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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 22 April 2021 from the Permanent Mission of
Australia to the United Nations (Vienna) addressed to the
Secretary-General**

The Permanent Mission of Australia 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 space objects M2 Pathfinder, launched on 13 June 2020, EG-1 (Tyvak 0172), launched in August 2020, and EG-2 (Tyvak 0171), launched in September 2020 (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 12 May 2021.



Annex

Registration data on space objects launched by Australia*

M2 Pathfinder

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

Committee on Space Research international designator	2020-037E
Name of space object	M2 Pathfinder
State of registry	Australia
National designator/registration number	01/2020
Other launching States	New Zealand
Date and territory or location of launch	13 June 2020 UTC; Mahia Peninsula, New Zealand
Basic orbital parameters	
Nodal period	96.3 minutes
Inclination	97.7 degrees
Apogee	604 kilometres
Perigee	584 kilometres
General function of space object	Telecommunications

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

Space object owner or operator	University of New South Wales
Launch vehicle	Rocket Lab Electron rocket

EG-1 (Tyvak 0172)

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

Committee on Space Research international designator	2020-059C
Name of space object	EG-1 (Tyvak 0172)
State of registry	Australia
National designator/registration number	03/2020
Other launching States	United States of America
Date and territory or location of launch	31 August 2020 at 0022 hours, 13 seconds UTC; Cape Canaveral Space Force Station, United States

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

Basic orbital parameters	
Nodal period	97 minutes
Inclination	97.87 degrees
Apogee	621 kilometres
Perigee	601 kilometres
General function of space object	Telecommunications

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

Space object owner or operator	EchoStar Global Australia Pty Ltd.
Launch vehicle	SpaceX Falcon 9

EG-2 (Tyvak 0171)

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

Committee on Space Research international designator	2020-061Z
Name of space object	EG-2 (Tyvak 0171)
State of registry	Australia
National designator/registration number	03/2020
Other launching States	France
Date and territory or location of launch	3 September 2020 UTC; Guiana Space Centre, French Guiana
Basic orbital parameters	
Nodal period	95 minutes
Inclination	97.51 degrees
Apogee	549 kilometres
Perigee	529 kilometres
General function of space object	Telecommunications

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

Space object owner or operator	EchoStar Global Australia Pty Ltd.
Launch vehicle	Arianespace Vega