

**Secretariat**

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**Committee on the Peaceful
Uses of Outer Space**

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

**Note verbale dated 15 July 2019 from the Permanent Mission of
China to the United Nations (Vienna) addressed to the Secretary-
General**

The Permanent Mission of China to the United Nations (Vienna), in accordance with article IV of the Convention on Registration of Objects Launched into Outer Space (General Assembly resolution 3235 (XXIX), annex) and General Assembly resolution [62/101](#), has the honour to transmit information concerning 88 space objects launched by China between 29 June 2016 and 31 December 2018 (see annex).¹

¹ The data on the space objects referenced in the annex were entered into the Register of Objects Launched into Outer Space on 30 August 2019.



Annex

Original: Chinese/English

Registration data on space objects launched by China^{*}

SJ16-02

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

Name of space object	SJ16-02
State of registry	China
Date and territory or location of launch	29 June 2016 UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	97 minutes
Inclination	75 degrees
Apogee	617 km
Perigee	606 km
General function of space object	Remote sensing satellite

Tiantong 1-1

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

Name of space object	Tiantong 1-1
State of registry	China
Date and territory or location of launch	5 August 2016 UTC; Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	1,436 minutes
Inclination	3.66 degrees
Apogee	35,814 km
Perigee	35,758 km
General function of space object	Communications satellite

Tiangong-2

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

Name of space object	Tiangong-2
State of registry	China
Date and territory or location of launch	15 September 2016 UTC; Jiuquan Satellite Launch Centre, China

^{*} The information was submitted using the form prepared pursuant to General Assembly resolution [62/101](#) and has been reformatted by the Secretariat.

Basic orbital parameters	
Nodal period	90.1 minutes
Inclination	42.8 degrees
Apogee	347 km
Perigee	200 km
General function of space object	Space laboratory

Shenzhou-11

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

Name of space object	Shenzhou-11
State of registry	China
Date and territory or location of launch	16 September 2016 UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	90.2 minutes
Inclination	42.8 degrees
Apogee	380 km
Perigee	200 km
General function of space object	Spacecraft with crew
Date of decay/re-entry/deorbit	18 November 2016 (orbital module remains in orbit)

Banxing-2

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

Name of space object	Banxing-2
State of registry	China
Date and territory or location of launch	22 October 2016 UTC; released from Tiangong-2 in orbit
Basic orbital parameters	
Nodal period	91 minutes
Inclination	42.7 degrees
Apogee	393 km
Perigee	378 km
General function of space object	Experimental satellite

Bayi Shaonianxing (BY70-1)

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

Committee on Space Research international designator	2016-083C
Name of space object	Bayi Shaonianxing (BY70-1)
State of registry	China
Date and territory or location of launch	28 December 2016 UTC; Taiyuan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	92.078 minutes
Inclination	97.585 degrees
Apogee	528.645 km
Perigee	224.206 km
General function of space object	To provide services and support for popularizing youth space-science education by taking pictures of the Earth's surface, transmitting audio files and radio communications, etc.

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

Change of status in operations	
Date when space object is no longer functional	19 February 2017
Date when space object is moved to a disposal orbit	19 February 2017
Physical conditions when space object is moved to a disposal orbit	Burned up upon re-entering the atmosphere
Space object owner or operator	Beijing Bayi School
Launch vehicle	CZ-2D

Kaidun-1

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

Committee on Space Research international designator	2017-002C
Name of space object	Kaidun-1
National designator/registration number	Kaidun-1
State of registry	China
Date and territory or location of launch	9 January 2017 UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	95.341 minutes

Inclination	97.54 degrees
Apogee	546 km
Perigee	535 km
General function of space object	Completes verification of VHF Data Exchange System (VDES) and Automatic Identification System (AIS) payloads while in orbit

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

Space object owner or operator	Beijing Caton Global Technology Co., Ltd.
Launch vehicle	Kuaizhou 1A (KZ-1A)

Tianzhou-1

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

Name of space object	Tianzhou-1
State of registry	China
Date and territory or location of launch	20 April 2017 UTC; Wenchang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	90.35 minutes
Inclination	42.8 degrees
Apogee	383 km
Perigee	200 km
General function of space object	Cargo spacecraft
Date of decay/re-entry/deorbit	22 September 2017 (deorbit)

