22 October 2018

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

April 2019

Licence issued under the Outer Space Act 1986

27 February 2018

Additional information

Licence novated to Avanti Hylas 2 Ltd 13 April 2022.

NovaSar-1

Owner/Operator

Surrey Satellite Technology Ltd, Tycho House, 20 Stephenson Road, Surrey Research Park, Guildford, Surrey, GU2 7YE

Date of launch

16 September 2018

Location of launch

Sriharikota, India

Designation

2018-071B

Catalogue Number

43619

Nodal period

96.4 minutes

Inclination

97.8 degrees

Apogee

600.4 km

Perigee

586.3 km

Orbital position

Not available

General Function

Technology Demonstration

Notified to the UN

9 January 2019

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

April 2019

Licence issued under the Outer Space Act 1986

06 September 2018

Additional information

Not available.

SSTL-300 S1-004

Owner/Operator

Surrey Satellite Technology Ltd, Tycho House, 20 Stephenson Road, Surrey Research Park, Guildford, Surrey, GU2 7YE

Date of launch

16 September 2018

Location of launch

Sriharikota, India

Designation

2018-071A

Catalogue Number

43618

Nodal period

96.3 minutes

Inclination

97.8 degrees

Apogee

598.8 km

Perigee

580.9 km

Orbital position

Not available

General Function

Technology Demonstration

Notified to the UN

30 January 2019

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

03 April 2019

Licence issued under the Outer Space Act 1986

06 September 2018

Additional information

Not available.

SL0006 OneWeb

Owner/Operator

Network Access Associates Ltd, Asticus Building, 2nd Floor, 21 Palmer Street, London, SW1H 0AD

Date of launch

27 February 2019

Location of launch

Kourou, French Guiana

Designation

2019-010E

Catalogue Number

44061

Nodal period

109.4 minutes

Inclination

87.9 degrees

Apogee

1200 km

Perigee

1200 km

Orbital position

Not available

General Function

Communications

Notified to the UN

12 July 2019

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not Applicable

Accepted onto UK Register of Space

19 July 2019

Licence issued under the Outer Space Act 1986

22 February 2019

Additional information

Not available.

SL0007 OneWeb

Owner/Operator

Network Access Associates Ltd, Asticus Building, 2nd Floor, 21 Palmer Street, London, SW1H 0AD

Date of launch

27 February 2019

Location of launch

Kourou, French Guiana

Designation

2019-010E

Catalogue Number

44060

Nodal period

109.4 minutes

Inclination

87.9 degrees

Apogee

1200 km

Perigee

1200 km

Orbital position

Not available

General Function

Communications

Notified to the UN

12 July 2019

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not Applicable

Accepted onto UK Register of Space

19 July 2019

Licence issued under the Outer Space Act 1986

22 February 2019

Additional information

Not available.

SL0008 OneWeb

Owner/Operator

Network Access Associates Ltd, Asticus Building, 2nd Floor, 21 Palmer Street, London, SW1H 0AD

Date of launch

27 February 2019

Location of launch

Kourou, French Guiana

Designation

2019-010E

Catalogue Number

44059

Nodal period

109.4 minutes

Inclination

87.9 degrees

Apogee

1200 km

Perigee

1200 km

Orbital position

Not available

General Function

Communications

Notified to the UN

12 July 2019

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not Applicable

Accepted onto UK Register of Space

19 July 2019

Licence issued under the Outer Space Act 1986

22 February 2019

Additional information

Not available.

SL0010 OneWeb

Owner/Operator

Network Access Associates Ltd, Asticus Building, 2nd Floor, 21 Palmer Street, London, SW1H 0AD

Date of launch

27 February 2019

Location of launch

Kourou, French Guiana

Designation

2019-010E

Catalogue Number

44058

Nodal period

109.4 minutes

Inclination

87.9 degrees

Apogee

1200 km

Perigee

1200 km

Orbital position

Not available

General Function

Communications

Notified to the UN

12 July 2019

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not Applicable

Accepted onto UK Register of Space

19 July 2019

Licence issued under the Outer Space Act 1986

22 February 2019

Additional information

Not available.

SL0011 OneWeb

Owner/Operator

Network Access Associates Ltd, Asticus Building, 2nd Floor, 21 Palmer Street, London, SW1H 0AD

Date of launch

27 February 2019

Location of launch

Kourou, French Guiana

Designation

2019-010E

Catalogue Number

44062

Nodal period

109.4 minutes

Inclination

87.9 degrees

Apogee

1200 km

Perigee

1200 km

Orbital position

Not available

General Function

Communications

Notified to the UN

12 July 2019

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not Applicable

Accepted onto UK Register of Space

19 July 2019

Licence issued under the Outer Space Act 1986

22 February 2019

Additional information

Not available.

SL0012 OneWeb

Owner/Operator

Network Access Associates Ltd, Asticus Building, 2nd Floor, 21 Palmer Street, London, SW1H 0AD

Date of launch

27 February 2019

Location of launch

Kourou, French Guiana

Designation

2019-010E

Catalogue Number

44057

Nodal period

109.4 minutes

Inclination

87.9 degrees

Apogee

1200 km

Perigee

1200 km

Orbital position

Not available

General Function

Communications

Notified to the UN

12 July 2019

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not Applicable

Accepted onto UK Register of Space

19 July 2019

Licence issued under the Outer Space Act 1986

22 February 2019

Additional information

Not available.

IOD-1 GEMS

Owner/Operator

Satellite Applications Catapult, Electron Building, Fermi Avenue, Harwell Science and Innovation Campus, Didcot, Oxfordshire, OX11 0QR, & Orbital Micro Systems, Alliotts, Imperial House, 15-19 King's Way, London, WC2B 6UN

Date of launch

03 July 2019

Location of launch

Wallops Island, Virginia, USA

Designation

1998-067QK

Catalogue Number

44385

Nodal period

92.81 minutes

Inclination

51.64 degrees

Apogee

415 km

Perigee

409 km

Orbital position

Not available

General Function

Earth Observations

Notified to the UN

30 July 2019

Disposed or decayed

03 April 2021

Disposal Notified to the UN

12 April 2021

Accepted onto UK Register of Space

August 2019

Licence issued under the Outer Space Act 1986

29 March 2019

Additional information

Re-entry and end of life 03 April 2021

Remove Debris

Owner/Operator

Surrey Satellite Technology Ltd, Tycho House, 20 Stephenson Road, Surrey Research Park, Guildford, Surrey, GU2 7YE

Date of launch

20 June 2018

Location of launch

ISS

Designation

1998-067NT

Catalogue Number

43510

Nodal period

92.5

Inclination

51.6

Apogee

408.4

Perigee

404.4

Orbital position

Not available

General Function

Technology Demonstration

Notified to the UN

22 October 2018

Disposed or decayed

04 December 2021

Disposal Notified to the UN

15 December 2021

Accepted onto UK Register of Space

August 2019

Licence issued under the Outer Space Act 1986

28 March 2018 (launch) & 21 May 2018 (Ops)

Additional information

SSTL confirm end of life September 2018. Re-entry 04 December 2021.

Remove Debris Net

Owner/Operator

Surrey Satellite Technology Ltd, Tycho House, 20 Stephenson Road, Surrey Research Park, Guildford, Surrey, GU2 7YE

Date of launch

20 June 2018

Location of launch

Spaced Based Deployment from Remove Debris Spacecraft

Designation

1998-067PM

Catalogue Number

43621

Nodal period

91.2

Inclination

51.6

Apogee

343.5

Perigee

338.4

Orbital position

Not available

General Function

Technology Demonstration

Notified to the UN

22 October 2018

Disposed or decayed

September 2018

Disposal Notified to the UN

02 March 2019

Accepted onto UK Register of Space

August 2019

Licence issued under the Outer Space Act 1986

28 March 2018 (launch) & 21 May 2018 (Ops)

Additional information

SSTL confirm end of life September 2018.

DoT-1

Owner/Operator

Surrey Satellite Technology Ltd, Tycho House, 20 Stephenson Road, Surrey Research Park, Guildford, Surrey, GU2 7YE

Date of launch

05 July 2019

Location of launch

Vostochny, Cosmodrome, Eastern Russia

Designation

2019-038P

Catalogue Number

44399

Nodal period

N/A

Inclination

N/A

Apogee

N/A

Perigee

N/A

Orbital position

Not available

General Function

Technology Demonstration

Notified to the UN

08 August 2019

Disposed or decayed

01 February 2025

Disposal Notified to the UN

20 February 2025

Accepted onto UK Register of Space

08 August 2019

Licence issued under the Outer Space Act 1986

03 July 2019

Additional information

Not available.

Vesta-1

Owner/Operator

Surrey Satellite Technology Ltd, Tycho House, 20 Stephenson Road, Surrey Research Park, Guildford, Surrey, GU2 7YE

Date of launch

03 December 2018

Location of launch

Vandenberg Air Force Base, USA

Designation

2018-099Z

Catalogue Number

ST/SG/SER.E/908

Nodal period

96.3

Inclination

97.8

Apogee

599.9

Perigee

579.5

Orbital position

Non orbital

General Function

Technology Demonstration

Notified to the UN

20 August 2019

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

27 August 2019

Licence issued under the Outer Space Act 1986

26 September 2018

Additional information

Not available.

O3b M017

Owner/Operator

O3b Limited, 3rd Floor, Anley House, Anley Street, St Helier, Jersey, JE2 3QE

Date of launch

04 April 2019

Location of launch

Kourou, French Guiana

Designation

2019-020C

Catalogue Number

44114

Nodal period

288

Inclination

0.04

Apogee

8069

Perigee

8059

Orbital position

Not available

General Function

Communications

Notified to the UN

23 August 2019

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

29 August 2019

Licence issued under the Outer Space Act 1986

02 April 2019

Additional information

Ownership transferred in April 2025 to Astra (GB) limited, New Derwent House, 69-73 Theobalds Road, London, England, WC1X 8TA.

O3b M018

Owner/Operator

O3b Limited, 3rd Floor, Anley House, Anley Street, St Helier, Jersey, JE2 3QE

Date of launch

04 April 2019

Location of launch

Kourou, French Guiana

Designation

2019-020D

Catalogue Number

44115

Nodal period

288

Inclination

0.05

Apogee

8070

Perigee

8062

Orbital position

Not Available

General Function

Communications

Notified to the UN

23 August 2019

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

29 August 2019

Licence issued under the Outer Space Act 1986

02 April 2019

Additional information

Ownership transferred in April 2025 to Astra (GB) limited, New Derwent House, 69-73 Theobalds Road, London, England, WC1X 8TA.

O3b M019

Owner/Operator

O3b Limited, 3rd Floor, Anley House, Anley Street, St Helier, Jersey, JE2 3QE

Date of launch

04 April 2019

Location of launch

Kourou, French Guiana

Designation

2019-020B

Catalogue Number

44113

Nodal period

288

Inclination

0.04

Apogee

8070

Perigee

8062

Orbital position

Not Available

General Function

Communications

Notified to the UN

23 August 2019

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

29 August 2019

Licence issued under the Outer Space Act 1986

02 April 2019

Additional information

Ownership transferred in April 2025 to Astra (GB) limited, New Derwent House, 69-73 Theobalds Road, London, England, WC1X 8TA.

O3b M020

Owner/Operator

O3b Limited, 3rd Floor, Anley House, Anley Street, St Helier, Jersey, JE2 3QE

Date of launch

04 April 2019

Location of launch

Kourou, French Guiana

Designation

2019-020A

Catalogue Number

44112

Nodal period

288

Inclination

0.05

Apogee

8068

Perigee

8057

Orbital position

Not Available

General Function

Communications

Notified to the UN

23 August 2019

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

29 August 2019

Licence issued under the Outer Space Act 1986

02 April 2019

Additional information

Ownership transferred in April 2025 to Astra (GB) limited, New Derwent House, 69-73 Theobalds Road, London, England, WC1X 8TA.

NSL-1

Owner/Operator

Clyde Space Ltd, 123 St Vincent Street, Glasgow, G2 5EA

Date of launch

5 July 2019

Location of launch

Vostochny Cosmodrome, Eastern Russia

Designation

2019-038E

Catalogue Number

44391

Nodal period

96.21

Inclination

97.7

Apogee

592

Perigee

562

Orbital position

Not available

General Function

Technology Demo

Notified to the UN

21 November 2019

Disposed or decayed

05 August 2024

Disposal Notified to the UN

19 August 2024

Accepted onto UK Register of Space

December 2019

Licence issued under the Outer Space Act 1986

03 November 2019

Additional information

Not available.

Inmarsat GX5

Owner/Operator

Inmarsat Global Ltd, 99 City Road, London, EC1Y 1AX

Date of launch

26 November 2019

Location of launch

Kourou, French Guiana

Designation

2019-080B

Catalogue Number

44801

Nodal period

1436.11

Inclination

0.00

Apogee

35786

Perigee

35786

Orbital position

11E

General Function

Communications

Notified to the UN

December 2019

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

December 2019

Licence issued under the Outer Space Act 1986

07 November 2019

Additional information

Not available.

OneWeb Launch 2 (OWLID00007-OWLID00040)

Owner/Operator

Network Access Associates Limited, 195 Wood Lane, West Works Building, London, W12 7FQ

Date of launch

06 February 2020

Location of launch

Baikonur, Kazakhstan

Designation

See Annex 1 for details

Catalogue Number

See Annex 1 for details

Nodal period

110

Inclination

87.9

Apogee

1229

Perigee

1212

Orbital position

Not available

General Function

Communications

Notified to the UN

30 March 2020

Disposed or decayed

See Annex 1 for details

Disposal Notified to the UN

See Annex 1 for details

Accepted onto UK Register of Space

April 2020

Licence issued under the Outer Space Act 1986

31 January 2020

Additional information

Not available.

