



**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 12 July 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, Myriota 7 (Tyvak 0152) and Centauri 3 (Tyvak 0210) (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 13 July 2021.



Annex

Registration data on space objects launched by Australia*

M2

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

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| Committee on Space Research international designator | 2021-023C |
| Name of space object | M2 |
| State of registry | Australia |
| National designator/registration number | 01/2021 |
| Other launching States | New Zealand |
| Date and territory or location of launch | 22 March 2021 at 2230 hours UTC; Mahia Peninsula, New Zealand |
| Basic orbital parameters | |
| Nodal period | 95 minutes |
| Inclination | 45 degrees |
| Apogee | 558.84 kilometres |
| Perigee | 544.64 kilometres |
| General function of space object | To support testing of systems designed by the University of New South Wales, including decoupling, artificial intelligence and space situational awareness capabilities. Two nearly identical 6U CubeSats, currently joined, will separate into two satellites (M2-A and M2-B) |

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

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

Myriota 7 (Tyvak 0152)

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

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|--|------------------------|
| Committee on Space Research international designator | 2021-023D |
| Name of space object | Myriota 7 (Tyvak 0152) |
| State of registry | Australia |
| National designator/registration number | 06/2020 |
| Other launching States | New Zealand |

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

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|--|---|
| Date and territory or location of launch | 22 March 2021 at 2230 hours UTC; Mahia Peninsula, New Zealand |
| Basic orbital parameters | |
| Nodal period | 95 minutes |
| Inclination | 45 degrees |
| Apogee | 566 kilometres |
| Perigee | 554 kilometres |
| General function of space object | Direct-to-orbit satellite connectivity for Internet-of-things devices |

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

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|--------------------------------|----------------------------|
| Space object owner or operator | Myriota Pty. Ltd. |
| Launch vehicle | Rocket Lab Electron rocket |

Centauri 3 (Tyvak 0210)

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

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| Committee on Space Research international designator | 2021-023B |
| Name of space object | Centauri 3 (Tyvak 0210) |
| State of registry | Australia |
| National designator/registration number | 02/2021 |
| Other launching States | New Zealand |
| Date and territory or location of launch | 22 March 2021 at 2230 hours UTC; Mahia Peninsula, New Zealand |
| Basic orbital parameters | |
| Nodal period | 95 minutes |
| Inclination | 45 degrees |
| Apogee | 547.18 kilometres |
| Perigee | 557.95 kilometres |
| General function of space object | To provide communication with the Fleet Space Technologies fleet network |

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

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|--------------------------------|------------------------------------|
| Space object owner or operator | Fleet Space Technologies Pty. Ltd. |
| Launch vehicle | Rocket Lab Electron rocket |