Yaogan-30A

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

Name of space object	Yaogan-30A
State of registry	China
Date and territory or location of launch	29 September 2017 UTC; Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	96.67 minutes
Inclination	35 degrees
Apogee	600 km
Perigee	600 km
General function of space object	Remote sensing satellite

Yaogan-30B**Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space**

Name of space object	Yaogan-30B
State of registry	China
Date and territory or location of launch	29 September 2017 UTC; Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	96.67 minutes
Inclination	35 degrees
Apogee	600 km
Perigee	600 km
General function of space object	Remote sensing satellite

Yaogan-30C**Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space**

Name of space object	Yaogan-30C
State of registry	China
Date and territory or location of launch	29 September 2017 UTC; Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	96.67 minutes
Inclination	35 degrees
Apogee	600 km
Perigee	600 km
General function of space object	Remote sensing satellite

Yaogan-30D**Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space**

Name of space object	Yaogan-30D
State of registry	China
Date and territory or location of launch	24 November 2017 UTC; Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	96.67 minutes
Inclination	35 degrees
Apogee	600 km
Perigee	600 km
General function of space object	Remote sensing satellite

Yaogan-30E

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

Name of space object	Yaogan-30E
State of registry	China
Date and territory or location of launch	24 November 2017 UTC; Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	96.67 minutes
Inclination	35 degrees
Apogee	600 km
Perigee	600 km
General function of space object	Remote sensing satellite

Yaogan-30F

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

Name of space object	Yaogan-30F
State of registry	China
Date and territory or location of launch	24 November 2017 UTC; Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	96.67 minutes
Inclination	35 degrees
Apogee	600 km
Perigee	600 km
General function of space object	Remote sensing satellite

Yaogan-30G

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

Name of space object	Yaogan-30G
State of registry	China
Date and territory or location of launch	25 December 2017 UTC; Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	96.67 minutes
Inclination	35 degrees
Apogee	600 km
Perigee	600 km
General function of space object	Remote sensing satellite

Yaogan-30H

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

Name of space object	Yaogan-30H
State of registry	China
Date and territory or location of launch	25 December 2017 UTC; Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	96.67 minutes
Inclination	35 degrees
Apogee	600 km
Perigee	600 km
General function of space object	Remote sensing satellite

Yaogan-30J

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

Name of space object	Yaogan-30J
State of registry	China
Date and territory or location of launch	25 December 2017 UTC; Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	96.67 minutes
Inclination	35 degrees
Apogee	600 km
Perigee	600 km
General function of space object	Remote sensing satellite

26th BeiDou Navigation Satellite

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

Name of space object	26th BeiDou Navigation Satellite
State of registry	China
Date and territory or location of launch	11 January 2018 UTC; Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	773 minutes
Inclination	55.22 degrees
Apogee	21,541 km
Perigee	21,515 km
General function of space object	Navigation satellite

27th BeiDou Navigation Satellite

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

Name of space object	27th BeiDou Navigation Satellite
State of registry	China
Date and territory or location of launch	11 January 2018 UTC; Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	773 minutes
Inclination	55.22 degrees
Apogee	21,540 km
Perigee	21,515 km
General function of space object	Navigation satellite

HA-1

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

Committee on Space Research international designator	2018-008B
Name of space object	HA-1
State of registry	China
Date and territory or location of launch	19 January 2018 UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	95.4 minutes
Inclination	97.54 degrees
Apogee	535 km
Perigee	535 km
General function of space object	Remote sensing; voice transmission, de-orbit sail verification

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

Space object owner or operator	Nanjing University of Science and Technology
Launch vehicle	CZ-11

Weina-1A

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

Name of space object	Weina-1A
State of registry	China

Date and territory or location of launch	25 January 2018 UTC; Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	96.67 minutes
Inclination	35 degrees
Apogee	600 km
Perigee	600 km
General function of space object	Remote sensing satellite

Yaogan-30K

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

Name of space object	Yaogan-30K
State of registry	China
Date and territory or location of launch	25 January 2018 UTC; Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	96.67 minutes
Inclination	35 degrees
Apogee	600 km
Perigee	600 km
General function of space object	Remote sensing satellite

Yaogan-30L

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

Name of space object	Yaogan-30L
State of registry	China
Date and territory or location of launch	25 January 2018 UTC; Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	96.67 minutes
Inclination	35 degrees
Apogee	600 km
Perigee	600 km
General function of space object	Remote sensing satellite