Annex 1

OneWeb Launch 2 – Baikonur, Kazakhstan, 06 February 2020

| Name | Designation | Catalogue number | Disposed or decayed | Disposal notified to the UN | Additional information (Other names) |
|------------|-------------|------------------|---------------------|-----------------------------|---|
| OWLID00007 | 2020-008A | 45131 | Not Applicable | Not Applicable | SL0013 |
| OWLID00008 | 2020-008B | 45132 | Not Applicable | Not Applicable | SL0017 |
| OWLID00009 | 2020-008C | 45133 | Not Applicable | Not Applicable | SL0020 |
| OWLID00010 | 2020-008D | 45134 | Not Applicable | Not Applicable | SL0021 |
| OWLID00011 | 2020-008E | 45135 | Not Applicable | Not Applicable | SL0022 |
| OWLID00012 | 2020-008F | 45136 | Not Applicable | Not Applicable | SL0023 |
| OWLID00013 | 2020-008G | 45137 | Not Applicable | Not Applicable | SL0024 |
| OWLID00014 | 2020-008H | 45138 | Not Applicable | Not Applicable | SL0025 |
| OWLID00015 | 2020-008J | 45139 | Not Applicable | Not Applicable | SL0026 |
| OWLID00016 | 2020-008K | 45140 | Not Applicable | Not Applicable | SL0028 |
| OWLID00017 | 2020-008L | 45141 | Not Applicable | Not Applicable | SL0032 |
| OWLID00018 | 2020-008M | 45142 | Not Applicable | Not Applicable | SL0033 |
| OWLID00019 | 2020-008N | 45143 | Not Applicable | Not Applicable | SL0035 |
| OWLID00020 | 2020-008P | 45144 | Not Applicable | Not Applicable | SL0036 |
| OWLID00021 | 2020-008Q | 45145 | Not Applicable | Not Applicable | SL0038 |
| OWLID00022 | 2020-008R | 45146 | Not Applicable | Not Applicable | SL0039 |
| OWLID00023 | 2020-008S | 45147 | Not Applicable | Not Applicable | SL0040 |
| OWLID00024 | 2020-008T | 45148 | Not Applicable | Not Applicable | SL0041 |
| OWLID00025 | 2020-008U | 45149 | Not Applicable | Not Applicable | SL0043 |
| OWLID00026 | 2020-008V | 45150 | Not Applicable | Not Applicable | SL0044 |
| OWLID00027 | 2020-008W | 45151 | Not Applicable | Not Applicable | SL0045 |
| OWLID00028 | 2020-008X | 45152 | Not Applicable | Not Applicable | SL0047 |
| OWLID00029 | 2020-008Y | 45153 | Not Applicable | Not Applicable | SL0048 |

| | | | | | |
|-------------------|------------|-------|----------------|----------------|--------|
| OWLID00030 | 2020-008Z | 45154 | Not Applicable | Not Applicable | SL0049 |
| OWLID00031 | 2020-008AA | 45155 | Not Applicable | Not Applicable | SL0051 |
| OWLID00032 | 2020-008AB | 45156 | Not Applicable | Not Applicable | SL0052 |
| OWLID00033 | 2020-008AC | 45157 | Not Applicable | Not Applicable | SL0053 |
| OWLID00034 | 2020-008AD | 45158 | Not Applicable | Not Applicable | SL0054 |
| OWLID00035 | 2020-008AE | 45159 | Not Applicable | Not Applicable | SL0056 |
| OWLID00036 | 2020-008AF | 45160 | Not Applicable | Not Applicable | SL0057 |
| OWLID00037 | 2020-008AG | 45161 | Not Applicable | Not Applicable | SL0058 |
| OWLID00038 | 2020-008AH | 45162 | Not Applicable | Not Applicable | SL0059 |
| OWLID00039 | 2020-008AJ | 45163 | Not Applicable | Not Applicable | SL0062 |
| OWLID00040 | 2020-008AK | 45164 | Not Applicable | Not Applicable | SL0065 |

OneWeb Launch 3 (OWLID00041-OWLID00074)

Owner/Operator

Network Access Associates Limited, 195 Wood Lane, West Works Building, London, W12 7FQ

Date of launch

21 March 2020

Location of launch

Baikonur, Kazakhstan

Designation

See Annex 2 for details

Catalogue Number

See Annex 2 for details

Nodal period

109.4

Inclination

87.9

Apogee

1229

Perigee

1212

Orbital position

Not available

General Function

Communications

Notified to the UN

17 April 2020

Disposed or decayed

See Annex 2 for details

Disposal Notified to the UN

See Annex 2 for details

Accepted onto UK Register of Space

May 2020

Licence issued under the Outer Space Act 1986

06 March 2020

Additional information

Not available.

Annex 2

OneWeb Launch 3 – Baikonur, Kazakhstan, 21 March 2020

| Name | Designation | Catalogue number | Disposed or decayed | Disposal notified to the UN | Additional information (Other names) |
|-------------------|-------------|------------------|---------------------|-----------------------------|---|
| OWLID00041 | 2020-020L | 45434 | Not Applicable | Not Applicable | SL0018 |
| OWLID00042 | 2020-020AB | 45449 | Not Applicable | Not Applicable | SL0019 |
| OWLID00043 | 2020-020J | 45432 | Not Applicable | Not Applicable | SL0027 |
| OWLID00044 | 2020-020X | 45445 | Not Applicable | Not Applicable | SL0029 |
| OWLID00045 | 2020-020H | 45431 | Not Applicable | Not Applicable | SL0031 |
| OWLID00046 | 2020-020AG | 45454 | Not Applicable | Not Applicable | SL0034 |
| OWLID00047 | 2020-020S | 45440 | Not Applicable | Not Applicable | SL0037 |
| OWLID00048 | 2020-020T | 45441 | Not Applicable | Not Applicable | SL0042 |
| OWLID00049 | 2020-020Z | 45447 | Not Applicable | Not Applicable | SL0046 |
| OWLID00050 | 2020-020AF | 45453 | Not Applicable | Not Applicable | SL0050 |
| OWLID00051 | 2020-020V | 45443 | Not Applicable | Not Applicable | SL0055 |
| OWLID00052 | 2020-020AH | 45455 | Not Applicable | Not Applicable | SL0060 |
| OWLID00053 | 2020-020E | 45428 | Not Applicable | Not Applicable | SL0061 |
| OWLID00054 | 2020-020AA | 45448 | Not Applicable | Not Applicable | SL0063 |
| OWLID00055 | 2020-020K | 45433 | Not Applicable | Not Applicable | SL0064 |
| OWLID00056 | 2020-020A | 45424 | Not Applicable | Not Applicable | SL0066 |
| OWLID00057 | 2020-020B | 45425 | Not Applicable | Not Applicable | SL0067 |
| OWLID00058 | 2020-020Y | 45446 | Not Applicable | Not Applicable | SL0068 |
| OWLID00059 | 2020-020G | 45430 | Not Applicable | Not Applicable | SL0069 |
| OWLID00060 | 2020-020C | 45426 | Not Applicable | Not Applicable | SL0080 |
| OWLID00061 | 2020-020F | 45429 | Not Applicable | Not Applicable | SL0081 |
| OWLID00062 | 2020-020AE | 45452 | Not Applicable | Not Applicable | SL0082 |

| | | | | | |
|-------------------|------------|-------|----------------|----------------|--------|
| OWLID00063 | 2020-020M | 45435 | Not Applicable | Not Applicable | SL0083 |
| OWLID00064 | 2020-020Q | 45438 | Not Applicable | Not Applicable | SL0085 |
| OWLID00065 | 2020-020AJ | 45456 | Not Applicable | Not Applicable | SL0086 |
| OWLID00066 | 2020-020AD | 45451 | Not Applicable | Not Applicable | SL0087 |
| OWLID00067 | 2020-020AK | 45457 | Not Applicable | Not Applicable | SL0088 |
| OWLID00068 | 2020-020D | 45427 | Not Applicable | Not Applicable | SL0090 |
| OWLID00069 | 2020-020P | 45437 | Not Applicable | Not Applicable | SL0092 |
| OWLID00070 | 2020-020W | 45444 | Not Applicable | Not Applicable | SL0093 |
| OWLID00071 | 2020-020AC | 45450 | Not Applicable | Not Applicable | SL0094 |
| OWLID00072 | 2020-020N | 45436 | Not Applicable | Not Applicable | SL0095 |
| OWLID00073 | 2020-020R | 45439 | Not Applicable | Not Applicable | SL0096 |
| OWLID00074 | 2020-020U | 45442 | Not Applicable | Not Applicable | SL0098 |

Faraday-1

Owner/Operator

In-Space Missions Limited, Whitmore View, Hammer Lane, Grayshott, Hampshire, GU26 6JD

Date of launch

4 July 2020

Location of launch

Mahia Launch Facility

Designation

Not available

Catalogue Number

Not available

Nodal period

Not available

Inclination

Not available

Apogee

Not available

Perigee

Not available

Orbital position

Not available

General Function

In Orbit Demonstration

Notified to the UN

Not available

Disposed or decayed

Not available

Disposal Notified to the UN

Not available

Accepted onto UK Register of Space

September 2020

Licence issued under the Outer Space Act 1986

2 July 2020

Additional information

The Electron Launch vehicle failed during the second stage burn and the satellite was lost.

OneWeb Launch 4 (OWLID00075-OWLID00110)

Owner/Operator

Network Access Associates Limited, 195 Wood Lane, West Works Building, London, W12 7FQ

Date of launch

18 December 2020

Location of launch

Vostochny Cosmodrome, Russia

Designation

See Annex 3 for details

Catalogue Number

See Annex 3 for details

Nodal period

109.4

Inclination

87.9

Apogee

1213

Perigee

1209

Orbital position

Not available

General Function

Communications

Notified to the UN

07 January 2021

Disposed or decayed

See Annex 3 for details

Disposal Notified to the UN

See Annex 3 for details

Accepted onto UK Register of Space

08 January 2021

Licence issued under the Outer Space Act 1986

07 December 2020

Additional information

Not available.

Annex 3

OneWeb Launch 4 – Vostochny Cosmodrome 18 December 2020

| Name | Designation | Catalogue number | Disposed or decayed | Disposal notified to the UN | Additional information (Other names) |
|-------------------|-------------|------------------|---------------------|-----------------------------|---|
| OWLID00075 | 2020-100A | 47258 | Not Applicable | Not Applicable | SL0102 |
| OWLID00076 | 2020-100B | 47259 | Not Applicable | Not Applicable | SL0109 |
| OWLID00077 | 2020-100C | 47260 | Not Applicable | Not Applicable | SL0110 |
| OWLID00078 | 2020-100D | 47261 | Not Applicable | Not Applicable | SL0111 |
| OWLID00079 | 2020-100E | 47262 | Not Applicable | Not Applicable | SL0114 |
| OWLID00080 | 2020-100F | 47263 | Not Applicable | Not Applicable | SL0117 |
| OWLID00081 | 2020-100G | 47264 | Not Applicable | Not Applicable | SL0118 |
| OWLID00082 | 2020-100H | 47265 | Not Applicable | Not Applicable | SL0119 |
| OWLID00083 | 2020-100J | 47266 | Not Applicable | Not Applicable | SL0120 |
| OWLID00084 | 2020-100K | 47267 | Not Applicable | Not Applicable | SL0121 |
| OWLID00085 | 2020-100L | 47268 | Not Applicable | Not Applicable | SL0122 |
| OWLID00086 | 2020-100M | 47269 | Not Applicable | Not Applicable | SL0123 |
| OWLID00087 | 2020-100N | 47270 | Not Applicable | Not Applicable | SL0124 |
| OWLID00088 | 2020-100P | 47271 | Not Applicable | Not Applicable | SL0125 |
| OWLID00089 | 2020-100Q | 47272 | Not Applicable | Not Applicable | SL0126 |
| OWLID00090 | 2020-100R | 47273 | Not Applicable | Not Applicable | SL0127 |
| OWLID00091 | 2020-100S | 47274 | Not Applicable | Not Applicable | SL0128 |
| OWLID00092 | 2020-100T | 47275 | Not Applicable | Not Applicable | SL0129 |
| OWLID00093 | 2020-100U | 47276 | Not Applicable | Not Applicable | SL0130 |
| OWLID00094 | 2020-100V | 47277 | Not Applicable | Not Applicable | SL0131 |
| OWLID00095 | 2020-100W | 47278 | Not Applicable | Not Applicable | SL0132 |
| OWLID00096 | 2020-100X | 47279 | Not Applicable | Not Applicable | SL0133 |
| OWLID00097 | 2020-100Y | 47280 | Not Applicable | Not Applicable | SL0134 |

| | | | | | |
|-------------------|------------|-------|----------------|----------------|--------|
| OWLID00098 | 2020-100Z | 47281 | Not Applicable | Not Applicable | SL0135 |
| OWLID00099 | 2020-100AA | 47282 | Not Applicable | Not Applicable | SL0136 |
| OWLID00100 | 2020-100AB | 47283 | Not Applicable | Not Applicable | SL0137 |
| OWLID00101 | 2020-100AC | 47284 | Not Applicable | Not Applicable | SL0138 |
| OWLID00102 | 2020-100AD | 47285 | Not Applicable | Not Applicable | SL0139 |
| OWLID00103 | 2020-100AE | 47286 | Not Applicable | Not Applicable | SL0140 |
| OWLID00104 | 2020-100AF | 47287 | Not Applicable | Not Applicable | SL0141 |
| OWLID00105 | 2020-100AG | 47288 | Not Applicable | Not Applicable | SL0142 |
| OWLID00106 | 2020-100AH | 47289 | Not Applicable | Not Applicable | SL0143 |
| OWLID00107 | 2020-100AJ | 47290 | Not Applicable | Not Applicable | SL0144 |
| OWLID00108 | 2020-100AK | 47291 | Not Applicable | Not Applicable | SL0145 |
| OWLID00109 | 2020-100AL | 47292 | Not Applicable | Not Applicable | SL0146 |
| OWLID00110 | 2020-100AM | 47293 | Not Applicable | Not Applicable | SL0147 |

OneWeb Launch 5 (OWLID00110-OWLID00146)

Owner/Operator

Network Access Associates Limited, 195 Wood Lane, West Works Building, London, W12 7FQ

Date of launch

25 March 2021

Location of launch

Vostochny Cosmodrome, Russia

Designation

See Annex 4 for details

Catalogue Number

See Annex 4 for details

Nodal period

109.4

Inclination

87.9

Apogee

1213

Perigee

1209

Orbital position

Not available

General Function

Communications

Notified to the UN

12 April 2021

Disposed or decayed

See Annex 4 for details

Disposal Notified to the UN

See Annex 4 for details

Accepted onto UK Register of Space

12 April 2021

Licence issued under the Outer Space Act 1986

25 January 2021

Additional information

Not available.

Annex 4

OneWeb Launch 5 – Vostochny Cosmodrome 25 March 2021

| Name | Designation | Catalogue number | Disposed or decayed | Disposal notified to the UN | Additional information (Other names) |
|-------------------|-------------|------------------|---------------------|-----------------------------|---|
| OWLID00111 | 2021-025A | 48042 | Not Applicable | Not Applicable | SL0115 |
| OWLID00112 | 2021-025B | 48043 | Not Applicable | Not Applicable | SL0152 |
| OWLID00113 | 2021-025C | 48044 | Not Applicable | Not Applicable | SL0153 |
| OWLID00114 | 2021-025D | 48045 | Not Applicable | Not Applicable | SL0154 |
| OWLID00115 | 2021-025E | 48046 | Not Applicable | Not Applicable | SL0116 |
| OWLID00116 | 2021-025F | 48047 | Not Applicable | Not Applicable | SL0150 |
| OWLID00117 | 2021-025G | 48048 | Not Applicable | Not Applicable | SL0107 |
| OWLID00118 | 2021-025H | 48049 | Not Applicable | Not Applicable | SL0101 |
| OWLID00119 | 2021-025J | 48050 | Not Applicable | Not Applicable | SL0113 |
| OWLID00120 | 2021-025K | 48051 | Not Applicable | Not Applicable | SL0112 |
| OWLID00121 | 2021-025L | 48052 | Not Applicable | Not Applicable | SL0156 |
| OWLID00122 | 2021-025M | 48053 | Not Applicable | Not Applicable | SL0161 |
| OWLID00123 | 2021-025N | 48054 | Not Applicable | Not Applicable | SL0158 |
| OWLID00124 | 2021-025P | 48055 | Not Applicable | Not Applicable | SL0157 |
| OWLID00125 | 2021-025Q | 48056 | Not Applicable | Not Applicable | SL0162 |
| OWLID00126 | 2021-025R | 48057 | Not Applicable | Not Applicable | SL0155 |
| OWLID00127 | 2021-025S | 48058 | Not Applicable | Not Applicable | SL0149 |
| OWLID00128 | 2021-025T | 48059 | Not Applicable | Not Applicable | SL0148 |
| OWLID00129 | 2021-025U | 48060 | Not Applicable | Not Applicable | SL0160 |
| OWLID00130 | 2021-025V | 48061 | Not Applicable | Not Applicable | SL0163 |
| OWLID00131 | 2021-025W | 48062 | Not Applicable | Not Applicable | SL0159 |
| OWLID00132 | 2021-025X | 48063 | Not Applicable | Not Applicable | SL0164 |
| OWLID00133 | 2021-025Y | 48064 | Not Applicable | Not Applicable | SL0167 |

| | | | | | |
|-------------------|------------|-------|----------------|----------------|--------|
| OWLID00134 | 2021-025Z | 48065 | Not Applicable | Not Applicable | SL0166 |
| OWLID00135 | 2021-025AA | 48066 | Not Applicable | Not Applicable | SL0151 |
| OWLID00136 | 2021-025AB | 48067 | Not Applicable | Not Applicable | SL0170 |
| OWLID00137 | 2021-025AC | 48068 | Not Applicable | Not Applicable | SL0168 |
| OWLID00138 | 2021-025AD | 48069 | Not Applicable | Not Applicable | SL0173 |
| OWLID00139 | 2021-025AE | 48070 | Not Applicable | Not Applicable | SL0171 |
| OWLID00140 | 2021-025AF | 48071 | Not Applicable | Not Applicable | SL0172 |
| OWLID00141 | 2021-025AG | 48072 | Not Applicable | Not Applicable | SL0174 |
| OWLID00142 | 2021-025AH | 48073 | Not Applicable | Not Applicable | SL0175 |
| OWLID00143 | 2021-025AJ | 48074 | Not Applicable | Not Applicable | SL0177 |
| OWLID00144 | 2021-025AK | 48075 | Not Applicable | Not Applicable | SL0178 |
| OWLID00145 | 2021-025AL | 48076 | Not Applicable | Not Applicable | SL0108 |
| OWLID00146 | 2021-025AM | 48077 | Not Applicable | Not Applicable | SL0169 |

3B5GSAT (SOSAT)

Owner/Operator

Open Cosmos Ltd, Electron Building, Fermi Avenue, Harwell, OX11 0QR

Date of launch

22 March 2021

Location of launch

Baikonur, Kazakhstan

Designation

2021-022Y

Catalogue Number

47954

Nodal period

Not applicable

Inclination

Not applicable

Apogee

Not applicable

Perigee

Not applicable

Orbital position

Not available

General Function

IOT Demo

Notified to the UN

1st April 2021

Disposed or decayed

25th July 2024

Disposal Notified to the UN

25th September 2024

Accepted onto UK Register of Space

01 April 2021

Licence issued under the Outer Space Act 1986

12 March 2021

Additional information

Not Applicable.

