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

Note verbale dated 11 December 2024 from the Permanent Mission of Portugal to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of Portugal to the United Nations (Vienna), in order to fulfil the international obligations applicable to Portugal, has the honour to inform on the publishing by Portugal's national regulatory authority for the communications sector (ANACOM) of the following space objects in the national register of space objects: AEROS satellite (launch and command and control licence reference ANACOM-01/2024-AE of 4 March 2024) and ISTSat-1 satellite (launch and command and control licence reference ANACOM-02/2024-AE of 25 March 2024) (see annex).¹

¹ The data on the space objects referenced in the annex were entered into the Register of Objects Launched into Outer Space on 17 December 2024.



Annex

Registration information on space objects launched by Portugal*

AEROS

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Committee on Space Research international designator	2024-043AZ
Name of the space object	AEROS
National designator/registration number	PT-SAT-01-2024
State of registry	Portugal
Other launching States	United States of America
Date and territory or location of launch	4 March 2024 at 2204 hours UTC; Vandenberg Space Force Base, California, United States of America
Basic orbital parameters	
Nodal period	94.8 minutes
Inclination	97.4681 degrees
Apogee	517 kilometres
Perigee	501 kilometres
General function of the space object	Scientific activities (ocean observation of the Portuguese Atlantic region and the pursuit of scientific experiments in oceanography and climate change).

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

Space object owner or operator	Centre of Engineering and Product Development of Portugal (CEiiA)
Launch vehicle	Falcon 9 - Transporter 10, from SpaceX

ISTSat-1

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Committee on Space Research international designator	2024-128D
Name of the space object	ISTSat-1
National designator/registration number	PT-SAT-02-2024
State of registry	Portugal

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

Other launching States	France
Date and territory or location of launch	9 July 2024 at 1900 hours UTC; Guiana Space Centre, Kourou, French Guiana (France)
Basic orbital parameters	
Nodal period	96.2 minutes
Inclination	61.99 degrees
Apogee	583 kilometres
Perigee	569 kilometres
General function of the space object	Scientific activities (demonstration of new Automatic Dependent Surveillance - Broadcast (ADS-B) signal decoding technology)
Additional voluntary information for use in the Register of Objects Launched into Outer Space	
Space object owner or operator	Instituto Superior Técnico (IST), University of Lisbon
Launch vehicle	Ariane 6 - model 62 from Arianespace