Yaogan-30M

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

Name of space object	Yaogan-30M
State of registry	China
Date and territory or location of launch	25 January 2018 UTC; Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	96.67 minutes
Inclination	35 degrees
Apogee	600 km
Perigee	600 km
General function of space object	Remote sensing satellite

FengMaNiu 1 (FMN 1)

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

Committee on Space Research international designator	2018-015A
Name of space object	FengMaNiu 1 (FMN 1)
State of registry	China
Date and territory or location of launch	2 February 2018 UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	96.5 minutes
Inclination	97.37 degrees
Apogee	500 km
Perigee	500 km
General function of space object	Panoramic imaging of the space environment around the satellite, communication between the ground and space, and verifying the reliability of the satellite platform
Date of deorbit	30 December 2030 UTC

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

Change of status in operations	
Date when space object is no longer functional	1 August 2018 UTC
Physical conditions when space object is moved to a disposal orbit	No orbital transfer capability
Space object owner or operator	LinkSpace Aerospace Technology, Inc.
Launch vehicle	Long March 2D (CZ-2D)

Shaonian Xing

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

Name of space object	Shaonian Xing
State of registry	China
Date and territory or location of launch	2 February 2018 UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	94.533 minutes
Inclination	97.414 degrees
Apogee	511.3 km
Perigee	489.5 km
General function of space object	Optical remote sensing

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

Space object owner or operator	Beijing Commsat Technology Development Co., Ltd.
Launch vehicle	Long March 2D (CZ-2D)

30th BeiDou Navigation Satellite

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

Name of space object	30th BeiDou Navigation Satellite
State of registry	China
Date and territory or location of launch	29 March 2018 UTC; Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	773 minutes
Inclination	55.18 degrees
Apogee	21,535 km
Perigee	21,521 km
General function of space object	Navigation satellite

31st BeiDou Navigation Satellite

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

Name of space object	31st BeiDou Navigation Satellite
State of registry	China
Date and territory or location of launch	29 March 2018 UTC; Xichang Satellite Launch Centre, China

Basic orbital parameters	
Nodal period	773 minutes
Inclination	55.18 degrees
Apogee	21,545 km
Perigee	21,511 km
General function of space object	Navigation satellite

Yaogan-31A

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

Name of space object	Yaogan-31A
State of registry	China
Date and territory or location of launch	10 April 2018 UTC; Jiuquan Satellite Launch Centre, China

Basic orbital parameters	
Nodal period	107.05 minutes
Inclination	63.41 degrees
Apogee	1,118 km
Perigee	1,062 km
General function of space object	Remote sensing satellite

Yaogan-31B

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

Name of space object	Yaogan-31B
State of registry	China
Date and territory or location of launch	10 April 2018 UTC; Jiuquan Satellite Launch Centre, China

Basic orbital parameters	
Nodal period	107.05 minutes
Inclination	63.41 degrees
Apogee	1,118 km
Perigee	1,062 km
General function of space object	Remote sensing satellite

Yaogan-31C

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

Name of space object	Yaogan-31C
State of registry	China

Date and territory or location of launch	10 April 2018 UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	107.05 minutes
Inclination	63.41 degrees
Apogee	1,118 km
Perigee	1,062 km
General function of space object	Remote sensing satellite

Weina-1B

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

Name of space object	Weina-1B
State of registry	China
Date and territory or location of launch	10 April 2018 UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	107.05 minutes
Inclination	63.41 degrees
Apogee	1,118 km
Perigee	1,062 km
General function of space object	Remote sensing satellite

ZHOB1-01

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

Committee on Space Research international designator	2018-040A
Name of space object	ZHOB1-01
State of registry	China
Date and territory or location of launch	26 April 2018 UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	95 minutes
Inclination	97.4 degrees
Apogee	509.6 km
Perigee	508.5 km
General function of space object	Earth observation

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

Space object owner or operator	Zhuhai Orbita Aerospace Technology Co., Ltd.
Launch vehicle	CZ-11

Zhuhai-1 (ZHOBT-03)

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

Committee on Space Research international designator	2018-040C
Name of space object	Zhuhai-1 (ZHOBT-03)
National designator/registration number	ZHOBT-03
State of registry	China
Date and territory or location of launch	26 April 2018 UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	95 minutes
Inclination	97.4 degrees
Apogee	509.6 km
Perigee	508.5 km
General function of space object	Earth observation

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

Space object owner or operator	Zhuhai Orbita Aerospace Technology Co., Ltd.
Launch vehicle	CZ-11