LacunaSat-2B

Owner/Operator

Open Cosmos Ltd, Electron Building, Fermi Avenue, Harwell, OX11 0QR

Date of launch

22 March 2021

Location of launch

Baikonur, Kazakhstan

Designation

2021-022S

Catalogue Number

47948

Nodal period

Not applicable

Inclination

Not applicable

Apogee

Not applicable

Perigee

Not applicable

Orbital position

Not available

General Function

IOT Analysis

Notified to the UN

01 April 2021

Disposed or decayed

27 April 2024

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

01 April 2021

Licence issued under the Outer Space Act 1986

12 March 2021

Additional information

Not Applicable.

OneWeb Launch 6 (OWLID00147-OWLID00182)

Owner/Operator

Network Access Associates Limited, 195 Wood Lane, West Works Building, London, W12 7FQ

Date of launch

25 April 2021

Location of launch

Vostochny Cosmodrome, Russia

Designation

See Annex 5 for details

Catalogue Number

See Annex 5 for details

Nodal period

109.4

Inclination

87.9

Apogee

1213

Perigee

1209

Orbital position

Not available

General Function

Communications

Notified to the UN

07 May 2021

Disposed or decayed

See Annex 5 for details

Disposal Notified to the UN

See Annex 5 for details

Accepted onto UK Register of Space

07 May 2021

Licence issued under the Outer Space Act 1986

08 April 2021

Additional information

Not Applicable.

Annex 5

OneWeb Launch 6 – Vostochny Cosmodrome 25 April 2021

| Name | Designation | Catalogue number | Disposed or decayed | Disposal notified to the UN | Additional information (Other names) |
|-------------------|-------------|------------------|---------------------|-----------------------------|---|
| OWLID00147 | 2021-031A | 48210 | Not Applicable | Not Applicable | SL0176 |
| OWLID00148 | 2021-031B | 48211 | Not Applicable | Not Applicable | SL0184 |
| OWLID00149 | 2021-031C | 48212 | Not Applicable | Not Applicable | SL0179 |
| OWLID00150 | 2021-031D | 48213 | Not Applicable | Not Applicable | SL0180 |
| OWLID00151 | 2021-031E | 48214 | Not Applicable | Not Applicable | SL0218 |
| OWLID00152 | 2021-031F | 48215 | Not Applicable | Not Applicable | SL0209 |
| OWLID00153 | 2021-031G | 48216 | Not Applicable | Not Applicable | SL0198 |
| OWLID00154 | 2021-031H | 48217 | Not Applicable | Not Applicable | SL0189 |
| OWLID00155 | 2021-031J | 48218 | Not Applicable | Not Applicable | SL0196 |
| OWLID00156 | 2021-031K | 48219 | Not Applicable | Not Applicable | SL0183 |
| OWLID00157 | 2021-031L | 48220 | Not Applicable | Not Applicable | SL0185 |
| OWLID00158 | 2021-031M | 48221 | Not Applicable | Not Applicable | SL0187 |
| OWLID00159 | 2021-031N | 48222 | Not Applicable | Not Applicable | SL0192 |
| OWLID00160 | 2021-031P | 48223 | Not Applicable | Not Applicable | SL0219 |
| OWLID00161 | 2021-031Q | 48224 | Not Applicable | Not Applicable | SL0202 |
| OWLID00162 | 2021-031R | 48225 | Not Applicable | Not Applicable | SL0204 |
| OWLID00163 | 2021-031S | 48226 | Not Applicable | Not Applicable | SL0205 |
| OWLID00164 | 2021-031T | 48227 | Not Applicable | Not Applicable | SL0206 |
| OWLID00165 | 2021-031U | 48228 | Not Applicable | Not Applicable | SL0182 |
| OWLID00166 | 2021-031V | 48229 | Not Applicable | Not Applicable | SL0186 |
| OWLID00167 | 2021-031W | 48230 | Not Applicable | Not Applicable | SL0181 |
| OWLID00168 | 2021-031X | 48231 | Not Applicable | Not Applicable | SL0188 |
| OWLID00169 | 2021-031Y | 48232 | Not Applicable | Not Applicable | SL0220 |

| | | | | | |
|-------------------|------------|-------|----------------|----------------|--------|
| OWLID00170 | 2021-031Z | 48233 | Not Applicable | Not Applicable | SL0165 |
| OWLID00171 | 2021-031AA | 48234 | | | SL0199 |
| OWLID00172 | 2021-031AB | 48235 | | | SL0203 |
| OWLID00173 | 2021-031AC | 48236 | | | SL0197 |
| OWLID00174 | 2021-031AD | 48237 | | | SL0194 |
| OWLID00175 | 2021-031AE | 48238 | | | SL0193 |
| OWLID00176 | 2021-031AF | 48239 | | | SL0191 |
| OWLID00177 | 2021-031AG | 48240 | | | SL0195 |
| OWLID00178 | 2021-031AH | 48241 | | | SL0201 |
| OWLID00179 | 2021-031AJ | 48242 | | | SL0207 |
| OWLID00180 | 2021-031AK | 48243 | | | SL0208 |
| OWLID00181 | 2021-031AL | 48244 | | | SL0200 |
| OWLID00182 | 2021-031AM | 48245 | | | SL0217 |

OneWeb Launch 7 (OWLID00183-OWLID00218)

Owner/Operator

Network Access Associates Limited, 195 Wood Lane, West Works Building, London, W12 7FQ

Date of launch

28 May 2021

Location of launch

Vostochny Cosmodrome, Russia

Designation

See Annex 6 for details

Catalogue Number

See Annex 6 for details

Nodal period

109.4

Inclination

87.9

Apogee

1201

Perigee

1197

Orbital position

Not available

General Function

Communications

Notified to the UN

14 June 2021

Disposed or decayed

See Annex 6 for details

Disposal Notified to the UN

See Annex 6 for details

Accepted onto UK Register of Space

05 July 2021

Licence issued under the Outer Space Act 1986

12 May 2021

Additional information

Not available.

Annex 6

OneWeb Launch 7 – Vostochny Cosmodrome 28 May 2021

| Name | Designation | Catalogue number | Disposed or decayed | Disposal notified to the UN | Additional information (Other names) |
|-------------------|-------------|------------------|---------------------|-----------------------------|---|
| OWLID00183 | 2021-045A | 48767 | Not Applicable | Not Applicable | SL0211 |
| OWLID00184 | 2021-045B | 48768 | Not Applicable | Not Applicable | SL0223 |
| OWLID00185 | 2021-045C | 48769 | Not Applicable | Not Applicable | SL0230 |
| OWLID00186 | 2021-045D | 48770 | Not Applicable | Not Applicable | SL0237 |
| OWLID00187 | 2021-045E | 48771 | Not Applicable | Not Applicable | SL0235 |
| OWLID00188 | 2021-045F | 48772 | Not Applicable | Not Applicable | SL0242 |
| OWLID00189 | 2021-045G | 48773 | Not Applicable | Not Applicable | SL0241 |
| OWLID00190 | 2021-045H | 48774 | Not Applicable | Not Applicable | SL0243 |
| OWLID00191 | 2021-045J | 48775 | Not Applicable | Not Applicable | SL0222 |
| OWLID00192 | 2021-045K | 48776 | Not Applicable | Not Applicable | SL0244 |
| OWLID00193 | 2021-045L | 48777 | Not Applicable | Not Applicable | SL0247 |
| OWLID00194 | 2021-045M | 48778 | Not Applicable | Not Applicable | SL0245 |
| OWLID00195 | 2021-045N | 48779 | Not Applicable | Not Applicable | SL0229 |
| OWLID00196 | 2021-045P | 48780 | Not Applicable | Not Applicable | SL0228 |
| OWLID00197 | 2021-045Q | 48781 | Not Applicable | Not Applicable | SL0232 |
| OWLID00198 | 2021-045R | 48782 | Not Applicable | Not Applicable | SL0231 |
| OWLID00199 | 2021-045S | 48783 | Not Applicable | Not Applicable | SL0234 |
| OWLID00200 | 2021-045T | 48784 | Not Applicable | Not Applicable | SL0238 |
| OWLID00201 | 2021-045U | 48785 | Not Applicable | Not Applicable | SL0240 |
| OWLID00202 | 2021-045V | 48786 | Not Applicable | Not Applicable | SL0246 |
| OWLID00203 | 2021-045W | 48787 | Not Applicable | Not Applicable | SL0210 |
| OWLID00204 | 2021-045X | 48788 | Not Applicable | Not Applicable | SL0214 |
| OWLID00205 | 2021-045Y | 48789 | Not Applicable | Not Applicable | SL0221 |

| | | | | | |
|-------------------|------------|-------|----------------|----------------|--------|
| OWLID00206 | 2021-045Z | 48790 | Not Applicable | Not Applicable | SL0213 |
| OWLID00207 | 2021-045AA | 48791 | Not Applicable | Not Applicable | SL0212 |
| OWLID00208 | 2021-045AB | 48792 | Not Applicable | Not Applicable | SL0227 |
| OWLID00209 | 2021-045AC | 48793 | Not Applicable | Not Applicable | SL0226 |
| OWLID00210 | 2021-045AD | 48794 | Not Applicable | Not Applicable | SL0224 |
| OWLID00211 | 2021-045AE | 48795 | Not Applicable | Not Applicable | SL0233 |
| OWLID00212 | 2021-045AF | 48796 | Not Applicable | Not Applicable | SL0190 |
| OWLID00213 | 2021-045AG | 48797 | Not Applicable | Not Applicable | SL0236 |
| OWLID00214 | 2021-045AH | 48798 | Not Applicable | Not Applicable | SL0248 |
| OWLID00215 | 2021-045AJ | 48799 | Not Applicable | Not Applicable | SL0225 |
| OWLID00216 | 2021-045AK | 48800 | Not Applicable | Not Applicable | SL0215 |
| OWLID00217 | 2021-045AL | 48801 | Not Applicable | Not Applicable | SL0216 |
| OWLID00218 | 2021-045AM | 48802 | Not Applicable | Not Applicable | SL0239 |

SOAR

Owner/Operator

University of Manchester, Oxford Road, Manchester, M13 9PL

Date of launch

14 June 2021

Location of launch

Deployed from the ISS

Designation

1998-067SM

Catalogue Number

48851

Nodal period

92.88

Inclination

51.64

Apogee

421

Perigee

415

Orbital position

Not available

General Function

Technology Demonstration

Notified to the UN

22 June 2021

Disposed or decayed

14 March 2022

Disposal Notified to the UN

24 March 2022

Accepted onto UK Register of Space

05 July 2021

Licence issued under the Outer Space Act 1986

27 May 2021

Additional information

Re-entry took place on 14 March 2022.

OneWeb Launch 8 (OWLID00219-OWLID00254)

Owner/Operator

Network Access Associates Limited, 195 Wood Lane, West Works Building, London, W12 7FQ

Date of launch

1 July 2021

Location of launch

Vostochny Cosmodrome, Russia

Designation

See Annex 7 for details

Catalogue Number

See Annex 7 for details

Nodal period

109.4

Inclination

87.9

Apogee

1197

Perigee

1193

Orbital position

Not available

General Function

Communications

Notified to the UN

19 July 2021

Disposed or decayed

See Annex 7 for details

Disposal Notified to the UN

See Annex 7 for details

Accepted onto UK Register of Space

19 July 2021

Licence issued under the Outer Space Act 1986

15 June 2021

Additional information

Not applicable.

Annex 7

OneWeb Launch 8 – Vostochny Cosmodrome 01 July 2021

| Name | Designation | Catalogue number | Disposed or decayed | Disposal notified to the UN | Additional information (Other names) |
|-------------------|-------------|------------------|---------------------|-----------------------------|---|
| OWLID00219 | 2021-060A | 48967 | Not Applicable | Not Applicable | SL0249 |
| OWLID00220 | 2021-060B | 48968 | Not Applicable | Not Applicable | SL0250 |
| OWLID00221 | 2021-060C | 48969 | 20/07/2022 | 02/08/2022 | SL0251 |
| OWLID00222 | 2021-060D | 48970 | Not Applicable | Not Applicable | SL0252 |
| OWLID00223 | 2021-060E | 48971 | Not Applicable | Not Applicable | SL0253 |
| OWLID00224 | 2021-060F | 48972 | Not Applicable | Not Applicable | SL0254 |
| OWLID00225 | 2021-060G | 48973 | Not Applicable | Not Applicable | SL0255 |
| OWLID00226 | 2021-060H | 48974 | Not Applicable | Not Applicable | SL0256 |
| OWLID00227 | 2021-060J | 48975 | Not Applicable | Not Applicable | SL0257 |
| OWLID00228 | 2021-060K | 48976 | Not Applicable | Not Applicable | SL0258 |
| OWLID00229 | 2021-060L | 48977 | Not Applicable | Not Applicable | SL0259 |
| OWLID00230 | 2021-060M | 48978 | Not Applicable | Not Applicable | SL0260 |
| OWLID00231 | 2021-060N | 48979 | Not Applicable | Not Applicable | SL0261 |
| OWLID00232 | 2021-060P | 48980 | Not Applicable | Not Applicable | SL0262 |
| OWLID00233 | 2021-060Q | 48981 | Not Applicable | Not Applicable | SL0263 |
| OWLID00234 | 2021-060R | 48982 | Not Applicable | Not Applicable | SL0264 |
| OWLID00235 | 2021-060S | 48983 | 29/03/2022 | 14/07/2022 | SL0265 |
| OWLID00236 | 2021-060T | 48984 | Not Applicable | Not Applicable | SL0266 |
| OWLID00237 | 2021-060U | 48985 | Not Applicable | Not Applicable | SL0267 |
| OWLID00238 | 2021-060V | 48986 | Not Applicable | Not Applicable | SL0268 |
| OWLID00239 | 2021-060W | 48987 | Not Applicable | Not Applicable | SL0269 |
| OWLID00240 | 2021-060X | 48988 | Not Applicable | Not Applicable | SL0270 |
| OWLID00241 | 2021-060Y | 48989 | Not Applicable | Not Applicable | SL0271 |

| | | | | | |
|-------------------|------------|-------|----------------|----------------|--------|
| OWLID00242 | 2021-060Z | 48990 | Not Applicable | Not Applicable | SL0272 |
| OWLID00243 | 2021-060AA | 48991 | Not Applicable | Not Applicable | SL0273 |
| OWLID00244 | 2021-060AB | 48992 | Not Applicable | Not Applicable | SL0274 |
| OWLID00245 | 2021-060AC | 48993 | Not Applicable | Not Applicable | SL0275 |
| OWLID00246 | 2021-060AD | 48994 | Not Applicable | Not Applicable | SL0276 |
| OWLID00247 | 2021-060AE | 48995 | Not Applicable | Not Applicable | SL0277 |
| OWLID00248 | 2021-060AF | 48996 | Not Applicable | Not Applicable | SL0278 |
| OWLID00249 | 2021-060AG | 48997 | Not Applicable | Not Applicable | SL0279 |
| OWLID00250 | 2021-060AH | 48998 | Not Applicable | Not Applicable | SL0280 |
| OWLID00251 | 2021-060AJ | 48999 | Not Applicable | Not Applicable | SL0281 |
| OWLID00252 | 2021-060AK | 49000 | Not Applicable | Not Applicable | SL0282 |
| OWLID00253 | 2021-060AL | 49001 | Not Applicable | Not Applicable | SL0283 |
| OWLID00254 | 2021-060AM | 49002 | Not Applicable | Not Applicable | SL0284 |

Faraday_Pheonix

Owner/Operator

In-Space Missions Ltd, 8 Oriel Court, Omega Park, Alton, GU34 2YT

Date of launch

30 June 2021

Location of launch

Cape Canaveral

Designation

2021-059AX

Catalogue Number

48924

Nodal period

95.16

Inclination

97.52

Apogee

540

Perigee

512

Orbital position

Not applicable

General Function

In Orbit Demonstration

Notified to the UN

28 September 2021

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

October 2021

Licence issued under the Outer Space Act 1986

11 June 21

Additional information

Not applicable.

