United Nations ST/sg/ser.e/899



Distr.: General 8 August 2019

Original: English

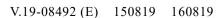
Committee on the Peaceful Uses of Outer Space

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

Note verbale dated 22 July 2019 from the Permanent Mission of South Africa to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of South Africa 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 regarding the space object ZACube-2 (see annex).







Annex

Registration data on a space object launched by South Africa*

ZACube-2

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

Committee on Space Research

international designator

2018-111AH

ZACube-2 ZA-004

National designator/registration number

State of registry

Name of space object

South Africa

Date and territory or location of launch

27 December 2018 at 0207 hours

18 seconds UTC;

Vostochny Cosmodrome, Amur Region,

Russian Federation

Basic orbital parameters

Nodal period

94.29 minutes

Inclination

97.30 degrees 509.62 kilometres

Apogee Perigee

477.87 kilometres

General function of space object

ZaCube-2 is a technology demonstration mission equipped with

an Automatic Identification System (AIS) receiver as its main payload, through which navigational data is received. ZACube-2 also carries a near-infrared imager for forest fire

detection.

Date of decay/re-entry/deorbit

2030 (estimated)

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

Website http://www.cput.ac.za/blogs/fsati/zacube-2/

Space object owner or operator Cape Peninsula University of Technology

Launch vehicle Soyuz-2 launch vehicle

2/2 V.19-08492

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