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**Information furnished in conformity with the Convention
on Registration of Objects Launched into Outer Space****Note verbale dated 8 October 2024 from the Permanent Mission of
New Zealand to the United Nations (Vienna) addressed to the
Secretary-General**

The Permanent Mission of New Zealand 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 herewith information concerning objects launched into outer space by New Zealand during the period from July to September 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 9 October 2024.



Annex

Information on space objects launched by New Zealand, including from New Zealand territory, as well as from outside New Zealand territory on the basis of overseas payload permits authorized by New Zealand, during the period from 1 July 2024 to 30 September 2024^{*,}**

I. Objects registered by New Zealand

A. Objects launched by New Zealand during the period from 1 July 2024 to 30 September 2024

International designator	National designator	Name	Date of the launch (UTC)	Other launching States	Basic orbital parameters				General function of the space object	Additional voluntary information		
					Nodal period (minutes)	Inclination (degrees)	Apogee (km)	Perigee (km)		Owner or operator	Launch vehicle	Website
2024-137C	NZ-2024-032	Electron R/B	2 August 2024	United States of America	88.68	42.95	256	162	Rocket body	Rocket Lab USA	Electron	www.rocketlabusa.com
2024-137B	NZ-2024-031	Electron Kick Stage R/B	2 August 2024	United States	93.88	43.01	502	426	Rocket body	Rocket Lab USA	Electron	www.rocketlabusa.com
2024-142C	NZ-2024-035	Electron R/B	11 August 2024	United States	87.67	52.99	197	121	Rocket body	Rocket Lab USA	Electron	www.rocketlabusa.com
2024-142B	NZ-2024-034	Electron Kick Stage R/B	11 August 2024	United States	96.88	53.01	620	599	Rocket body	Rocket Lab USA	Electron	www.rocketlabusa.com
2024-172F	NZ-2024-042	Electron R/B	20 September 2024	United States	96.64	98.01	637	559	Rocket body	Rocket Lab USA	Electron	www.rocketlabusa.com
2024-172G	NZ-2024-041	Electron Kick Stage R/B	20 September 2024	United States	88.25	97.98	238	138	Rocket body	Rocket Lab USA	Electron	www.rocketlabusa.com

* The data are reproduced in the form in which they were received.

** As identified on www.space-track.org.

B. Objects launched outside New Zealand territory, on the basis of overseas payload permits authorized by New Zealand, during the period from 1 July 2024 to 30 September 2024

International designator	National designator	Name	Date and time of the launch (UTC)	State of registry	Other launching States	Basic orbital parameters				General function of the space object	Additional voluntary information		
						Nodal period (minutes)	Inclination (degrees)	Apogee (km)	Perigee (km)		Payload owner or operator	Launch vehicle	Website
None													

C. Objects no longer in orbit

International designator	National designator	Name	Date of the launch (UTC)	General function of the space object	Date of re-entry (UTC)
2024-114B	NZ-2024-029	Electron R/B	20 June 2024	Rocket body	9 July 2024
2024-137C	NZ-2024-032	Electron R/B	2 August 2024	Rocket body	14 August 2024
2024-142C	NZ-2024-035	Electron R/B	11 August 2024	Rocket body	24 August 2024

D. Objects identified in a previous report that remain in orbit but are no longer operational

International designator	National designator	Name	Date of the launch (UTC)	General function of the space object	Date when space object was no longer functional (UTC)
None					

E. Objects identified in a previous report that have been moved to a disposal orbit

International designator	National designator	Name	Date of the launch (UTC)	General function of the space object	Geostationary position (degrees East)	Date when space object was moved to a disposal orbit	Physical conditions when space object was moved to a disposal orbit (change in orbit, passivation and other measures recommended in space debris mitigation guidelines)
None							

F. Objects the registration or ownership of which has been transferred from New Zealand to another country

<i>International designator</i>	<i>National designator</i>	<i>Name</i>	<i>Date of change in supervision (UTC)</i>	<i>Identity of the previous owner or operator</i>	<i>Identity of the new owner or operator</i>	<i>Previous orbital position</i>	<i>New orbital position</i>	<i>Change of function of the space object</i>
None								

G. Objects the registration or ownership of which has been transferred to New Zealand

<i>International designator</i>	<i>National designator</i>	<i>Name</i>	<i>Date of change in supervision (UTC)</i>	<i>Identity of the previous owner or operator</i>	<i>Identity of the new owner or operator</i>	<i>Previous orbital position</i>	<i>New orbital position</i>	<i>Change of function of the space object</i>
None								

II. Objects launched from New Zealand during previous quarters

			Date and time of the launch (New Zealand time)	Other launching States	Basic orbital parameters				Additional voluntary information			
International designator	National designator	Name			Nodal period (minutes)	Inclination (degrees)	Apogee (km)	Perigee (km)	General function of the space object	Owner or operator	Launch vehicle	Website
None												

III. Revisions to previously reported information

No revisions.

IV. Notification of space objects launched from New Zealand during the period from 1 July 2024 to 30 September 2024

The following space objects are not registered by New Zealand.

International designator	National designator	Name	Date of the launch (UTC)	Other launching States	Basic orbital parameters				General function of the space object	Additional voluntary information		
					Nodal period (minutes)	Inclination (degrees)	Apogee (km)	Perigee (km)		Payload owner or operator	Launch vehicle	Website
2024-172E	NZ-2024-039	KINEIS-3B	20 September 2024	France	97.45	98.02	638	635	Payload	Kinéis	Electron	-
2024-172D	NZ-2024-038	KINEIS-3A	20 September 2024	France	97.46	98.02	638	636	Payload	Kinéis	Electron	-
2024-172C	NZ-2024-037	KINEIS-3E	20 September 2024	France	97.48	98.02	638	638	Payload	Kinéis	Electron	-
2024-172B	NZ-2024-040	KINEIS-3D	20 September 2024	France	97.48	98.02	639	638	Payload	Kinéis	Electron	-
2024-172A	NZ-2024-036	KINEIS-3C	20 September 2024	France	97.49	98.02	639	638	Payload	Kinéis	Electron	-
2024-142A	NZ-2024-033	CAPELLA-13 (ACADIA)	11 August 2024	United States	96.87	53.01	618	599	Payload	Capella Space Corporation	Electron	-
2024-137A	NZ-2024-030	STRIX-4	2 August 2024	Japan	95.39	43.02	543	533	Payload	Synspective Japan Inc.	Electron	-

Note: Orbital parameters identified as at 7 October 2024 (source: www.space-track.org).

V. Objects launched from New Zealand that are no longer in orbit

The following space objects are not registered by New Zealand.

International designator	National designator	Name	Date of the launch (UTC)	Other launching States	General function of the space object	Date of re-entry (UTC)
2018-088A	NZ-2018-009	CICERO 10	11 November 2018	United States	Payload	20 July 2024
2022-047AB	NZ-2022-049	MYRADAR1	2 May 2022	United States	Payload	20 August 2024
2021-106B	NZ-2021-020	Global-15	18 November 2021	United States	Payload	20 September 2024

Note: Orbital parameters identified as at 7 October 2024 (source: www.space-track.org).

VI. Notification of space objects launched from New Zealand during previous quarters

The following space objects are not registered by New Zealand.

Objects launched from New Zealand

International designator	National designator	Name	Date and time of the launch (New Zealand time)	Other launching States	Basic orbital parameters				General function of the space object	Date of re- entry (UTC)	Additional voluntary information		
					Nodal period (minutes)	Inclination (degrees)	Apogee (km)	Perigee (km)			Payload owner or operator	Launch vehicle	Website
None													