OneWeb Launch 9 (OWLID00255-OWLID00288)

Owner/Operator

Network Access Associates Limited, 195 Wood Lane, West Works Building, London, W12 7FQ

Date of launch

21 August 2021

Location of launch

Baikonur, Kazakhstan

Designation

See Annex 8 for details

Catalogue Number

See Annex 8 for details

Nodal period

109.4

Inclination

87.9

Apogee

1185

Perigee

1213

Orbital position

Not applicable

General Function

Communications

Notified to the UN

23 September 2021

Disposed or decayed

See Annex 8 for details

Disposal Notified to the UN

See Annex 8 for details

Accepted onto UK Register of Space

October 2021

Licence issued under the Outer Space Act 1986

16 July 2021

Additional information

Not applicable.

Annex 8

OneWeb Launch 9 – Baikonur, Kazakhstan 21 August 2021

| Name | Designation | Catalogue number | Disposed or decayed | Disposal notified to the UN | Additional information (Other names) |
|-------------|-------------|------------------|---------------------|-----------------------------|--------------------------------------|
| OWLID00255 | 2021-075A | 49075 | Not Applicable | Not Applicable | SL0285 |
| OWLID00256 | 2021-075B | 49076 | Not Applicable | Not Applicable | SL0286 |
| OWLID00257 | 2021-075C | 49077 | Not Applicable | Not Applicable | SL0287 |
| OWLID00258 | 2021-075D | 49078 | Not Applicable | Not Applicable | SL0288 |
| OWLID00259 | 2021-075E | 49079 | Not Applicable | Not Applicable | SL0289 |
| OWLID00260 | 2021-075F | 49080 | Not Applicable | Not Applicable | SL0290 |
| OWLID00261 | 2021-075G | 49081 | Not Applicable | Not Applicable | SL0291 |
| OWLID00262 | 2021-075H | 49082 | Not Applicable | Not Applicable | SL0293 |
| OWLID00263 | 2021-075J | 49083 | Not Applicable | Not Applicable | SL0294 |
| OWLID00264 | 2021-075K | 49084 | Not Applicable | Not Applicable | SL0295 |
| OWLID00265 | 2021-075L | 49085 | Not Applicable | Not Applicable | SL0296 |
| OWLID00266 | 2021-075M | 49086 | Not Applicable | Not Applicable | SL0297 |
| OWLID00267 | 2021-075N | 49087 | Not Applicable | Not Applicable | SL0298 |
| OWLID00268 | 2021-075P | 49088 | Not Applicable | Not Applicable | SL0299 |
| OWLID00269 | 2021-075Q | 49089 | Not Applicable | Not Applicable | SL0300 |
| OWLID00270 | 2021-075R | 49090 | Not Applicable | Not Applicable | SL0301 |
| OWLID00271 | 2021-075S | 49091 | Not Applicable | Not Applicable | SL0302 |
| OWLID00272 | 2021-075T | 49092 | Not Applicable | Not Applicable | SL0304 |
| OWLID00273 | 2021-075U | 49093 | Not Applicable | Not Applicable | SL0305 |
| OWLID00274 | 2021-075V | 49094 | Not Applicable | Not Applicable | SL0308 |
| OWLID00275 | 2021-075W | 49095 | Not Applicable | Not Applicable | SL0309 |
| OWLID00276 | 2021-075X | 49096 | Not Applicable | Not Applicable | SL0310 |
| OWLID00277 | 2021-075Y | 49097 | Not Applicable | Not Applicable | SL0311 |
| OWLID00278 | 2021-075Z | 49098 | Not Applicable | Not Applicable | SL0312 |
| OWLID00279 | 2021-075AA | 49099 | Not Applicable | Not Applicable | SL0313 |
| OWLID00280 | 2021-075AB | 49100 | Not Applicable | Not Applicable | SL0314 |
| OWLID00281 | 2021-075AC | 49101 | Not Applicable | Not Applicable | SL0315 |
| OWLID00282 | 2021-075AD | 49102 | Not Applicable | Not Applicable | SL0316 |
| OWLID00283 | 2021-075AE | 49103 | Not Applicable | Not Applicable | SL0317 |
| OWLID00284 | 2021-075AF | 49104 | Not Applicable | Not Applicable | SL0318 |
| OWLID00285 | 2021-075AG | 49105 | Not Applicable | Not Applicable | SL0319 |
| OWLID000286 | 2021-075AH | 49106 | Not Applicable | Not Applicable | SL0323 |

| | | | | | |
|-------------------|------------|-------|----------------|----------------|--------|
| OWLID00287 | 2021-075AJ | 49107 | Not Applicable | Not Applicable | SL0329 |
| OWLID00288 | 2021-075AK | 49108 | Not Applicable | Not Applicable | SL0330 |

OneWeb Launch 10 (OWLID00289-OWLID00322)

Owner/Operator

Netowrk Access Associates Limited, 195 Wood Lane, West Works Building, London, W12 7FQ

Date of launch

14 September 2021

Location of launch

Baikonur, Kazakhstan

Designation

See Annex 9 for details

Catalogue Number

See Annex 9 for details

Nodal period

109.4

Inclination

87.9

Apogee

1181

Perigee

1209

Orbital position

Not applicable

General Function

Communications

Notified to the UN

23 September 2021

Disposed or decayed

See Annex 9 for details

Disposal Notified to the UN

See Annex 9 for details

Accepted onto UK Register of Space

October 2021

Licence issued under the Outer Space Act 1986

27 July 2021

Additional information

Not applicable.

Annex 9

OneWeb Launch 10 – Baikonur, Kazakhstan 14 September 2021

| Name | Designation | Catalogue number | Disposed or decayed | Disposal notified to the UN | Additional information (Other names) |
|-------------------|-------------|------------------|---------------------|-----------------------------|---|
| OWLID00289 | 2021-083A | 49186 | Not Applicable | Not Applicable | SL292 |
| OWLID00290 | 2021-083B | 49187 | Not Applicable | Not Applicable | SL303 |
| OWLID00291 | 2021-083C | 49188 | Not Applicable | Not Applicable | SL306 |
| OWLID00292 | 2021-083D | 49189 | Not Applicable | Not Applicable | SL307 |
| OWLID00293 | 2021-083E | 49190 | Not Applicable | Not Applicable | SL320 |
| OWLID00294 | 2021-083F | 49191 | Not Applicable | Not Applicable | SL321 |
| OWLID00295 | 2021-083G | 49192 | Not Applicable | Not Applicable | SL322 |
| OWLID00296 | 2021-083H | 49193 | Not Applicable | Not Applicable | SL324 |
| OWLID00297 | 2021-083J | 49194 | Not Applicable | Not Applicable | SL325 |
| OWLID00298 | 2021-083K | 49195 | Not Applicable | Not Applicable | SL326 |
| OWLID00299 | 2021-083L | 49196 | Not Applicable | Not Applicable | SL327 |
| OWLID00300 | 2021-083M | 49197 | Not Applicable | Not Applicable | SL328 |
| OWLID00301 | 2021-083N | 49198 | Not Applicable | Not Applicable | SL331 |
| OWLID00302 | 2021-083P | 49199 | Not Applicable | Not Applicable | SL333 |
| OWLID00303 | 2021-083Q | 49200 | Not Applicable | Not Applicable | SL334 |
| OWLID00304 | 2021-083R | 49201 | Not Applicable | Not Applicable | SL335 |
| OWLID00305 | 2021-083S | 49202 | Not Applicable | Not Applicable | SL336 |
| OWLID00306 | 2021-083T | 49203 | Not Applicable | Not Applicable | SL337 |
| OWLID00307 | 2021-083U | 49204 | Not Applicable | Not Applicable | SL338 |
| OWLID00308 | 2021-083V | 49205 | Not Applicable | Not Applicable | SL339 |
| OWLID00309 | 2021-083W | 49206 | Not Applicable | Not Applicable | SL340 |
| OWLID00310 | 2021-083X | 49207 | Not Applicable | Not Applicable | SL341 |
| OWLID00311 | 2021-083Y | 49208 | Not Applicable | Not Applicable | SL342 |

| | | | | | |
|-------------------|------------|-------|----------------|----------------|-------|
| OWLID00312 | 2021-083Z | 49209 | Not Applicable | Not Applicable | SL343 |
| OWLID00313 | 2021-083AA | 49210 | Not Applicable | Not Applicable | SL344 |
| OWLID00314 | 2021-083AB | 49211 | Not Applicable | Not Applicable | SL345 |
| OWLID00315 | 2021-083AC | 49212 | Not Applicable | Not Applicable | SL346 |
| OWLID00316 | 2021-083AD | 49213 | Not Applicable | Not Applicable | SL348 |
| OWLID00317 | 2021-083AE | 49214 | Not Applicable | Not Applicable | SL350 |
| OWLID00318 | 2021-083AF | 49215 | Not Applicable | Not Applicable | SL351 |
| OWLID00319 | 2021-083AG | 49216 | Not Applicable | Not Applicable | SL352 |
| OWLID00320 | 2021-083AH | 49217 | Not Applicable | Not Applicable | SL354 |
| OWLID00321 | 2021-083AJ | 49218 | Not Applicable | Not Applicable | SL355 |
| OWLID00322 | 2021-083AK | 49219 | Not Applicable | Not Applicable | SL357 |

OneWeb Launch 11 (OWLID00323-OWLID00358)

Owner/Operator

Network Access Associates Limited, 195 Wood Lane, West Works Building, London, W12 7FQ

Date of launch

14 October 2021

Location of launch

Baikonur, Kazakhstan

Designation

See Annex 10 for details

Catalogue Number

See Annex 10 for details

Nodal period

109.4

Inclination

87.9

Apogee

1177

Perigee

1205

Orbital position

Not available

General Function

Communications

Notified to the UN

2 November 2021

Disposed or decayed

See Annex 10 for details

Disposal Notified to the UN

See Annex 10 for details

Accepted onto UK Register of Space

December 2021

Licence issued under the Outer Space Act 1986

28 September 2021

Additional information

See Annex 10 for details of each individual satellite in this launch.

Annex 10

OneWeb Launch 11 – Vostochny Cosmodrome 14 October 2021

| Name | Designation | Catalogue number | Disposed or decayed | Disposal notified to the UN | Additional information (Other names) |
|-------------------|-------------|------------------|---------------------|-----------------------------|--------------------------------------|
| OWLID00323 | 2021-090A | 49279 | Not Applicable | Not Applicable | SL332 |
| OWLID00324 | 2021-090B | 49280 | Not Applicable | Not Applicable | SL347 |
| OWLID00325 | 2021-090C | 49281 | Not Applicable | Not Applicable | SL349 |
| OWLID00326 | 2021-090D | 49282 | Not Applicable | Not Applicable | SL353 |
| OWLID00327 | 2021-090E | 49283 | Not Applicable | Not Applicable | SL356 |
| OWLID00328 | 2021-090F | 49284 | Not Applicable | Not Applicable | SL358 |
| OWLID00329 | 2021-090G | 49285 | Not Applicable | Not Applicable | SL359 |
| OWLID00330 | 2021-090H | 49286 | Not Applicable | Not Applicable | SL360 |
| OWLID00331 | 2021-090J | 49287 | Not Applicable | Not Applicable | SL361 |
| OWLID00332 | 2021-090K | 49288 | Not Applicable | Not Applicable | SL362 |
| OWLID00333 | 2021-090L | 49289 | Not Applicable | Not Applicable | SL363 |
| OWLID00334 | 2021-090M | 49290 | Not Applicable | Not Applicable | SL364 |
| OWLID00335 | 2021-090N | 49291 | Not Applicable | Not Applicable | SL365 |
| OWLID00336 | 2021-090P | 49292 | Not Applicable | Not Applicable | SL366 |
| OWLID00337 | 2021-090Q | 49293 | Not Applicable | Not Applicable | SL367 |
| OWLID00338 | 2021-090R | 49294 | Not Applicable | Not Applicable | SL368 |
| OWLID00339 | 2021-090S | 49295 | Not Applicable | Not Applicable | SL369 |
| OWLID00340 | 2021-090T | 49296 | Not Applicable | Not Applicable | SL370 |
| OWLID00341 | 2021-090U | 49297 | Not Applicable | Not Applicable | SL371 |
| OWLID00342 | 2021-090V | 49298 | Not Applicable | Not Applicable | SL372 |
| OWLID00343 | 2021-090W | 49299 | Not Applicable | Not Applicable | SL373 |
| OWLID00344 | 2021-090X | 49300 | Not Applicable | Not Applicable | SL374 |
| OWLID00345 | 2021-090Y | 49301 | Not Applicable | Not Applicable | SL375 |
| OWLID00346 | 2021-090Z | 49302 | Not Applicable | Not Applicable | SL376 |
| OWLID00347 | 2021-090AA | 49303 | Not Applicable | Not Applicable | SL377 |
| OWLID00348 | 2021-090AB | 49304 | Not Applicable | Not Applicable | SL378 |
| OWLID00349 | 2021-090AC | 49305 | Not Applicable | Not Applicable | SL379 |
| OWLID00350 | 2021-090AD | 49306 | Not Applicable | Not Applicable | SL380 |
| OWLID00351 | 2021-090AE | 49307 | Not Applicable | Not Applicable | SL381 |
| OWLID00352 | 2021-090AF | 49308 | Not Applicable | Not Applicable | SL382 |
| OWLID00353 | 2021-090AG | 49309 | Not Applicable | Not Applicable | SL383 |
| OWLID00354 | 2021-090AH | 49310 | Not Applicable | Not Applicable | SL384 |

| | | | | | |
|-------------------|----------------|-------|----------------|----------------|-------|
| OWLID00355 | 2021-090AJ | 49311 | Not Applicable | Not Applicable | SL385 |
| OWLID00356 | 2021-090AK | 49312 | Not Applicable | Not Applicable | SL386 |
| OWLID00357 | 2021-090AL | 49313 | Not Applicable | Not Applicable | SL387 |
| OWLID00358 | 2021- 090AM | 49314 | Not Applicable | Not Applicable | SL388 |

Inmarsat-6 F1

Owner/Operator

Inmarsat Global Ltd, 99 City Road, London, EC1Y 1AX

Date of launch

22 December 2021

Location of launch

Tanegashima Island, Japan

Designation

2021-128A

Catalogue Number

50319

Nodal period

1268.28

Inclination

30.04

Apogee

35786

Perigee

35786

Orbital position

28W

General Function

Communications

Notified to the UN

12 January 2022

Disposed or decayed

Not available

Disposal Notified to the UN

Not available

Accepted onto UK Register of Space

12 January 2022

Licence issued under the Outer Space Act 1986

16 December 2021

Additional information

Not available.