Zhuhai-1 (ZHOBT-04)

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

Committee on Space Research international designator	2018-040D
Name of space object	Zhuhai-1 (ZHOBT-04)
National designator/registration number	ZHOBT-04
State of registry	China
Date and territory or location of launch	26 April 2018 UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	95 minutes
Inclination	97.4 degrees
Apogee	509.6 km
Perigee	508.5 km
General function of space object	Earth observation

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

Space object owner or operator	Zhuhai Orbita Aerospace Technology Co. Ltd
Launch vehicle	CZ-11

Zhuhai-1 (ZHOBT-05)

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

Committee on Space Research international designator	2018-040E
Name of space object	Zhuhai-1 (ZHOBT-05)
National designator/registration number	ZHOBT-05
State of registry	China
Date and territory or location of launch	26 April 2018 UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	95 minutes
Inclination	97.4 degrees
Apogee	509.6 km
Perigee	508.5 km
General function of space object	Earth observation

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

Space object owner or operator	Zhuhai Orbita Aerospace Technology Co. Ltd.
Launch vehicle	CZ-11

Longjiang-1

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

Committee on Space Research international designator	2018-045B
Name of space object	Longjiang-1
State of registry	China
Date and territory or location of launch	20 May 2018 at 2128 hours 00 seconds UTC; Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	-
Inclination	20 degrees
Apogee	388,650 km

Perigee	203 km
General function of space object	Longjiang-1 is a lunar orbiter for low frequency radio astronomy, amateur radio and education

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

Change of status in operations	
Date when space object is no longer functional	21 May 2018 at 1954 hours 00 seconds UTC
Space object owner or operator	Harbin Institute of Technology
Launch vehicle	CZ-4C

Longjiang-2

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

Committee on Space Research international designator	2018-045C
Name of space object	Longjiang-2
State of registry	China
Date and territory or location of launch	20 May 2018 at 2128 hours 00 seconds UTC; Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	-
Inclination	40.3 degrees
Apogee	13,704 km
Perigee	357 km
General function of space object	Longjiang-2 is a lunar orbiter for low frequency radio astronomy, amateur radio and education

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

Space object owner or operator	Harbin Institute of Technology
Launch vehicle	CZ-4C
Celestial body space object is orbiting	Moon

Gaofen-6 (GF-6)

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

Name of space object	Gaofen-6 (GF-6)
National designator/registration number	GF-6
State of registry	China

Date and territory or location of launch	2 June 2018 UTC; Jiuquan Satellite Launch Centre, China
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Basic orbital parameters

Nodal period	97.651 minutes
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Inclination	98.045 degrees
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Apogee	649.638 km
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Perigee	642.952 km
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General function of space object	Earth observation
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Additional voluntary information for use in the Register of Objects Launched into Outer Space

Space object owner or operator	China
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Launch vehicle	CZ-2D (Y20)
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Fengyun-2H

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

Name of space object	Fengyun-2H
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State of registry	China
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Date and territory or location of launch	5 June 2018 at 2107 hours UTC; Xichang Satellite Launch Centre, China
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Basic orbital parameters

Nodal period	1,437 minutes
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Inclination	0 ± 2.5 degrees
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Apogee	35,789.48 km
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Perigee	35,785.45 km
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General function of space object	To obtain daytime visible-light, day and night infrared cloud imagery and water-vapour distribution maps; transmit extended cloud imagery for use by domestic and foreign ground data stations; gather observation data from data-collection platforms of meteorological, marine and hydrological agencies; monitor space environments; and obtain monitoring data for satellite engineering and space environmental-science research
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Additional voluntary information for use in the Register of Objects Launched into Outer Space

Geostationary position	79.1 degrees East
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Change of orbital position

Previous orbital position	94.1 degrees East
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New orbital position	79.1 degrees East
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Space object owner or operator	National Satellite Meteorological Centre, China Meteorological Administration
Launch vehicle	CZ-3A

XJS A

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

Name of space object	XJS A
State of registry	China
Date and territory or location of launch	27 June 2018 UTC; Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	97 minutes
Inclination	35 degrees
Apogee	485 km
Perigee	485 km
General function of space object	Remote sensing satellite

XJS B

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

Name of space object	XJS B
State of registry	China
Date and territory or location of launch	27 June 2018 UTC; Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	97 minutes
Inclination	35 degrees
Apogee	485 km
Perigee	485 km
General function of space object	Remote sensing satellite

