



# General Assembly

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## Committee on the Peaceful Uses of Outer Space

### **Information furnished in conformity with General Assembly resolution 1721 B (XVI) by States launching objects into orbit or beyond**

#### **Note verbale dated 3 January 2022 from the Permanent Mission of the Philippines to the United Nations (Vienna) addressed to the Secretary-General**

The Permanent Mission of the Philippines to the United Nations (Vienna) has the honour to transmit, in conformity with paragraph 1 of General Assembly resolution 1721 B (XVI) of 20 December 1961, information for the registration of the space objects Maya-3 (international designator 1998-067SS) and Maya-4 (international designator 1998-067ST), launched into outer space by the Philippines (see annex).<sup>1</sup>

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<sup>1</sup> The data on the space objects referenced in the annex were entered into the Register of Objects Launched into Outer Space on 27 January 2022.



## Annex

### Registration data on space objects launched by the Philippines\*

#### Maya-3

Committee on Space Research international designator	1998-067SS
Name of the space object	Maya-3
State of registry	Philippines
Date and territory or location of the launch	6 October 2021 at 0920 hours 0 seconds UTC; International Space Station (ISS)
Basic orbital parameters	
Nodal period	92.8 minutes
Inclination	51.6 degrees
Apogee	423.5 kilometres
Perigee	418.7 kilometres
General function of the space object	<ol style="list-style-type: none"> <li>1. Demonstration of ground data acquisition using store-and-forward technology (S&amp;F mission).</li> <li>2. Commercial off-the-shelf Automatic Packet Reporting System (APRS) digital repeater payload demonstration on a CubeSat (APRS-DP mission).</li> <li>3. Image and video capture (RGB CAM mission).</li> <li>4. Global Positioning System (GPS) chip demonstration (GPS mission).</li> <li>5. Detection of and protection from single-event latch-up due to space radiation (SEL mission).</li> <li>6. Magnetic field measurement in space using an anisotropic magnetoresistance sensor (AMR-MM mission).</li> </ol>
Space object owner or operator	University of the Philippines Diliman and the Department of Science and Technology of the Philippines
Website	<a href="https://stamina4space.upd.edu.ph/satellites-page/maya-3and4/">https://stamina4space.upd.edu.ph/satellites-page/maya-3and4/</a>
Launch vehicle	Dragon C208
Other information	The CubeSat was carried by Dragon C208 as cargo to ISS and launched by a SpaceX Falcon 9 rocket on 29 August 2021

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

**Maya-4**

Committee on Space Research international designator	1998-067ST
Name of the space object	Maya-4
State of registry	Philippines
Date and territory or location of the launch	6 October 2021 at 0920 hours 0 seconds UTC; ISS
Basic orbital parameters	
Nodal period	92.8 minutes
Inclination	51.6 degrees
Apogee	423.5 kilometres
Perigee	418.7 kilometres
General function of the space object	<ol style="list-style-type: none"> <li>1. Demonstration of ground data acquisition using store-and-forward technology (S&amp;F mission).</li> <li>2. Commercial off-the-shelf Automatic Packet Reporting System (APRS) digital repeater payload demonstration on a CubeSat (APRS-DP mission).</li> <li>3. Image and video capture (RGB CAM mission).</li> <li>4. Demonstration of a near-infrared camera (NIR CAM mission).</li> <li>5. GPS chip demonstration (GPS mission).</li> <li>6. Detection of and protection from single-event latch-up due to space radiation (SEL mission).</li> <li>7. Magnetic field measurement in space using an anisotropic magnetoresistance sensor (AMR-MM mission).</li> </ol>
Space object owner or operator	University of the Philippines Diliman and the Department of Science and Technology of the Philippines
Website	<a href="https://stamina4space.upd.edu.ph/satellites-page/maya-3and4/">https://stamina4space.upd.edu.ph/satellites-page/maya-3and4/</a>
Launch vehicle	Dragon C208
Other information	The CubeSat was carried by Dragon C208 as cargo to ISS and launched by a SpaceX Falcon 9 rocket on 29 August 2021