OneWeb Launch 12 (OWLID00359-OWLID00394)

Owner/Operator

Network Access Associates Limited, 195 Wood Lane, West Works Building, London, W12 7FQ

Date of launch

27 December 2021

Location of launch

Baikonur, Kazakhstan

Designation

See Annex 11 for details

Catalogue Number

See Annex 11 for details

Nodal period

109.4

Inclination

87.8

Apogee

1189

Perigee

1217

Orbital position

Not applicable

General Function

Communications

Notified to the UN

12 January 2022

Disposed or decayed

See Annex 11 for details

Disposal Notified to the UN

See Annex 11 for details

Accepted onto UK Register of Space

12 January 2022

Licence issued under the Outer Space Act 1986

10 December 2021

Additional information

See Annex 11 for details of each individual satellite in this launch.

Annex 11

OneWeb Launch 12 – Baikonur, Kazakhstan 27 December 2021

| Name | Designation | Catalogue number | Disposed or decayed | Disposal notified to the UN | Additional information (Other names) |
|-------------------|-------------|------------------|---------------------|-----------------------------|--------------------------------------|
| OWLID00359 | 2021-132A | 50469 | Not Applicable | Not Applicable | SL0389 |
| OWLID00360 | 2021-132B | 50470 | Not Applicable | Not Applicable | SL0390 |
| OWLID00361 | 2021-132C | 50471 | Not Applicable | Not Applicable | SL0391 |
| OWLID00362 | 2021-132D | 50472 | Not Applicable | Not Applicable | SL0392 |
| OWLID00363 | 2021-132E | 50473 | Not Applicable | Not Applicable | SL0393 |
| OWLID00364 | 2021-132F | 50474 | Not Applicable | Not Applicable | SL0394 |
| OWLID00365 | 2021-132G | 50475 | Not Applicable | Not Applicable | SL0395 |
| OWLID00366 | 2021-132H | 50476 | Not Applicable | Not Applicable | SL0396 |
| OWLID00367 | 2021-132J | 50477 | Not Applicable | Not Applicable | SL0397 |
| OWLID00368 | 2021-132K | 50478 | Not Applicable | Not Applicable | SL0398 |
| OWLID00369 | 2021-132L | 50479 | Not Applicable | Not Applicable | SL0399 |
| OWLID00370 | 2021-132M | 50480 | Not Applicable | Not Applicable | SL0400 |
| OWLID00371 | 2021-132N | 50481 | Not Applicable | Not Applicable | SL0401 |
| OWLID00372 | 2021-132P | 50482 | Not Applicable | Not Applicable | SL0402 |
| OWLID00373 | 2021-132Q | 50483 | Not Applicable | Not Applicable | SL0403 |
| OWLID00374 | 2021-132R | 50484 | Not Applicable | Not Applicable | SL0404 |
| OWLID00375 | 2021-132S | 50485 | Not Applicable | Not Applicable | SL0405 |
| OWLID00376 | 2021-132T | 50486 | Not Applicable | Not Applicable | SL0406 |
| OWLID00377 | 2021-132U | 50487 | Not Applicable | Not Applicable | SL0407 |
| OWLID00378 | 2021-132V | 50488 | Not Applicable | Not Applicable | SL0409 |
| OWLID00379 | 2021-132W | 50489 | Not Applicable | Not Applicable | SL0412 |
| OWLID00380 | 2021-132X | 50490 | Not Applicable | Not Applicable | SL0413 |
| OWLID00381 | 2021-132Y | 50491 | Not Applicable | Not Applicable | SL0414 |
| OWLID00382 | 2021-132Z | 50492 | Not Applicable | Not Applicable | SL0417 |
| OWLID00383 | 2021-132AA | 50493 | Not Applicable | Not Applicable | SL0418 |
| OWLID00384 | 2021-132AB | 50494 | Not Applicable | Not Applicable | SL0419 |
| OWLID00385 | 2021-132AC | 50495 | Not Applicable | Not Applicable | SL0420 |
| OWLID00386 | 2021-132AD | 50496 | Not Applicable | Not Applicable | SL0421 |
| OWLID00387 | 2021-132AE | 50497 | Not Applicable | Not Applicable | SL0424 |
| OWLID00388 | 2021-132AF | 50498 | Not Applicable | Not Applicable | SL0426 |
| OWLID00389 | 2021-132AG | 50499 | Not Applicable | Not Applicable | SL0427 |
| OWLID00390 | 2021-132AH | 50500 | Not Applicable | Not Applicable | SL0429 |
| OWLID00391 | 2021-132AJ | 50501 | Not Applicable | Not Applicable | SL0430 |
| OWLID00392 | 2021-132AK | 50502 | Not Applicable | Not Applicable | SL0432 |
| OWLID00393 | 2021-132AL | 50503 | Not Applicable | Not Applicable | SL0440 |
| OWLID00394 | 2021-132AM | 50504 | Not Applicable | Not Applicable | SL0450 |

OneWeb Launch 13 (OWLID00395-OWLID00428)

Owner/Operator

Network Access Associates Limited, 195 Wood Lane, West Works Building, London, W12 7FQ

Date of launch

10 February 2022

Location of launch

Baikonur, Kazakhstan

Designation

See Annex 12 for details

Catalogue Number

See Annex 12 for details

Nodal period

109.4

Inclination

87.8

Apogee

1213

Perigee

1221

Orbital position

Not applicable

General Function

Communications

Notified to the UN

8 March 2022

Disposed or decayed

See Annex 12 for details

Disposal Notified to the UN

See Annex 12 for details

Accepted onto UK Register of Space

April 2022

Licence issued under the Outer Space Act 1986

3 February 2022

Additional information

Not applicable.

Annex 12

OneWeb Launch 13 – Kourou, French Guiana 10 February 2022

| Name | Designation | Catalogue number | Disposed or decayed | Disposal notified to the UN | Additional information (Other names) |
|------------|-------------|------------------|---------------------|-----------------------------|--------------------------------------|
| OWLID00395 | 2022-012A | 51622 | Not Applicable | Not Applicable | SL0410 |
| OWLID00396 | 2022-012B | 51623 | Not Applicable | Not Applicable | SL0411 |
| OWLID00397 | 2022-012C | 51624 | Not Applicable | Not Applicable | SL0415 |
| OWLID00398 | 2022-012D | 51625 | Not Applicable | Not Applicable | SL0416 |
| OWLID00399 | 2022-012E | 51626 | Not Applicable | Not Applicable | SL0422 |
| OWLID00400 | 2022-012F | 51627 | Not Applicable | Not Applicable | SL0423 |
| OWLID00401 | 2022-012G | 51628 | Not Applicable | Not Applicable | SL0425 |
| OWLID00402 | 2022-012H | 51629 | Not Applicable | Not Applicable | SL0428 |
| OWLID00403 | 2022-012J | 51630 | Not Applicable | Not Applicable | SL0431 |
| OWLID00404 | 2022-012K | 51631 | Not Applicable | Not Applicable | SL0434 |
| OWLID00405 | 2022-012L | 51632 | Not Applicable | Not Applicable | SL0435 |
| OWLID00406 | 2022-012M | 51633 | Not Applicable | Not Applicable | SL0436 |
| OWLID00407 | 2022-012N | 51634 | Not Applicable | Not Applicable | SL0438 |
| OWLID00408 | 2022-012P | 51635 | Not Applicable | Not Applicable | SL0439 |
| OWLID00409 | 2022-012Q | 51636 | Not Applicable | Not Applicable | SL0442 |
| OWLID00410 | 2022-012R | 51637 | Not Applicable | Not Applicable | SL0443 |
| OWLID00411 | 2022-012S | 51638 | Not Applicable | Not Applicable | SL0444 |
| OWLID00412 | 2022-012T | 51639 | Not Applicable | Not Applicable | SL0445 |
| OWLID00413 | 2022-012U | 51640 | Not Applicable | Not Applicable | SL0446 |
| OWLID00414 | 2022-012V | 51641 | Not Applicable | Not Applicable | SL0448 |
| OWLID00415 | 2022-012W | 51642 | Not Applicable | Not Applicable | SL0449 |
| OWLID00416 | 2022-012X | 51643 | Not Applicable | Not Applicable | SL0451 |
| OWLID00417 | 2022-012Y | 51644 | Not Applicable | Not Applicable | SL0452 |
| OWLID00418 | 2022-012Z | 51645 | Not Applicable | Not Applicable | SL0455 |
| OWLID00419 | 2022-012AA | 51646 | Not Applicable | Not Applicable | SL0456 |
| OWLID00420 | 2022-012AB | 51647 | Not Applicable | Not Applicable | SL0457 |
| OWLID00421 | 2022-012AC | 51648 | Not Applicable | Not Applicable | SL0458 |
| OWLID00422 | 2022-012AD | 51649 | Not Applicable | Not Applicable | SL0461 |
| OWLID00423 | 2022-012AE | 51650 | Not Applicable | Not Applicable | SL0463 |
| OWLID00424 | 2022-012AF | 51651 | Not Applicable | Not Applicable | SL0464 |
| OWLID00425 | 2022-012AG | 51652 | Not Applicable | Not Applicable | SL0468 |
| OWLID00426 | 2022-012AH | 51653 | Not Applicable | Not Applicable | SL0473 |
| OWLID00427 | 2022-012AJ | 51654 | Not Applicable | Not Applicable | SL0474 |
| OWLID00428 | 2022-012AK | 51655 | Not Applicable | Not Applicable | SL0475 |

OneWeb Launch 14 (OWLID00429-OWLID00464)

Owner/Operator

Network Access Associates Limited, 195 Wood Lane, West Works Building, London, W12 7FQ

Date of launch

22 October 2022

Location of launch

Satish Dhawan Space Centre

Designation

See Annex 13 for details

Catalogue Number

See Annex 13 for details

Nodal period

109.4

Inclination

87.8

Apogee

1185

Perigee

1177

Orbital position

Not applicable

General Function

Communications

Notified to the UN

8 November 2022

Disposed or decayed

See Annex 13 for details

Disposal Notified to the UN

See Annex 13 for details

Accepted onto UK Register of Space

7 December 2022

Licence issued under the Outer Space Act 1986

25 February 2022

Additional information

Not applicable.

Annex 13

OneWeb Launch 14 – Satish Dhawan Space Centre 2022

| Name | Designation | Catalogue number | Disposed or decayed | Disposal notified to the UN | Additional information (Other names) |
|------------|-------------|------------------|---------------------|-----------------------------|--------------------------------------|
| OWLID00429 | 2022-138A | 54113 | Not Applicable | Not Applicable | SL0490 |
| OWLID00430 | 2022-138B | 54114 | Not Applicable | Not Applicable | SL0492 |
| OWLID00431 | 2022-138C | 54115 | Not Applicable | Not Applicable | SL0495 |
| OWLID00432 | 2022-138D | 54116 | Not Applicable | Not Applicable | SL0497 |
| OWLID00433 | 2022-138E | 54117 | Not Applicable | Not Applicable | SL0499 |
| OWLID00434 | 2022-138F | 54118 | Not Applicable | Not Applicable | SL0500 |
| OWLID00435 | 2022-138G | 54119 | Not Applicable | Not Applicable | SL0501 |
| OWLID00436 | 2022-138H | 54120 | Not Applicable | Not Applicable | SL0502 |
| OWLID00437 | 2022-138J | 54121 | Not Applicable | Not Applicable | SL0503 |
| OWLID00438 | 2022-138K | 54122 | Not Applicable | Not Applicable | SL0504 |
| OWLID00439 | 2022-138L | 54123 | Not Applicable | Not Applicable | SL0505 |
| OWLID00440 | 2022-138M | 54124 | Not Applicable | Not Applicable | SL0506 |
| OWLID00441 | 2022-138N | 54125 | Not Applicable | Not Applicable | SL0507 |
| OWLID00442 | 2022-138P | 54126 | Not Applicable | Not Applicable | SL0508 |
| OWLID00443 | 2022-138Q | 54127 | Not Applicable | Not Applicable | SL0509 |
| OWLID00444 | 2022-138R | 54128 | Not Applicable | Not Applicable | SL0510 |
| OWLID00445 | 2022-138S | 54129 | Not Applicable | Not Applicable | SL0511 |
| OWLID00446 | 2022-138T | 54130 | Not Applicable | Not Applicable | SL0512 |
| OWLID00447 | 2022-138U | 54131 | Not Applicable | Not Applicable | SL0513 |
| OWLID00448 | 2022-138V | 54132 | Not Applicable | Not Applicable | SL0514 |
| OWLID00449 | 2022-138W | 54133 | Not Applicable | Not Applicable | SL0515 |
| OWLID00450 | 2022-138X | 54134 | Not Applicable | Not Applicable | SL0516 |
| OWLID00451 | 2022-138Y | 54135 | Not Applicable | Not Applicable | SL0517 |

| | | | | | |
|-------------------|------------|-------|----------------|----------------|--------|
| OWLID00452 | 2022-138Z | 54136 | Not Applicable | Not Applicable | SL0518 |
| OWLID00453 | 2022-138AA | 54137 | Not Applicable | Not Applicable | SL0519 |
| OWLID00454 | 2022-138AB | 54138 | Not Applicable | Not Applicable | SL0520 |
| OWLID00455 | 2022-138AC | 54139 | Not Applicable | Not Applicable | SL0521 |
| OWLID00456 | 2022-138AD | 54140 | Not Applicable | Not Applicable | SL0522 |
| OWLID00457 | 2022-138AE | 54141 | Not Applicable | Not Applicable | SL0523 |
| OWLID00458 | 2022-138AF | 54142 | Not Applicable | Not Applicable | SL0524 |
| OWLID00459 | 2022-138AG | 54143 | Not Applicable | Not Applicable | SL0525 |
| OWLID00460 | 2022-138AH | 54144 | Not Applicable | Not Applicable | SL0526 |
| OWLID00461 | 2022-138AJ | 54145 | Not Applicable | Not Applicable | SL0529 |
| OWLID00462 | 2022-138AK | 54146 | Not Applicable | Not Applicable | SL0531 |
| OWLID00463 | 2022-138AL | 54147 | Not Applicable | Not Applicable | SL0535 |
| OWLID00464 | 2022-138AM | 54148 | Not Applicable | Not Applicable | SL0536 |

OneWeb Launch 15 (OWLID00465-OWLID00504)

Owner/Operator

Network Access Associates Limited, 195 Wood Lane, West Works Building, London, W12 7FQ

Date of launch

8 December 2022

Location of launch

Cape Canaveral

Designation

See Annex 14 for details

Catalogue Number

See Annex 14 for details

Nodal period

109.4

Inclination

87.9

Apogee

1177

Perigee

1173

Orbital position

Not applicable

General Function

Communications

Notified to the UN

Not applicable

Disposed or decayed

See Annex 14 for details

Disposal Notified to the UN

See Annex 14 for details

Accepted onto UK Register of Space

5 January 2023

Licence issued under the Outer Space Act 1986

28 November 2022

Additional information

Not applicable.

