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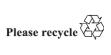
Committee on the Peaceful Uses of Outer Space

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

Note verbale dated 26 May 2020 from the Permanent Mission of Poland to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of Poland 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 KRAKsat satellite (see annex).

¹ The data on the space object referenced in the annex were entered into the Register of Objects Launched into Outer Space on 28 May 2020.





Annex

Registration data on a space object launched by Poland*

KRAKsat

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

Names of the space object KRAKsat

National designator 5

State of registry Poland

Other launching States United States of America

Date and territory or location of the

launch

3 July 2019 at 1150 hours 00 seconds UTC; space-based launch (International Space

Station)

Basic orbital parameters

Nodal period 92.7 minutes
Inclination 51.6418 degrees

 Apogee
 416.5 km

 Perigee
 412.6 km

General function of the space object The main task of the satellite is to check how

the magnetic liquid called ferrofluid will act in outer space. The mission is trying to use ferrofluid as a flywheel in outer space, where there is no gravitation, by putting it in rotary motion in a magnetic field. If successful, the liquid should rotate with the expected velocity and change the direction of the satellite's

rotation

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

Change of status in operations

Physical conditions when moved Satellite will deorbit owing to air drag in

to a disposal orbit summer 2020

Website www.kraksat.pl/space/en

Space object owner or operator AGH University of Science and Technology

Launch vehicle Antares 230, Cygnus NG-11

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