32nd BeiDou Navigation Satellite

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

Name of space object	32nd BeiDou Navigation Satellite
State of registry	China
Date and territory or location of launch	9 July 2018 UTC; Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	1,436 minutes

Inclination	55.04 degrees
Apogee	35,884 km
Perigee	35,698 km
General function of space object	Navigation satellite

33rd BeiDou Navigation Satellite

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

Name of space object	33rd BeiDou Navigation Satellite
State of registry	China
Date and territory or location of launch	29 July 2018 UTC; Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	773 minutes
Inclination	54.84 degrees
Apogee	21,532 km
Perigee	21,524 km
General function of space object	Navigation satellite

34th BeiDou Navigation Satellite

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

Name of space object	34th BeiDou Navigation Satellite
State of registry	China
Date and territory or location of launch	29 July 2018 UTC; Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	773 minutes
Inclination	54.84 degrees
Apogee	21,532 km
Perigee	21,524 km
General function of space object	Navigation satellite

Gaofen-11

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

Name of space object	Gaofen-11
State of registry	China
Date and territory or location of launch	31 July 2018 UTC; Taiyuan Satellite Launch Centre, China

Basic orbital parameters	
Nodal period	92.3 minutes
Inclination	97.39 degrees
Apogee	546 km
Perigee	233 km
General function of space object	Remote sensing satellite

35th BeiDou Navigation Satellite

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

Name of space object	35th BeiDou Navigation Satellite
State of registry	China
Date and territory or location of launch	24 August 2018 UTC; Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	773 minutes
Inclination	54.9 degrees
Apogee	21,544 km
Perigee	21,512 km
General function of space object	Navigation satellite

36th BeiDou Navigation Satellite

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

Name of space object	36th BeiDou Navigation Satellite
State of registry	China
Date and territory or location of launch	24 August 2018 UTC; Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	773 minutes
Inclination	54.9 degrees
Apogee	21,537 km
Perigee	21,519 km
General function of space object	Navigation satellite

Haiyang-1C (HY-1C)

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

Name of space object	Haiyang-1C (HY-1C)
National designator/registration number	HY-1C

State of registry	China
Date and territory or location of launch	7 September 2018 UTC; Taiyuan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	100.347 minutes
Inclination	98.6031 degrees
Apogee	782.2543 km
Perigee	782.2543 km
General function of space object	Marine observation

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

Space object owner or operator	China
Launch vehicle	CZ-2C (Y39)

37th BeiDou Navigation Satellite

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

Name of space object	37th BeiDou Navigation Satellite
State of registry	China
Date and territory or location of launch	19 September 2018 UTC; Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	773 minutes
Inclination	55.01 degrees
Apogee	21,546 km
Perigee	21,510 km
General function of space object	Navigation satellite

38th BeiDou Navigation Satellite

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

Name of space object	38th BeiDou Navigation Satellite
State of registry	China
Date and territory or location of launch	19 September 2018 UTC; Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	773 minutes
Inclination	55.01 degrees
Apogee	21,542 km
Perigee	21,514 km
General function of space object	Navigation satellite

SF-1**Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space**

Name of space object	SF-1
State of registry	China
Date and territory or location of launch	29 September 2018 at 0413 hours 00 seconds UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	98.77 minutes
Inclination	98.19 degrees
Apogee	700 km
Perigee	700 km
General function of space object	Navigation signal relay and communication with the ground
Date of decay/re-entry/deorbit	30 March 2020 UTC (estimated)

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

Change of status in operations	
Date when space object is no longer functional	30 September 2019 UTC
Date when space object is moved to a disposal orbit	30 March 2020 UTC
Space object owner or operator	Beijing Future Navigation Technology Co., Ltd.
Launch vehicle	KZ-1

Yaogan-32A**Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space**

Name of space object	Yaogan-32A
State of registry	China
Date and territory or location of launch	9 October 2018 UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	98.6 minutes
Inclination	98.28 degrees
Apogee	697 km
Perigee	694 km
General function of space object	Remote sensing satellite

Yaogan-32B

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

Name of space object	Yaogan-32B
State of registry	China
Date and territory or location of launch	9 October 2018 UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	98.6 minutes
Inclination	98.28 degrees
Apogee	697 km
Perigee	695 km
General function of space object	Remote sensing satellite