Annex 14

OneWeb Launch 15 –Cape Canaveral 2023

| Name | Designation | Catalogue number | Disposed or decayed | Disposal notified to the UN | Additional information (Other names) |
|------------|-------------|------------------|---------------------|-----------------------------|--------------------------------------|
| OWLID00465 | 2022-166A | 54642 | Not Applicable | Not Applicable | SL0527 |
| OWLID00466 | 2022-166B | 54643 | Not Applicable | Not Applicable | SL0528 |
| OWLID00467 | 2022-166C | 54644 | Not Applicable | Not Applicable | SL0539 |
| OWLID00468 | 2022-166D | 54645 | Not Applicable | Not Applicable | SL0540 |
| OWLID00469 | 2022-166E | 54646 | Not Applicable | Not Applicable | SL0542 |
| OWLID00470 | 2022-166F | 54647 | Not Applicable | Not Applicable | SL0545 |
| OWLID00471 | 2022-166G | 54648 | Not Applicable | Not Applicable | SL0580 |
| OWLID00472 | 2022-166H | 54649 | Not Applicable | Not Applicable | SL0582 |
| OWLID00473 | 2022-166J | 54650 | Not Applicable | Not Applicable | SL0583 |
| OWLID00474 | 2022-166K | 54651 | Not Applicable | Not Applicable | SL0584 |
| OWLID00475 | 2022-166L | 54652 | Not Applicable | Not Applicable | SL0585 |
| OWLID00476 | 2022-166M | 54653 | Not Applicable | Not Applicable | SL0586 |
| OWLID00477 | 2022-166N | 54654 | Not Applicable | Not Applicable | SL0587 |
| OWLID00478 | 2022-166P | 54655 | Not Applicable | Not Applicable | SL0589 |
| OWLID00479 | 2022-166Q | 54656 | Not Applicable | Not Applicable | SL0590 |
| OWLID00480 | 2022-166R | 54657 | Not Applicable | Not Applicable | SL0591 |
| OWLID00481 | 2022-166S | 54658 | Not Applicable | Not Applicable | SL0592 |
| OWLID00482 | 2022-166T | 54659 | Not Applicable | Not Applicable | SL0593 |
| OWLID00483 | 2022-166U | 54660 | Not Applicable | Not Applicable | SL0594 |
| OWLID00484 | 2022-166V | 54661 | Not Applicable | Not Applicable | SL0595 |
| OWLID00485 | 2022-166W | 54662 | Not Applicable | Not Applicable | SL0596 |
| OWLID00486 | 2022-166X | 54663 | Not Applicable | Not Applicable | SL0597 |
| OWLID00487 | 2022-166Y | 54664 | Not Applicable | Not Applicable | SL0600 |
| OWLID00488 | 2022-166Z | 54665 | Not Applicable | Not Applicable | SL0601 |

| | | | | | |
|-------------------|------------|-------|----------------|----------------|--------|
| OWLID00489 | 2022-166AA | 54666 | Not Applicable | Not Applicable | SL0602 |
| OWLID00490 | 2022-166AB | 54667 | Not Applicable | Not Applicable | SL0603 |
| OWLID00491 | 2022-166AC | 54668 | Not Applicable | Not Applicable | SL0604 |
| OWLID00492 | 2022-166AD | 54669 | Not Applicable | Not Applicable | SL0605 |
| OWLID00493 | 2022-166AE | 54670 | Not Applicable | Not Applicable | SL0606 |
| OWLID00494 | 2022-166AF | 54671 | Not Applicable | Not Applicable | SL0607 |
| OWLID00495 | 2022-166AG | 54672 | Not Applicable | Not Applicable | SL0608 |
| OWLID00496 | 2022-166AH | 54673 | Not Applicable | Not Applicable | SL0610 |
| OWLID00497 | 2022-166AJ | 54674 | Not Applicable | Not Applicable | SL0611 |
| OWLID00498 | 2022-166AK | 54675 | Not Applicable | Not Applicable | SL0612 |
| OWLID00499 | 2022-166AL | 54676 | Not Applicable | Not Applicable | SL0615 |
| OWLID00500 | 2022-166AM | 54677 | Not Applicable | Not Applicable | SL0655 |
| OWLID00501 | 2022-166AN | 54678 | Not Applicable | Not Applicable | SL0659 |
| OWLID00502 | 2022-166AP | 54679 | Not Applicable | Not Applicable | SL0685 |
| OWLID00503 | 2022-166AQ | 54680 | Not Applicable | Not Applicable | SL0712 |
| OWLID00504 | 2022-166AR | 54681 | Not Applicable | Not Applicable | SL0714 |

OneWeb Launch 16 (OWLID00505-OWLID00544)

Owner/Operator

Network Access Associates Limited, 195 Wood Lane, West Works, Building London, W12 7FQ

Date of launch

10 January 2023

Location of launch

Cape Canaveral

Designation

See Annex 15 for details

Catalogue Number

See Annex 15 for details

Nodal period

109.4

Inclination

87.9

Apogee

1217

Perigee

1185

Orbital position

Not applicable

General Function

Not applicable

Notified to the UN

Communications

Disposed or decayed

24 January 2023

Disposal Notified to the UN

See Annex 15 for details

Accepted onto UK Register of Space

24 January 2023

Licence issued under the Outer Space Act 1986

22 December 2022

Additional information

Not applicable.

Annex 15

OneWeb Launch 16 –Cape Canaveral 2023

| Name | Designation | Catalogue number | Disposed or decayed | Disposal notified to the UN | Additional information (Other names) |
|-------------------|-------------|------------------|---------------------|-----------------------------|---|
| OWLID00505 | 2023-004A | 55140 | Not Applicable | Not Applicable | SL0532 |
| OWLID00506 | 2023-004B | 55141 | Not Applicable | Not Applicable | SL0533 |
| OWLID00507 | 2023-004C | 55142 | Not Applicable | Not Applicable | SL0541 |
| OWLID00508 | 2023-004D | 55143 | Not Applicable | Not Applicable | SL0543 |
| OWLID00509 | 2023-004E | 55144 | Not Applicable | Not Applicable | SL0544 |
| OWLID00510 | 2023-004F | 55145 | Not Applicable | Not Applicable | SL0560 |
| OWLID00511 | 2023-004G | 55146 | Not Applicable | Not Applicable | SL0565 |
| OWLID00512 | 2023-004H | 55147 | Not Applicable | Not Applicable | SL0567 |
| OWLID00513 | 2023-004J | 55148 | Not Applicable | Not Applicable | SL0569 |
| OWLID00514 | 2023-004K | 55149 | Not Applicable | Not Applicable | SL0570 |
| OWLID00515 | 2023-004L | 55150 | Not Applicable | Not Applicable | SL0571 |
| OWLID00516 | 2023-004M | 55151 | Not Applicable | Not Applicable | SL0572 |
| OWLID00517 | 2023-004N | 55152 | Not Applicable | Not Applicable | SL0573 |
| OWLID00518 | 2023-004P | 55153 | Not Applicable | Not Applicable | SL0588 |
| OWLID00519 | 2023-004Q | 55154 | Not Applicable | Not Applicable | SL0598 |
| OWLID00520 | 2023-004R | 55155 | Not Applicable | Not Applicable | SL0599 |
| OWLID00521 | 2023-004S | 55156 | Not Applicable | Not Applicable | SL0614 |
| OWLID00522 | 2023-004T | 55157 | Not Applicable | Not Applicable | SL0616 |
| OWLID00523 | 2023-004U | 55158 | Not Applicable | Not Applicable | SL0617 |
| OWLID00524 | 2023-004V | 55159 | Not Applicable | Not Applicable | SL0618 |
| OWLID00525 | 2023-004W | 55160 | Not Applicable | Not Applicable | SL0619 |
| OWLID00526 | 2023-004X | 55161 | Not Applicable | Not Applicable | SL0620 |
| OWLID00527 | 2023-004Y | 55162 | Not Applicable | Not Applicable | SL0621 |

| | | | | | |
|-------------------|------------|-------|----------------|----------------|--------|
| OWLID00528 | 2023-004Z | 55163 | Not Applicable | Not Applicable | SL0622 |
| OWLID00529 | 2023-004AA | 55164 | Not Applicable | Not Applicable | SL0623 |
| OWLID00530 | 2023-004AB | 55165 | Not Applicable | Not Applicable | SL0624 |
| OWLID00531 | 2023-004AC | 55166 | Not Applicable | Not Applicable | SL0625 |
| OWLID00532 | 2023-004AD | 55167 | Not Applicable | Not Applicable | SL0626 |
| OWLID00533 | 2023-004AE | 55168 | Not Applicable | Not Applicable | SL0627 |
| OWLID00534 | 2023-004AF | 55169 | Not Applicable | Not Applicable | SL0628 |
| OWLID00535 | 2023-004AG | 55170 | Not Applicable | Not Applicable | SL0629 |
| OWLID00536 | 2023-004AH | 55171 | Not Applicable | Not Applicable | SL0631 |
| OWLID00537 | 2023-004AJ | 55172 | Not Applicable | Not Applicable | SL0709 |
| OWLID00538 | 2023-004AK | 55173 | Not Applicable | Not Applicable | SL0710 |
| OWLID00539 | 2023-004AL | 55174 | Not Applicable | Not Applicable | SL0711 |
| OWLID00540 | 2023-004AM | 55175 | Not Applicable | Not Applicable | SL0713 |
| OWLID00541 | 2023-004AN | 55176 | Not Applicable | Not Applicable | SL0715 |
| OWLID00542 | 2023-004AP | 55177 | Not Applicable | Not Applicable | SL0716 |
| OWLID00543 | 2023-004AQ | 55178 | Not Applicable | Not Applicable | SL0717 |
| OWLID00544 | 2023-004AR | 55179 | Not Applicable | Not Applicable | SL0719 |

MP01

Owner/Operator

O3b Limited, 44 Esplanade, St Helier, Jersey, JE4 9WG

Date of launch

16 December 2022

Location of launch

Cape Canaveral

Designation

2022-174A

Catalogue Number

54755

Nodal period

288

Inclination

0.1

Apogee

8073

Perigee

8057

Orbital position

Not applicable

General Function

Communications

Notified to the UN

5 January 2023

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

5 January 2023

Licence issued under the Outer Space Act 1986

9 December 2022

Additional information

Also known as SES mPOWER-A F1. Ownership transferred in April 2025 to Astra (GB) limited, New Derwent House, 69-73 Theobalds Road, London, England, WC1X 8TA.

MP02

Owner/Operator

O3b Limited, 44 Esplanade, St Helier, Jersey, JE4 9WG

Date of launch

16 December 2022

Location of launch

Cape Canaveral

Designation

2022-174B

Catalogue Number

54756

Nodal period

288

Inclination

0.1

Apogee

8073

Perigee

8057

Orbital position

Not applicable

General Function

Communications

Notified to the UN

5 January 2023

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

5 January 2023

Licence issued under the Outer Space Act 1986

9 December 2022

Additional information

Also known as SES mPOWER-A F2. Ownership transferred in April 2025 to Astra (GB) limited, New Derwent House, 69-73 Theobalds Road, London, England, WC1X 8TA.

NSL-2

Owner/Operator

Clyde Space Ltd, Skypark 5, 45 Finnieston Street Glasgow, G3 8JU

Date of launch

3 January 2023

Location of launch

Cape Canaveral

Designation

2023-001BL

Catalogue Number

55067

Nodal period

95.09

Inclination

97.51

Apogee

534

Perigee

512

Orbital position

Not applicable

General Function

Communications

Notified to the UN

9 February 2023

Disposed or decayed

11 July 2024

Disposal Notified to the UN

30 July 2024

Accepted onto UK Register of Space

9 February 2023

Licence issued under the Outer Space Act 1986 and Space Industry Act 2018

4 October 2022

Additional information

Not applicable.

AAC-AIS-SAT1

Owner/Operator

Clyde Space Ltd, Skypark 5, 45 Finnieston Street, Glasgow, G3 8JU

Date of launch

3 January 2023

Location of launch

Cape Canaveral

Designation

2023-001DC

Catalogue Number

55107

Nodal period

97.64

Inclination

98.06

Apogee

654

Perigee

637

Orbital position

Not applicable

General Function

Technology Demo

Notified to the UN

21 March 2023

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

21 March 2023

Licence issued under the Outer Space Act 1986

14 February 2022

Additional information

Not applicable.

Cosmic Girl/LauncherOne

Owner/Operator

Virgin Orbit LLC, 4022 East Conant Street, Long Beach, CA 90808

Date of launch

9 January 2024

Location of launch

Spaceport Cornwall

Designation

Not available

Catalogue Number

Not available

Nodal period

Not available

Inclination

Not available

Apogee

Not available

Perigee

Not available

Orbital position

Not available

General Function

Horizontal Launch

Notified to the UN

Not applicable

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

Not available

Licence issued under the Space Industry Act 2018

20 December 2022

Additional information

The carrier aircraft is known as "Cosmic Girl" and the launch vehicle type is known as "Launcher One". Failed horizontal launch carrying the following satellites: ForgeStar-0, Prometheus-2A, Prometheus-2B, IOD-3 AMBER, AMAN, Stork-6, CIRCE SV1, CIRCE SV2 and DOVER.

IOD-3 Amber

Owner/Operator

Satellite Applications Catapult, Electron Building, Germi Avenue, Harwell, OX11 0QR

Date of launch

Launch failure 9 January 2023

Location of launch

Spaceport Cornwall

Designation

Not applicable

Catalogue Number

Not applicable

Nodal period

Not applicable

Inclination

Not applicable

Apogee

Not applicable

Perigee

Not applicable

Orbital position

Not applicable

General Function

Not applicable

Notified to the UN

Not applicable

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

January 2023

Licence issued under the Space Industry Act 2018

21 December 2022

Additional information

Rocket failure at second stage and the satellite was lost.

DOVER

Owner/Operator

Open Cosmos Ltd, Electron Building, Fermi Avenue, Harwell, OX11 0QR

Date of launch

Launch failure 9 January 2023

Location of launch

Spaceport Cornwall

Designation

Not applicable

Catalogue Number

Not applicable

Nodal period

Not applicable

Inclination

Not applicable

Apogee

Not applicable

Perigee

Not applicable

Orbital position

Not applicable

General Function

Not applicable

Notified to the UN

Not applicable

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

January 2023

Licence issued under the Space Industry Act

6 January 2023

Additional information

Rocket failure at second stage and the satellite was lost.

ForgeStar-0

Owner/Operator

Space Forge Ltd, Unit 10, Eastgate Business Park, Wentloog Avenue, Cardiff, Wales, CF3 2EY

Date of launch

Launch failure 9 January 2023

Location of launch

Spaceport Cornwall

Designation

Not applicable

Catalogue Number

Not applicable

Nodal period

Not applicable

Inclination

Not applicable

Apogee

Not applicable

Perigee

Not applicable

Orbital position

Not applicable

General Function

Not applicable

Notified to the UN

Not applicable

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

January 2023

Licence issued under the Space Industry Act 2018

19 December 2022

Additional information

Rocket failure at second stage and the satellite was lost.

Prometheus-2A

Owner/Operator

In Space Missions Ltd, 8 Oriel Court, Alton, Hampshire, GU34 2YT

Date of launch

Launch failure 9 January 2023

Location of launch

Spaceport Cornwall

Designation

Not applicable

Catalogue Number

Not applicable

Nodal period

Not applicable

Inclination

Not applicable

Apogee

Not applicable

Perigee

Not applicable

Orbital position

Not applicable

General Function

Not applicable

Notified to the UN

Not applicable

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

January 2023

Licence issued under the Space Industry Act 2018

20 December 2022

Additional information

Rocket failure at second stage and the satellite was lost.

