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**Information furnished in conformity with the Convention
on Registration of Objects Launched into Outer Space****Note verbale dated 10 July 2025 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 information concerning objects launched into outer space by New Zealand during the period from April–June 2025 (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 11 July 2025.



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 April to 30 June 2025^{*,}**

I. Objects registered by New Zealand

A. Objects launched by New Zealand during the period from 1 April to 30 June 2025

International designator	National designator	Name	Date and time 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
2025-104C	NZ-2025-031	Electron Kick Stage R/B	17 May 2025 at 0817 hours	United States of America	92.72	42.01	527	288	Rocket body	Rocket Lab USA	Electron	www.rocketlabusa.com
2025-104B	NZ-2025-032	Electron R/B	17 May 2025 at 0817 hours	United States	88.17	41.93	206	162	Rocket body	Rocket Lab USA	Electron	www.rocketlabusa.com
2025-118A	NZ-2025-034	Electron Kick Stage R/B	2 June 2025 at 2357 hours	United States	94.02	58.99	480	463	Rocket body	Rocket Lab USA	Electron	www.rocketlabusa.com
2025-118C	NZ-2025-035	Electron R/B	2 June 2025 at 2357 hours	United States	88.11	58.99	226	136	Rocket body	Rocket Lab USA	Electron	www.rocketlabusa.com
2025-125B	NZ-2025-037	Electron Kick Stage R/B	11 June 2025 at 1531 hours	United States	92.87	42.01	551	280	Rocket body	Rocket Lab USA	Electron	www.rocketlabusa.com
2025-125C	NZ-2025-038	Electron R/B	11 June 2025 at 1531 hours	United States	91.64	42.02	489	221	Rocket body	Rocket Lab USA	Electron	www.rocketlabusa.com
2025-140C	NZ-2025-041	Electron R/B	28 June 2025 at 0708 hours	United States	92.22	95.99	590	177	Rocket body	Rocket Lab USA	Electron	www.rocketlabusa.com
2025-138E	NZ-2025-043	Electron Kick Stage R/B	26 June 2025 at 1728 hours	United States	87.7	97.3	205	116	Rocket body	Rocket Lab USA	Electron	www.rocketlabusa.com
2025-138F	NZ-2025-044	Electron R/B	26 June 2025 at 1728 hours	United States	90.19	97.42	404	164	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 April to 30 June 2025

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)
2025-056F	NZ-2025-020	Electron R/B	18 March 2025	Rocket body	1 April 2025
2025-061K	NZ-2025-022	Electron R/B	26 March 2025	Rocket body	4 April 2025
2024-108C	NZ-2024-021	Electron Kick Stage R/B	5 June 2024	Rocket body	8 April 2025
2024-137B	NZ-2024-031	Electron Kick Stage R/B	2 August 2024	Rocket body	8 April 2025
2025-050B	NZ-2025-013	Electron R/B	15 March 2025	Rocket body	9 April 2025
2023-062B	NZ-2023-007	Electron Kick Stage R/B	8 May 2023	Rocket body	12 April 2025
2023-073D	NZ-2023-013	Electron R/B	26 May 2023	Rocket body	15 May 2025
2023-073A	NZ-2023-010	Electron Kick Stage R/B	26 May 2023	Rocket body	20 May 2025
2024-099C	NZ-2024-018	Electron Kick Stage R/B	25 May 2024	Rocket body	5 June 2025
2025-118C	NZ-2025-035	Electron R/B	2 June 2025	Rocket body	12 June 2025
2025-104B	NZ-2025-032	Electron R/B	17 May 2025	Rocket body	26 June 2025

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

<i>International designator</i>	<i>National designator</i>	<i>Name</i>	<i>Date of the launch (UTC)</i>	<i>General function of the space object</i>	<i>Geostationary position (degrees East)</i>	<i>Date when space object was moved to a disposal orbit</i>	<i>Physical conditions when space object was moved to a disposal orbit (change in orbit, passivation and other measures recommended in space debris mitigation guidelines)</i>
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

International designator	National designator	Name	Date and time of the launch (New Zealand time)	Other launching States	Basic orbital parameters				Additional voluntary information			
					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 April to 30 June 2025

The following space objects are not registered by New Zealand.