39th BeiDou Navigation Satellite

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

Name of space object	39th BeiDou Navigation Satellite
State of registry	China
Date and territory or location of launch	15 October 2018 UTC; Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	773 minutes
Inclination	55.07 degrees
Apogee	21,551 km
Perigee	21,504 km
General function of space object	Navigation satellite

40th BeiDou Navigation Satellite

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

Name of space object	40th BeiDou Navigation Satellite
State of registry	China
Date and territory or location of launch	15 October 2018 UTC; Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	773 minutes
Inclination	55.07 degrees
Apogee	21,545 km
Perigee	21,511 km
General function of space object	Navigation satellite

Haiyang-2B (HY-2B)

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

Name of space object	Haiyang-2B (HY-2B)
National designator/registration number	HY-2B
State of registry	China
Date and territory or location of launch	25 October 2018 UTC; Taiyuan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	104 minutes
Inclination	99.34 degrees
Apogee	942.36 km
Perigee	938.17 km
General function of space object	Marine observation

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

Space object owner or operator	China
Launch vehicle	CZ-4B (Y34)

CFOSAT-1

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

Name of space object	CFOSAT-1
National designator/registration number	CFOSAT-1
State of registry	China
Date and territory or location of launch	29 October 2018 at 0043 hours 00 seconds UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	100.257 minutes
Inclination	97.463 degrees
Apogee	520.98 km
Perigee	520.98 km
General function of space object	Marine observation

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

Space object owner or operator	China
Launch vehicle	CZ-2C (Y44)

Tianqi-1G

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

Name of space object	Tianqi-1G
State of registry	China
Date and territory or location of launch	29 October 2018 at 0043 hours 00 seconds UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	95.04 minutes
Inclination	97.52 degrees
Apogee	520.88 km
Perigee	520.88 km
General function of space object	Experimental satellite

Xiaoxiang 1-02

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

Name of space object	Xiaoxiang 1-02
State of registry	China
Date and territory or location of launch	29 October 2018 at 0043 hours 00 seconds UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	95 minutes
Inclination	97 degrees
Apogee	528 km
Perigee	528 km
General function of space object	Used for space science experiments and technological verification

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

Space object owner or operator	Changsha Tianyi Space Science and Technology Research Institute Co., Ltd.
Launch vehicle	CZ-2C

Zhaojin-1

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

Name of space object	Zhaojin-1
State of registry	China

Date and territory or location of launch	29 October 2018 at 0043 hours 00 seconds UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	95 minutes
Inclination	97 degrees
Apogee	528 km
Perigee	528 km
General function of space object	Used for space science experiments and technological verification

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

Space object owner or operator	Changsha Tianyi Space Science and Technology Research Institute Co., Ltd.
Launch vehicle	CZ-2C

TY-4 (Changshagaoxin)

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

Name of space object	TY-4 (Changshagaoxin)
State of registry	China
Date and territory or location of launch	29 October 2018 at 0043 hours 00 seconds UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	95 minutes
Inclination	97 degrees
Apogee	528 km
Perigee	528 km
General function of space object	Used for space science experiments and technological verification

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

Space object owner or operator	Changsha Tianyi Space Science and Technology Research Institute Co., Ltd.
Launch vehicle	CZ-2C

41st BeiDou Navigation Satellite

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

Name of space object	41st BeiDou Navigation Satellite
State of registry	China

Date and territory or location of launch	1 November 2018 UTC; Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	1,436 minutes
Inclination	2.8 degrees
Apogee	35,791 km
Perigee	35,781 km
General function of space object	Navigation satellite

42nd BeiDou Navigation Satellite

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

Name of space object	42nd BeiDou Navigation Satellite
State of registry	China
Date and territory or location of launch	18 November 2018 UTC; Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	773 minutes
Inclination	54.92 degrees
Apogee	21,549 km
Perigee	21,507 km
General function of space object	Navigation satellite

43rd BeiDou Navigation Satellite

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

Name of space object	43rd BeiDou Navigation Satellite
State of registry	China
Date and territory or location of launch	18 November 2018 UTC; Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	773 minutes
Inclination	54.92 degrees
Apogee	21,547 km
Perigee	21,509 km
General function of space object	Navigation satellite

TP-1A**Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space**

Name of space object	TP-1A
State of registry	China
Date and territory or location of launch	19 November 2018 UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	94.7 minutes
Inclination	97.4 degrees
Apogee	506 km
Perigee	486 km
General function of space object	Experimental satellite

