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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

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 to a disposal orbit	Satellite will deorbit owing to air drag in 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

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