Prometheus-2B

Owner/Operator

In Space Missions Ltd, 8 Oriel Court, Alton, Hampshire, GU34 2YT

Date of launch

Launch failure 9 January 2023

Location of launch

Spaceport Cornwall

Designation

Not applicable

Catalogue Number

Not applicable

Nodal period

Not applicable

Inclination

Not applicable

Apogee

Not applicable

Perigee

Not applicable

Orbital position

Not applicable

General Function

Not applicable

Notified to the UN

Not applicable

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

January 2023

Licence issued under the Space Industry Act 2018

20 December 2022

Additional information

Rocket failure at second stage and the satellite was lost.

Inmarsat-6 F2

Owner/Operator

Inmarsat Global Ltd, 99 City Road, London, EC1Y 1AX

Date of launch

18 February 2023

Location of launch

Cape Canaveral, USA

Designation

2023-022A

Catalogue Number

55683

Nodal period

1436

Inclination

0.05

Apogee

35786

Perigee

35786

Orbital position

28W

General Function

Communications

Notified to the UN

27 February 2023

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

27 February 2023

Licence issued under the Outer Space Act 1986 and Space Industry Act 2018

13 February 2023

Additional information

Not applicable.

OneWeb Launch 17 (OWLID00545-OWLID00584)

Owner/Operator

Network Access Associates Limited, 195 Wood Lane, West Works Building, London, W12 7FQ

Date of launch

9 March 2023

Location of launch

Cape Canaveral

Designation

See Annex 16 for details

Catalogue Number

See Annex 16 for details

Nodal period

109.4

Inclination

87.9

Apogee

1205

Perigee

1177

Orbital position

Not applicable

General Function

Communications

Notified to the UN

6 April 2023

Disposed or decayed

See Annex 16 for details

Disposal Notified to the UN

See Annex 16 for details

Accepted onto UK Register of Space

6 April 2023

Licence issued under the Outer Space Act 1986

23 February 2023

Additional information

Not applicable

Annex 16

OneWeb Launch 17 – Cape Canaveral 9 March 2023

| Name | Designation | Catalogue number | Disposed or decayed | Disposal notified to the UN | Additional information (Other names) |
|-------------------|-------------|------------------|---------------------|-----------------------------|---|
| OWLID00545 | 2023-029A | 55796 | Not Applicable | Not Applicable | SL0530 |
| OWLID00546 | 2023-029B | 55797 | Not Applicable | Not Applicable | SL0534 |
| OWLID00547 | 2023-029C | 55798 | Not Applicable | Not Applicable | SL0556 |
| OWLID00548 | 2023-029D | 55799 | Not Applicable | Not Applicable | SL0562 |
| OWLID00549 | 2023-029E | 55800 | Not Applicable | Not Applicable | SL0563 |
| OWLID00550 | 2023-029F | 55801 | Not Applicable | Not Applicable | SL0564 |
| OWLID00551 | 2023-029G | 55802 | Not Applicable | Not Applicable | SL0638 |
| OWLID00552 | 2023-029H | 55803 | Not Applicable | Not Applicable | SL0639 |
| OWLID00553 | 2023-029J | 55804 | Not Applicable | Not Applicable | SL0640 |
| OWLID00554 | 2023-029K | 55805 | Not Applicable | Not Applicable | SL0641 |
| OWLID00555 | 2023-029L | 55806 | Not Applicable | Not Applicable | SL0642 |
| OWLID00556 | 2023-029M | 55807 | Not Applicable | Not Applicable | SL0643 |
| OWLID00557 | 2023-029N | 55808 | Not Applicable | Not Applicable | SL0644 |
| OWLID00558 | 2023-029P | 55809 | Not Applicable | Not Applicable | SL0645 |
| OWLID00559 | 2023-029Q | 55810 | Not Applicable | Not Applicable | SL0646 |
| OWLID00560 | 2023-029R | 55811 | Not Applicable | Not Applicable | SL0648 |
| OWLID00561 | 2023-029S | 55812 | Not Applicable | Not Applicable | SL0649 |
| OWLID00562 | 2023-029T | 55813 | Not Applicable | Not Applicable | SL0650 |
| OWLID00563 | 2023-029U | 55814 | Not Applicable | Not Applicable | SL0652 |
| OWLID00564 | 2023-029V | 55815 | Not Applicable | Not Applicable | SL0653 |
| OWLID00565 | 2023-029W | 55816 | Not Applicable | Not Applicable | SL0654 |
| OWLID00566 | 2023-029X | 55817 | Not Applicable | Not Applicable | SL0656 |
| OWLID00567 | 2023-029Y | 55818 | Not Applicable | Not Applicable | SL0657 |

| | | | | | |
|-------------------|------------|-------|----------------|----------------|--------|
| OWLID00568 | 2023-029Z | 55819 | Not Applicable | Not Applicable | SL0658 |
| OWLID00569 | 2023-029AA | 55820 | Not Applicable | Not Applicable | SL0660 |
| OWLID00570 | 2023-029AB | 55821 | Not Applicable | Not Applicable | SL0661 |
| OWLID00571 | 2023-029AC | 55822 | Not Applicable | Not Applicable | SL0662 |
| OWLID00572 | 2023-029AD | 55823 | Not Applicable | Not Applicable | SL0663 |
| OWLID00573 | 2023-029AE | 55824 | Not Applicable | Not Applicable | SL0664 |
| OWLID00574 | 2023-029AF | 55825 | Not Applicable | Not Applicable | SL0665 |
| OWLID00575 | 2023-029AG | 55826 | Not Applicable | Not Applicable | SL0666 |
| OWLID00576 | 2023-029AH | 55827 | Not Applicable | Not Applicable | SL0667 |
| OWLID00577 | 2023-029AJ | 55828 | Not Applicable | Not Applicable | SL0669 |
| OWLID00578 | 2023-029AK | 55829 | Not Applicable | Not Applicable | SL0670 |
| OWLID00579 | 2023-029AL | 55830 | Not Applicable | Not Applicable | SL0671 |
| OWLID00580 | 2023-029AM | 55831 | Not Applicable | Not Applicable | SL0672 |
| OWLID00581 | 2023-029AN | 55832 | Not Applicable | Not Applicable | SL0673 |
| OWLID00582 | 2023-029AP | 55833 | Not Applicable | Not Applicable | SL0674 |
| OWLID00583 | 2023-029AQ | 55834 | Not Applicable | Not Applicable | SL0675 |
| OWLID00584 | 2023-029AR | 55835 | Not Applicable | Not Applicable | SL0720 |

OneWeb Launch 18 (OWLID00585-OWLID00620)

Owner/Operator

Network Access Associates Limited, 195 Wood Lane, West Works Building, London, W12 7FQ

Date of launch

26 March 2023

Location of launch

Satish Dhawan Space Centre

Designation

See Annex 17 for details

Catalogue Number

See Annex 17 for details

Nodal period

109.4

Inclination

87.9

Apogee

1201

Perigee

1173

Orbital position

Not applicable

General Function

Communications

Notified to the UN

17 April 2023

Disposed or decayed

See Annex 17 for details

Disposal Notified to the UN

See Annex 17 for details

Accepted onto UK Register of Space

17 April 2023

Licence issued under the Outer Space Act 1986

14 March 2023

Additional information

Not applicable.

Annex 17

OneWeb Launch 18 – Satish Dhawan Space Centre 2023

| Name | Designation | Catalogue number | Disposed or decayed | Disposal notified to the UN | Additional information (Other names) |
|-------------------|-------------|------------------|---------------------|-----------------------------|---|
| OWLID00585 | 2023-043A | 56046 | Not Applicable | Not Applicable | SL0537 |
| OWLID00586 | 2023-043B | 56047 | Not Applicable | Not Applicable | SL0538 |
| OWLID00587 | 2023-043C | 56048 | Not Applicable | Not Applicable | SL0546 |
| OWLID00588 | 2023-043D | 56049 | Not Applicable | Not Applicable | SL0547 |
| OWLID00589 | 2023-043E | 56050 | Not Applicable | Not Applicable | SL0548 |
| OWLID00590 | 2023-043F | 56051 | Not Applicable | Not Applicable | SL0549 |
| OWLID00591 | 2023-043G | 56052 | Not Applicable | Not Applicable | SL0550 |
| OWLID00592 | 2023-043H | 56053 | Not Applicable | Not Applicable | SL0551 |
| OWLID00593 | 2023-043J | 56054 | Not Applicable | Not Applicable | SL0552 |
| OWLID00594 | 2023-043K | 56055 | Not Applicable | Not Applicable | SL0553 |
| OWLID00595 | 2023-043L | 56056 | Not Applicable | Not Applicable | SL0554 |
| OWLID00596 | 2023-043M | 56057 | Not Applicable | Not Applicable | SL0555 |
| OWLID00597 | 2023-043N | 56058 | Not Applicable | Not Applicable | SL0557 |
| OWLID00598 | 2023-043P | 56059 | Not Applicable | Not Applicable | SL0558 |
| OWLID00599 | 2023-043Q | 56060 | Not Applicable | Not Applicable | SL0559 |
| OWLID00600 | 2023-043R | 56061 | Not Applicable | Not Applicable | SL0566 |
| OWLID00601 | 2023-043S | 56062 | Not Applicable | Not Applicable | SL0568 |
| OWLID00602 | 2023-043T | 56063 | Not Applicable | Not Applicable | SL0574 |
| OWLID00603 | 2023-043U | 56064 | Not Applicable | Not Applicable | SL0575 |
| OWLID00604 | 2023-043V | 56065 | Not Applicable | Not Applicable | SL0576 |
| OWLID00605 | 2023-043W | 56066 | Not Applicable | Not Applicable | SL0577 |
| OWLID00606 | 2023-043X | 56067 | Not Applicable | Not Applicable | SL0578 |

| | | | | | |
|-------------------|------------|-------|----------------|----------------|--------|
| OWLID00607 | 2023-043Y | 56068 | Not Applicable | Not Applicable | SL0579 |
| OWLID00608 | 2023-043Z | 56069 | Not Applicable | Not Applicable | SL0581 |
| OWLID00609 | 2023-043AA | 56070 | Not Applicable | Not Applicable | SL0609 |
| OWLID00610 | 2023-043AB | 56071 | Not Applicable | Not Applicable | SL0613 |
| OWLID00611 | 2023-043AC | 56072 | Not Applicable | Not Applicable | SL0630 |
| OWLID00612 | 2023-043AD | 56073 | Not Applicable | Not Applicable | SL0632 |
| OWLID00613 | 2023-043AE | 56074 | Not Applicable | Not Applicable | SL0633 |
| OWLID00614 | 2023-043AF | 56075 | Not Applicable | Not Applicable | SL0634 |
| OWLID00615 | 2023-043AG | 56076 | Not Applicable | Not Applicable | SL0635 |
| OWLID00616 | 2023-043AH | 56077 | Not Applicable | Not Applicable | SL0636 |
| OWLID00617 | 2023-043AJ | 56078 | Not Applicable | Not Applicable | SL0637 |
| OWLID00618 | 2023-043AK | 56079 | Not Applicable | Not Applicable | SL0647 |
| OWLID00619 | 2023-043AL | 56080 | Not Applicable | Not Applicable | SL0651 |
| OWLID00620 | 2023-043AM | 56081 | Not Applicable | Not Applicable | SL0718 |

MP03

Owner/Operator

O3b Limited, 44 Esplanade, St Helier, Jersey, JE4 9WG

Date of launch

28 April 2023

Location of launch

Cape Canaveral

Designation

2023-059B

Catalogue Number

56368

Nodal period

288

Inclination

0.1

Apogee

8073

Perigee

8057

Orbital position

Not applicable

General Function

Communications

Notified to the UN

23 June 2023

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

23 June 2023

Licence issued under the Outer Space Act 1986

6 February 2023

Additional information

Also known as O3b mPOWER F3. Ownership transferred in April 2025 to Astra (GB) limited, New Derwent House, 69-73 Theobalds Road, London, England, WC1X 8TA.

MP04

Owner/Operator

O3b Limited, 44 Esplanade, St Helier, Jersey, JE4 9WG

Date of launch

28 April 2023

Location of launch

Cape Canaveral

Designation

2023-059A

Catalogue Number

56367

Nodal period

288

Inclination

0.1

Apogee

8073

Perigee

8057

Orbital position

Not applicable

General Function

Communications

Notified to the UN

23 June 2023

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

23 June 2023

Licence issued under the Outer Space Act 1986

6 February 2022

Additional information

Also known as O3b mPOWER F4. Ownership transferred in April 2025 to Astra (GB) limited, New Derwent House, 69-73 Theobalds Road, London, England, WC1X 8TA.

OneWeb Launch 19 (OWLID00621-OWLID00635 & JoeySat)

Owner/Operator

Network Access Associates Limited, 195 Wood Lane, West Works Building, London, W12 7FQ

Date of launch

20 May 2023

Location of launch

Vandenberg Space Force Base, United States of America

Designation

See Annex 18 for details

Catalogue Number

See Annex 18 for details

Nodal period

109.4

Inclination

87.9

Apogee

1201

Perigee

1173

Orbital position

Not applicable

General Function

Communications

Notified to the UN

5 June 2023

Disposed or decayed

See Annex 18 for details

Disposal Notified to the UN

See Annex 18 for details

Accepted onto UK Register of Space

5 June 2023

Licence issued under the Outer Space Act 1986

2 May 2023

Additional information

See Annex 18 for details of each individual satellite in this launch. JoeySat licence issued under the Outer Space Act 1986 and Space Industry Act 2018 on 05 May 2023.

Annex 18

OneWeb Launch 19 – Vandenburg

| Name | Designation | Catalogue number | Disposed or decayed | Disposal notified to the UN | Additional information (Other names) |
|-------------------|-------------|------------------|---------------------|-----------------------------|---|
| OWLID00621 | 2023-068A | 56710 | Not applicable | Not applicable | SL0561 |
| OWLID00622 | 2023-068B | 56711 | Not applicable | Not applicable | SL0668 |
| OWLID00623 | 2023-068C | 56712 | Not applicable | Not applicable | SL0676 |
| OWLID00624 | 2023-068D | 56713 | Not applicable | Not applicable | SL0677 |
| OWLID00625 | 2023-068E | 56714 | Not applicable | Not applicable | SL0678 |
| OWLID00626 | 2023-068F | 56715 | Not applicable | Not applicable | SL0679 |
| OWLID00627 | 2023-068G | 56716 | Not applicable | Not applicable | SL0680 |
| OWLID00628 | 2023-068H | 56717 | Not applicable | Not applicable | SL0681 |
| OWLID00629 | 2023-068J | 56718 | Not applicable | Not applicable | SL0682 |
| OWLID00630 | 2023-068K | 56719 | Not applicable | Not applicable | SL0683 |
| OWLID00631 | 2023-068L | 56720 | Not applicable | Not applicable | SL0684 |
| OWLID00632 | 2023-068M | 56721 | Not applicable | Not applicable | SL0686 |
| OWLID00633 | 2023-068N | 56722 | Not applicable | Not applicable | SL0694 |
| OWLID00634 | 2023-068P | 56723 | Not applicable | Not applicable | SL0696 |
| OWLID00635 | 2023-068Q | 56724 | Not applicable | Not applicable | SL0703 |
| JoeySat | 2023-068R | 56725 | Not applicable | Not applicable | SL0721 |

AAC-HSI-SAT1

Owner/Operator

Clyde Space Limited, Skypark 5, 45 Finnieston Street, Glasgow, G3 8JU

Date of launch

15 April 2023

Location of launch

Vandenberg Space Force Base, United States of America

Designation

2023-054AZ

Catalogue Number

56225

Nodal period

95.82

Inclination

97.51

Apogee

572

Perigee

557

Orbital position

Not applicable

General Function

Earth Observations

Notified to the UN

Yes

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

21 March 2023

Licence issued under the Outer Space Act 1986 and Space Industry Act 2018

1 March 2023

Additional information

Not applicable.