TP-1B**Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space**

Name of space object	TP-1B
State of registry	China
Date and territory or location of launch	19 November 2018 UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	94.7 minutes
Inclination	97.4 degrees
Apogee	506 km
Perigee	486 km
General function of space object	Experimental satellite

Shiyan 6**Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space**

Name of space object	Shiyan 6
State of registry	China
Date and territory or location of launch	19 November 2018 UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	94.7 minutes
Inclination	97.4 degrees
Apogee	516 km
Perigee	497 km
General function of space object	Experimental satellite

TZ-1**Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space**

Name of space object	TZ-1
State of registry	China
Date and territory or location of launch	19 November 2018 at 2340 hours 00 seconds UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	97.08 minutes
Inclination	97.35 degrees
Apogee	500 km
Perigee	500 km
General function of space object	Experiments in space-based cloud computing technology
Date of decay/re-entry/deorbit	20 May 2019 UTC

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

Change of status in operations	
Date when space object was no longer functional	20 May 2019 UTC
Date when space object was moved to a disposal orbit	20 November 2019 UTC
Space object owner or operator	Institute of Software, Chinese Academy of Sciences
Launch vehicle	CZ-2D

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

Name of space object	Tianfuxinghe
State of registry	China
Date and territory or location of launch	7 December 2018 UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	95 minutes
Inclination	97 degrees
Apogee	528 km
Perigee	528 km
General function of space object	Used for space science experiments and technical verification

Xiaoxiang 1-05

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

Name of space object	Xiaoxiang 1-05
State of registry	China
Date and territory or location of launch	7 December 2018 at 0412 hours 00 seconds UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	95 minutes
Inclination	97 degrees
Apogee	528 km
Perigee	528 km
General function of space object	Used for space science experiments and technological verification

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

Space object owner or operator	Changsha Tianyi Space Science and Technology Research Institute Co., Ltd.
Launch vehicle	CZ-2D

Tianfu Guoxing 2

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

Name of space object	Tianfu Guoxing 2
State of registry	China
Date and territory or location of launch	7 December 2018 at 0412 hours 00 seconds UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	95 minutes
Inclination	97 degrees
Apogee	528 km
Perigee	528 km
General function of space object	Used for space science experiments and technological verification

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

Space object owner or operator	Changsha Tianyi Space Science and Technology Research Institute Co., Ltd.
Launch vehicle	CZ-2D

Juvenile-OFO

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

Name of space object	Juvenile-OFO
State of registry	China
Date and territory or location of launch	7 December 2018 UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	95.41 minutes
Inclination	97.62 degrees
Apogee	556 km
Perigee	535 km
General function of space object	Sel-fie, VR, Twinkle
Date of decay/re-entry/deorbit	7 December 2020

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

Space object owner or operator	Beijing Commsat Technology Development Co., Ltd.
Launch vehicle	Long March 2D

Juvenile-5C-02

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

Name of space object	Juvenile-5C-02
State of registry	China
Date and territory or location of launch	7 December 2018 UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	95.41 minutes
Inclination	97.62 degrees
Apogee	558.5 km
Perigee	533.6 km
General function of space object	Visible-light remote sensing, data storage and relay
Date of decay/re-entry/deorbit	7 December 2019

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

Space object owner or operator	Beijing Commsat Technology Development Co., Ltd.
Launch vehicle	Long March 2D

Juvenile-5C-03**Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space**

Name of space object	Juvenile-5C-03
State of registry	China
Date and territory or location of launch	7 December 2018 UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	95.41 minutes
Inclination	97.6211 degrees
Apogee	559.9 km
Perigee	534 km
General function of space object	Visible-light remote sensing, data storage and relay
Date of decay/re-entry/deorbit	7 December 2019

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

Space object owner or operator	Beijing Commsat Technology Development Co., Ltd.
Launch vehicle	Long March 2D

Juvenile-5C-04**Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space**

Name of space object	Juvenile-5C-04
State of registry	China
Date and territory or location of launch	7 December 2018 UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	95.41 minutes
Inclination	97.5878 degrees
Apogee	552.3 km
Perigee	538.4 km
General function of space object	Visible-light remote sensing, data storage and relay
Date of decay/re-entry/deorbit	7 December 2019

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

Space object owner or operator	Beijing Minospace Technology Co., Ltd.
Launch vehicle	Long March 2D