International designator	National designator	Name	Date and time 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
2025-104A	NZ-2025-033	QPS-SAR-10 Wadatsumi-I	17 May 2025 at 0817 hours	Japan	96.16	42.01	581	568	Remote sensing	Institute for Q-shu Pioneers of Space	Electron	-
2025-118B	NZ-2025-036	GLOBAL-32	2 June 2025 at 2357 hours	United States	94	59	480	461	Remote sensing	BlackSky Global LLC	Electron	-
2025-125A	NZ-2025-039	QPS-SAR-11 Yamatsumi	11 June 2025 at 1531 hours	Japan	96.18	42.01	580	571	Remote sensing	Institute for Q-shu Pioneers of Space	Electron	-
2025-138C	NZ-2025-045	HAWK-12A	26 June 2025 at 1728 hours	United States	95.06	97.43	531	512	Remote sensing	HawkEye 360	Electron	-
2025-138B	NZ-2025-046	HAWK-12B	26 June 2025 at 1728 hours	United States	95.08	97.43	531	514	Remote sensing	HawkEye 360	Electron	-
2025-138A	NZ-2025-047	HAWK-12C	26 June 2025 at 1728 hours	United States	95.09	97.44	532	514	Remote sensing	HawkEye 360	Electron	-
2025-138D	NZ-2025-048	Kestrel-0A	26 June 2025 at 1728 hours	United States	95.03	97.44	530	510	Technology demonstrator	HawkEye 360	Electron	-

Note: Orbital parameters identified as at 3 July 2025 (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)
2021-023J	NZ-2021-012	M2-B	22 March 2021	Australia	Technology demonstrator	1 April 2025
2021-023C	NZ-2021-006	M2-A	22 March 2021	Australia	Technology demonstrator	4 April 2025
2022-034C	NZ-2022-010	Global-20	2 April 2022	United States	Remote sensing	4 April 2025
2021-023E	NZ-2021-008	Gunsmoke-J 3	22 March 2021	United States	Technology demonstrator	26 April 2025
2019-054C	NZ-2019-020	Pearl White 1	19 August 2019	United States	Technology demonstrator	7 May 2025

Note: Orbital parameters identified as at 3 July 2025 (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 (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
2025-061H	NZ-2025-023	LEMUR 2 LANGER2SPACE	26 March 2025 at 1530 hours	Germany	95.34	97.52	548	522	Remote sensing	Spire Global Germany GmbH	Electron	-
2025-061A	NZ-2025-024	LEMUR 2 UNTITLED-SC	26 March 2025 at 1530 hours	Germany	95.38	97.52	552	522	Remote sensing	Spire Global Germany GmbH	Electron	-
2025-061B	NZ-2025-025	LEMUR 2 ESPERANZA	26 March 2025 at 1530 hours	Germany	95.38	97.52	551	522	Remote sensing	Spire Global Germany GmbH	Electron	-
2025-061C	NZ-2025-026	LEMUR 2 KREMPEL-BRO2	26 March 2025 at 1530 hours	Germany	95.36	97.53	551	521	Remote sensing	Spire Global Germany GmbH	Electron	-
2025-061D	NZ-2025-027	LEMUR 2 THERMORAPTOR	26 March 2025 at 1530 hours	Germany	95.35	97.53	550	521	Remote sensing	Spire Global Germany GmbH	Electron	-
2025-061E	NZ-2025-028	LEMUR 2 NEUROSPICY	26 March 2025 at 1530 hours	Germany	95.35	97.52	549	522	Remote sensing	Spire Global Germany GmbH	Electron	-
2025-061F	NZ-2025-029	LEMUR 2 TILLINFINITY	26 March 2025 at 1530 hours	Germany	95.31	97.52	548	520	Remote sensing	Spire Global Germany GmbH	Electron	-
2025-061G	NZ-2025-030	LEMUR 2 KREMPEL-BRO1	26 March 2025 at 1530 hours	Germany	95.32	97.52	548	520	Remote sensing	Spire Global Germany GmbH	Electron	-