



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 31 January 2020 from the Permanent Mission
of Brazil to the United Nations (Vienna) addressed to the
Secretary-General**

The Permanent Mission of Brazil to the United Nations (Vienna), in accordance with article IV of the Convention on Registration of Objects Launched into Outer Space (General Assembly resolution 3235 (XXIX), annex), has the honour to transmit registration data on the space objects CBERS-4A, FloripaSat, ITASAT, SGDC, Sky-Brasil-1 (Intelsat 32E), Tancredo-1, SERPENS, AESP-14, NanoSatC-BR1 and SCD-2 (see annex).



Annex

Registration data on space objects launched by Brazil*

CBERS-4A

Name of space object	CBERS-4A
Country name	Brazil
Date of launch	20 December 2019
Place of launch	Taiyuan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	97.21 minutes
Inclination	97.98 degrees
Apogee height	636 kilometres
Perigee height	615 kilometres
General function of space object	Earth observation

FloripaSat

Name of space object	FloripaSat
Country name	Brazil
Date of launch	20 December 2019
Place of launch	Taiyuan Satellite Launch Centre, China
Basic orbital parameters	
Nodal period	97.17 minutes
Inclination	97.97 degrees
Apogee height	633 kilometres
Perigee height	613 kilometres
General function of space object	Technological development

ITASAT

Name of space object	ITASAT
Country name	Brazil
Date of launch	3 December 2018
Place of launch	Vandenberg Air Force Base, United States of America
Basic orbital parameters	
Nodal period	96.31 minutes
Inclination	97.73 degrees
Apogee height	592 kilometres

* The registration data are reproduced in the form in which they were received.

Perigee height	571 kilometres
General function of space object	Technological development

SGDC

Name of space object	SGDC
Country name	Brazil
Date of launch	4 May 2017
Place of launch	Kourou, French Guiana
Basic orbital parameters	
Nodal period	1,436.09 minutes
Inclination	0.02 degrees
Apogee height	35,797 kilometres
Perigee height	35,776 kilometres
General function of space object	Telecommunication

Sky-Brasil-1 (Intelsat 32E)

Name of space object	Sky-Brasil-1 (Intelsat 32E)
Country name	Brazil
Date of launch	14 February 2017
Place of launch	Kourou, French Guiana
Basic orbital parameters	
Nodal period	1,436.12 minutes
Inclination	0.00 degrees
Apogee height	35,789 kilometres
Perigee height	35,785 kilometres
General function of space object	Telecommunication

Tancredo-1

Name of space object	Tancredo-1
Country name	Brazil
Date of launch	16 January 2017
Place of launch	International Space Station (ISS) (Tanegashima, Japan)
Basic orbital parameters	
Nodal period	87.69 minutes
Inclination	51.61 degrees
Apogee height	164 kilometres
Perigee height	156 kilometres
General function of space object	Educational

SERPENS

Name of space object	SERPENS
Country name	Brazil
Date of launch	17 September 2015
Place of launch	ISS (Tanegashima, Japan)
Basic orbital parameters	
Nodal period	87.70 minutes
Inclination	51.61 degrees
Apogee height	166 kilometres
Perigee height	154 kilometres
General function of space object	Technological development

AESP-14

Name of space object	AESP-14
Country name	Brazil
Date of launch	5 February 2015
Place of launch	ISS (Cape Canaveral, United States)
Basic orbital parameters	
Nodal period	87.70 minutes
Inclination	51.61 degrees
Apogee height	166 kilometres
Perigee height	156 kilometres
General function of space object	Technological development

NanoSatC-BR1

Name of space object	NanoSatC-BR1
Country name	Brazil
Date of launch	19 June 2014
Place of launch	Orenburg, Russian Federation
Basic orbital parameters	
Nodal period	96.65 minutes
Inclination	97.92 degrees
Apogee height	607 kilometres
Perigee height	589 kilometres
General function of space object	Technological development

SCD-2

Name of space object	SCD-2
Country name	Brazil
Date of launch	23 October 1998
Place of launch	Cape Canaveral, United States
Basic orbital parameters	
Nodal period	99.72 minutes
Inclination	24.99 degrees
Apogee height	757 kilometres
Perigee height	733 kilometres
General function of space object	Earth observation