Juvenile-5C-05**Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space**

Name of space object	Juvenile-5C-05
State of registry	China
Date and territory or location of launch	7 December 2018 UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	95.41 minutes
Inclination	97.62 degrees
Apogee	557.4 km
Perigee	532.2 km
General function of space object	Visible-light remote sensing, data storage and relay
Date of decay/re-entry/deorbit	7 December 2019

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

Space object owner or operator	Beijing Commsat Technology Development Co., Ltd.
Launch vehicle	Long March 2D

Juvenile-5C-06**Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space**

Name of space object	Juvenile-5C-06
State of registry	China
Date and territory or location of launch	7 December 2018 UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	95.41 minutes
Inclination	97.6195 degrees
Apogee	559 km
Perigee	533.7 km
General function of space object	Visible-light remote sensing, data storage and relay
Date of decay/re-entry/deorbit	7 December 2020

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

Space object owner or operator	Beijing Commsat Technology Development Co., Ltd.
Launch vehicle	Long March 2D

Juvenile-5C-07**Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space**

Name of space object	Juvenile-5C-07
State of registry	China
Date and territory or location of launch	7 December 2018 UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	95.41 minutes
Inclination	97.6317 degrees
Apogee	559.1 km
Perigee	533.8 km
General function of space object	Visible-light remote sensing, data storage and relay
Date of decay/re-entry/deorbit	7 December 2019

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

Space object owner or operator	Beijing Commsat Technology Development Co., Ltd.
Launch vehicle	Long March 2D

CE-4**Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space**

Name of space object	CE-4
National designator/registration number	CE-4
State of registry	China
Date and territory or location of launch	8 December 2018 UTC; Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	-
Inclination	-
Apogee	-
Perigee	-
General function of space object	Moon exploration

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

Space object owner or operator	China
Launch vehicle	CZ-3B/G2 Y30
Celestial body space object is orbiting	Moon

TJS-3**Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space**

Name of space object	TJS-3
State of registry	China
Date and territory or location of launch	24 December 2018 UTC; Xichang Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	1,436.09 minutes
Inclination	0.08 degrees
Apogee	35,795 km
Perigee	35,778 km
General function of space object	Communications satellite

Hongyan-1 (HYXZ-0-01)**Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space**

Name of space object	Hongyan-1 (HYXZ-0-01)
National designator/registration number	HYXZ-0-01
State of registry	China
Date and territory or location of launch	29 December 2018 UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	107.155 minutes
Inclination	50.0 degrees
Apogee	1,096.0 km
Perigee	1,094.0 km
General function of space object	Communications, etc.

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

Space object owner or operator	China
Launch vehicle	CZ-2D (Y35)

Yunhai 2-A**Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space**

Name of space object	Yunhai 2-A
State of registry	China
Date and territory or location of launch	29 December 2018 UTC; Jiuquan Satellite Launch Centre, China

Basic orbital parameters	
Nodal period	95.04 minutes
Inclination	50.01 degrees
Apogee	525 km
Perigee	517 km
General function of space object	Weather satellite

Yunhai 2-B

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

Name of space object	Yunhai 2-B
State of registry	China
Date and territory or location of launch	29 December 2018 UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	100.87 minutes
Inclination	50.01 degrees
Apogee	803 km
Perigee	796 km
General function of space object	Weather satellite

Yunhai 2-C

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

Name of space object	Yunhai 2-C
State of registry	China
Date and territory or location of launch	29 December 2018 UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	94.99 minutes
Inclination	50.01 degrees
Apogee	524 km
Perigee	512 km
General function of space object	Weather satellite

Yunhai 2-D

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

Name of space object	Yunhai 2-D
State of registry	China

Date and territory or location of launch	29 December 2018 UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	107.12 minutes
Inclination	50.01 degrees
Apogee	1,098 km
Perigee	1,088 km
General function of space object	Weather satellite

Yunhai 2-E

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

Name of space object	Yunhai 2-E
State of registry	China
Date and territory or location of launch	29 December 2018 UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	100.87 minutes
Inclination	50.01 degrees
Apogee	804 km
Perigee	796 km
General function of space object	Weather satellite

Yunhai 2-G

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

Name of space object	Yunhai 2-G
State of registry	China
Date and territory or location of launch	29 December 2018 UTC; Jiuquan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	107.17 minutes
Inclination	50.01 degrees
Apogee	1,100 km
Perigee	1,092 km
General function of space object	Weather satellite
