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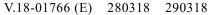
Committee on the Peaceful Uses of Outer Space

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

Note verbale dated 9 January 2018 from the Permanent Mission of Chile to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of Chile to the United Nations (Vienna), in accordance with article IV of the Convention on Registration of Objects Launched into Outer Space (General Assembly resolution 3235 (XXIX), annex), has the honour to transmit information concerning the launch of the SUCHAI-1 standard nanosatellite from the Satish Dhawan Space Centre, India (see annex).







Annex

Registration data on a space object launched by Chile*

SUCHAI-1

Name of the launching State Chile

National designator SUCHAI-1 (project of the University of Chile)

2017-036Z

Committee on Space Research

international designator

Date of launch 22 June 2017

Location of the launch Satish Dhawan Space Centre, India

Launch vehicle PSLV (Polar Satellite Launch Vehicle) rocket Basic orbital parameters (http://celestrak.com/NORAD/elements/cubesat.txt)

(as at 2 January 2018)

Orbit low Earth orbit

Nodal period 5,676.02 seconds

Inclination 97.456 degrees

Apogee 512.1538 kilometres (altitude)

6,890.2980 kilometres (radius)

Perigee 486.3076 kilometres (altitude)

6,864.4446 kilometres (radius)

Type Standard CubeSat nanosatellite

(1U-10x10x10 centimetres)

Status Active

Function of space object Educational and scientific study of the atmosphere Payload Ionospheric plasma sensor, global positioning system,

temperature sensors, gyro sensor, optical camera

Mass 0.9 kilograms

Propulsion None

Radio spectrum band Between 430 and 440 MHz (UHF)

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