AAC-AIS-SAT-2

Owner/Operator

Clyde Space Limited, Skypark 5, 45 Finnieston Street, Glasgow, G3 8JU

Date of launch

12 June 2023

Location of launch

Vandenberg Space Force Base, United States of America

Designation

2023-084BY

Catalogue Number

56996

Nodal period

97.6

Inclination

98

Apogee

696

Perigee

595

Orbital position

Not applicable

General Function

Technology Demo

Notified to the UN

Yes

Disposed or decayed

Not applicant

Disposal Notified to the UN

Not applicant

Accepted onto UK Register of Space

29 August 2023

Licence issued under the Outer Space Act 1986

3 May 2023

Additional information

Not applicant.

AAC-HSI-SAT2

Owner/Operator

Clyde Space Limited, Skypark 5, 45 Finnieston Street, Glasgow, G3 8JU

Date of launch

12 June 2023

Location of launch

Vandenberg Space Force Base, United States of America

Designation

2023-084BX

Catalogue Number

56995

Nodal period

95.78

Inclination

97.71

Apogee

569

Perigee

544

Orbital position

Not applicable

General Function

Earth Observation

Notified to the UN

Yes

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

29 August 2023

Licence issued under the Outer Space Act 1986 and Space Industry Act 2018

21 April 2023

Additional information

Not applicable.

MWIR PathFinder

Owner/Operator

Global SatVu Ltd, 1 New Fetter Lane, London, EC4A 1AN, England

Date of launch

12 June 2023

Location of launch

Vandenberg Space Force Base, United States of America

Designation

2023-084Y

Catalogue Number

56954

Nodal period

95.17

Inclination

97.51

Apogee

536

Perigee

517

Orbital position

Not available

General Function

Earth Observation

Notified to the UN

Yes

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

29 August 2023

Licence issued under the Space Industry Act 2018

11 May 2023

Additional information

Not applicable

MANTIS

Owner/Operator

Open Cosmos Ltd, Electron Building, Fermi Avenue, Harwell, OX11 0QR

Date of launch

11 November 2023

Location of launch

Vandenberg Space Force Base, United States of America

Designation

2023-174B

Catalogue Number

58257

Nodal period

95.09

Inclination

97.48

Apogee

532

Perigee

514

Orbital position

Not available

General Function

Earth Observation

Notified to the UN

16 February 2024

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

24 November 2023

Licence issued under the Outer Space Act 1986 and Space Industry Act 2018

31 August 2023

Additional Information

Not applicable.

AAC-HSI-SAT3

Owner/Operator

Clyde Space Limited, Skypark 5, 45 Finnieston Street, Glasgow, G3 8JU

Date of launch

11 November 2023

Location of launch

Vandenberg Space Force Base, United States of America

Designation

2023-174DH

Catalogue Number

58848

Nodal period

95.59

Inclination

97.45

Apogee

557

Perigee

538

Orbital position

Not available

General Function

Earth Observation

Notified to the UN

22 February 2024

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

24 November 2023

Licence issued under the Outer Space Act 1986 and Space Industry Act 2018

1 September 2023

Additional Information

Satellite is also known as Wyvern 3.

AAC-AIS-SAT3

Owner/Operator

Clyde Space Limited, Skypark 5, 45 Finnieston Street, Glasgow, G3 8JU

Date of launch

11 November 2023

Location of launch

Vandenberg Space Force Base, United States of America

Designation

2023-174DJ

Catalogue Number

58997

Nodal period

97.72

Inclination

97.73

Apogee

655

Perigee

644

Orbital position

Not available

General Function

Earth Observation – space-based VDES maritime navigation and communications service

Notified to the UN

14 March 2024

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

24 November 2023

Licence issued under the Outer Space Act 1986 and Space Industry Act 2018

1 September 2023

Additional Information

Satellite also known as NJORD-1 and YMIR.

MP05

Owner/Operator

O3b Limited, 3rd Floor, Anley House, Anley Street, St Helier, Jersey, JE2 3QE

Date of launch

12 November 2023

Location of launch

Cape Canaveral, USA

Designation

2023-175A

Catalogue Number

58346

Nodal period

288

Inclination

0.1

Apogee

8073

Perigee

8057

Orbital position

Not available

General Function

Communications

Notified to the UN

1 December 2023

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

24 November 2023

Licence issued under the Outer Space Act 1986

22 May 2023

Additional Information

Satellite also known as mPOWER-A F5. Ownership transferred in April 2025 to Astra (GB) limited, New Derwent House, 69-73 Theobalds Road, London, England, WC1X 8TA.

MP06

Owner/Operator

O3b Limited, 3rd Floor, Anley House, Anley Street, St Helier, Jersey, JE2 3QE

Date of launch

12 November 2023

Location of launch

Cape Canaveral, USA

Designation

2023-175B

Catalogue Number

58347

Nodal period

288

Inclination

0.1

Apogee

8073

Perigee

8057

Orbital position

Not available

General Function

Communications

Notified to the UN

1 December 2023

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

24 November 2023

Licence issued under the Outer Space Act 1986

22 May 2023

Additional Information

Satellite also known as mPOWER-A F6. Ownership transferred in April 2025 to Astra (GB) limited, New Derwent House, 69-73 Theobalds Road, London, England, WC1X 8TA.

TYCHE

Owner/Operator

SSTL

Date of launch

16 August 2024

Location of launch

Vandenberg Space Force Base, USA

Designation

2024-149AE

Catalogue Number

60496

Nodal period

94.85

Inclination

97.44

Apogee

515

Perigee

507

Orbital position

Not available

General Function

Eath Observation

Notified to the UN

2 October 2024

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

25 September 2024

Licence issued under the Outer Space Act 1986 and Space Industry Act 2018

30 April 2024

Additional Information

Not applicable.

PHISAT-2

Owner/Operator

Open Cosmos

Date of launch

16 August 2024

Location of launch

Vandenberg Space Force Base, USA

Designation

2024-149C

Catalogue Number

60470

Nodal period

94.87

Inclination

97.44

Apogee

513

Perigee

512

Orbital position

Not available

General Function

Eath Observation

Notified to the UN

8 October 2024

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

25 September 2024

Licence issued under the Outer Space Act 1986 and Space Industry Act 2018

17 April 2024

Additional Information

Not applicable.

OneWeb Launch 20 (OWLID00636-OWLID00655)

Owner/Operator

Network Access Associates Limited, 195 Wood Lane, West Works Building, London, W12 7FQ

Date of launch

19 October 2024

Location of launch

Vandenberg Space Force Base, United States of America

Designation

See Annex 19 for details

Catalogue Number

See Annex 19 for details

Nodal period

96.88

Inclination

86.55

Apogee

613

Perigee

606

Orbital position

Not applicable

General Function

Communications

Notified to the UN

19 November 2024

Disposed or decayed

See Annex 19 for details

Disposal Notified to the UN

See Annex 19 for details

Accepted onto UK Register of Space

4 November 2024

Licence issued under the Outer Space Act 1986 and Space Industry Act 2018

25 September 2024

Additional information

See Annex 19 for details of each individual satellite in this launch.

Annex 19

OneWeb Launch 20 – Vandenburg

| Name | Designation | Catalogue number | Disposed or decayed | Disposal notified to the UN | Additional information (Other names) |
|-------------------|-------------|------------------|---------------------|-----------------------------|--------------------------------------|
| OWLID00636 | 2024-188B | 61595 | Not applicable | Not applicable | SL0687 |
| OWLID00637 | 2024-188C | 61596 | Not applicable | Not applicable | SL0688 |
| OWLID00638 | 2024-188D | 61597 | Not applicable | Not applicable | SL0689 |
| OWLID00639 | 2024-188E | 61598 | Not applicable | Not applicable | SL0690 |
| OWLID00640 | 2024-188F | 61599 | Not applicable | Not applicable | SL0691 |
| OWLID00641 | 2024-188G | 61600 | Not applicable | Not applicable | SL0692 |
| OWLID00642 | 2024-188H | 61601 | Not applicable | Not applicable | SL0693 |
| OWLID00643 | 2024-188J | 61602 | Not applicable | Not applicable | SL0695 |
| OWLID00644 | 2024-188K | 61603 | Not applicable | Not applicable | SL0697 |
| OWLID00645 | 2024-188L | 61604 | Not applicable | Not applicable | SL0698 |
| OWLID00646 | 2024-188M | 61605 | Not applicable | Not applicable | SL0699 |
| OWLID00647 | 2024-188N | 61606 | Not applicable | Not applicable | SL0700 |
| OWLID00648 | 2024-188P | 61607 | Not applicable | Not applicable | SL0701 |
| OWLID00649 | 2024-188Q | 61608 | Not applicable | Not applicable | SL0702 |
| OWLID00650 | 2024-188R | 61609 | Not applicable | Not applicable | SL0704 |
| OWLID00651 | 2024-188S | 61610 | Not applicable | Not applicable | SL0705 |
| OWLID00652 | 2024-188T | 61611 | Not applicable | Not applicable | SL0706 |
| OWLID00653 | 2024-188U | 61612 | Not applicable | Not applicable | SL0707 |
| OWLID00654 | 2024-188V | 61613 | Not applicable | Not applicable | SL0708 |
| OWLID00655 | 2024-188A | 61594 | Not applicable | Not applicable | SL0015 |

MP07

Owner/Operator

Astra (GB) Limited, New Derwent House, 69-73 Theobalds Road, London, United Kingdom, WC1X 8TA

Date of launch

17 December 2024

Location of launch

Cape Canaveral, Florida, US

Designation

2024-244A

Catalogue Number

62362

Nodal period

197.23

Inclination

8.85

Apogee

7008

Perigee

2683

Orbital position

Not available

General Function

Connectivity

Notified to the UN

27 February 2025

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

22 January 2024

Licence issued under the Outer Space Act 1986 and Space Industry Act 2018

14 November 2024

Additional information

Not applicable

MP08

Owner/Operator

Astra (GB) Limited, New Derwent House, 69-73 Theobalds Road, London, United Kingdom, WC1X 8TA

Date of launch

17 December 2024

Location of launch

Cape Canaveral, Florida, US

Designation

2024-244B

Catalogue Number

62363

Nodal period

197.19

Inclination

8.86

Apogee

7008

Perigee

2681

Orbital position

Not available

General Function

Connectivity

Notified to the UN

27 February 2025

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

22 January 2025

Licence issued under the Outer Space Act 1986 and Space Industry Act 2018

14 November 2024

Additional information

Not applicable

Astranis UtilitySat

Owner/Operator

Astranis UK Limited, 3rd floor, One Ashley Road, Altrincham, WA14 2DT

Date of launch

29 December 2024

Location of launch

Cape Canaveral, Florida, US

Designation

2024-252A

Catalogue Number

62454

Nodal period

1284.48

Inclination

11.89

Apogee

64716

Perigee

812

Orbital position

121.1W

General Function

Communications

Notified to the UN

Not available

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

22 January 2025

Licence issued under the Space Industry Act 2018

7 August 2024

Additional information

Not applicable

AGILA

Owner/Operator

Astranis UK Limited, 3rd floor, One Ashley Road, Altrincham, WA14 2DT

Date of launch

29 December 2024

Location of launch

Cape Canaveral, Florida, US

Designation

2024-252C

Catalogue Number

62456

Nodal period

1276.58

Inclination

11.89

Apogee

64278

Perigee

928

Orbital position

152.1E

General Function

Communications

Notified to the UN

Not available

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

22 January 2025

Licence issued under the Outer Space Act 1986 and Space Industry Act 2018

7 August 2024

Additional information

Also known as ANDESAT-1.

NuView Alpha

Owner/Operator

Astranis UK Limited, 3rd floor, One Ashley Road, Altrincham, WA14 2DT

Date of launch

29 December 2024

Location of launch

Cape Canaveral, Florida, US

Designation

2024-252B

Catalogue Number

62455

Nodal period

1270.30

Inclination

12.38

Apogee

64618

Perigee

333

Orbital position

83.1W

General Function

Communications

Notified to the UN

Not available

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

22 January 2025

Licence issued under the Outer Space Act 1986 and Space Industry Act 2018

7 August 2024

Additional information

Also known as AstranisAero West.

NuView Bravo

Owner/Operator

Astranis UK Limited, 3rd floor, One Ashley Road, Altrincham, WA14 2DT

Date of launch

29 December 2024

Location of launch

Cape Canaveral, Florida, US

Designation

2024-252D

Catalogue Number

62457

Nodal period

1273.45

Inclination

12.25

Apogee

64552

Perigee

528

Orbital position

83.1W

General Function

Communications

Notified to the UN

Not available

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

22 January 2025

Licence issued under the Outer Space Act 1986 and Space Industry Act 2018

7 August 2024

Additional information

Also known as AstranisAero East.

Elevation-1

Owner/Operator

Almagest IOM Limited, 1st Floor, 11-13 Hill Street, Douglas, Isle of Man, IM1 1EF

Date of launch

14 January 2025

Location of launch

Vandenberg Space Force Base, United States of America

Designation

2025-009BW

Catalogue Number

62677

Nodal period

94.76

Inclination

97.43

Apogee

511

Perigee

502

Orbital position

Not available

General Function

Communications

Notified to the UN

Not available

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

22 January 2025

Licence issued under the Outer Space Act 1986

8 November 2024

Additional information

Not applicable

ForgeStar-1A

Owner/Operator

Space Forge Ltd, Unit 10, Eastgate Business Park, Wentloog Avenue, Cardiff, Wales, CF3 2EY

Date of launch

Not applicable

Location of launch

Not applicable

Designation

Not applicable

Catalogue Number

Not applicable

Nodal period

Not applicable

Inclination

Not applicable

Apogee

Not applicable

Perigee

Not applicable

Orbital position

Not applicable

General Function

Technology Demo

Notified to the UN

Not applicable

Disposed or decayed

Not applicable

Disposal Notified to the UN

Not applicable

Accepted onto UK Register of Space

28 May 2025

Licence issued under the Outer Space Act 1986 and Space Industry Act 2018

7 March 2025

Additional information

Not applicable

Decayed UK objects not in registry

| Name | Cat. No. | COSPAR No. | Launched | Decayed |
|------------------------|----------------|----------------|----------------|----------------|
| SKYNET 2A | 07096 | 1974-002A | 19 Jan 1974 | 25 Jan 1974 |
| ARIEL 4 (UK-4) | 05675 | 1971-109A | 11 Dec 1971 | 12 Dec 1971 |
| BLACK ARROW DEB | 05582 | 1971-093C | 29 Oct 1971 | 16 Dec 1979 |
| SKYNET 1B | 04493 | 1970-062A | 19 Aug 1970 | Not applicable |
| ARIEL 3 (UK-3) | 02773 | 1967-042A | 5 May 1967 | 14 Dec 1970 |
| ARIEL 2 (UK-2) | 00771 | 1964-015A | 27 Mar 1964 | 18 Nov 1967 |
| ARIEL 1 (UK-1) | 00285 | 1962-015A | 26 Apr 1962 | 24 May 1976 |
| Ariel 4 (UK-4) | Not applicable | Not applicable | Not applicable | 12 Dec 1978 |

For any enquiries regarding this publication, please contact:

The Licensing and Monitoring team: commercialspaceflight@caa.co.uk