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

Note verbale dated 12 May 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 January to March 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 10 June 2025.

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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 January to 31 March 2025*,**

I. Objects registered by New Zealand

A. Objects launched by New Zealand during the period from 1 January to 31 March 2025

					Basic orbital parameters					*Additional voluntary information*		
International designator	*National designator*	*Name*	*Date and time of the launch (UTC)*	*Other launching States*	*Nodal period (minutes)*	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	*General function of the space object*	*Owner or operator*	*Launch vehicle*	*Website*
2025-028A	NZ-2025-006	Electron Kick Stage R/B	8 February 2025, 2043 hours	United States of America	96.87	97.95	638	579	Rocket body	Rocket Lab USA	Electron	www.rocketlabusa.com
2025-028F	NZ-2025-007	Electron R/B	8 February 2025, 2043 hours	United States	87.82	97.93	202	131	Rocket body	Rocket Lab USA	Electron	www.rocketlabusa.com
2025-033A	NZ-2025-009	Electron Kick Stage R/B	18 February 2025, 2317 hours	United States	93.75	59	467	449	Rocket body	Rocket Lab USA	Electron	www.rocketlabusa.com
2025-033C	NZ-2025-010	Electron R/B	18 February 2025, 2317 hours	United States	87.64	59	192	123	Rocket body	Rocket Lab USA	Electron	www.rocketlabusa.com
2025-050C	NZ-2025-012	Electron Kick Stage R/B	15 March 2025, 0000 hours	United States	96.13	42.02	577	569	Rocket body	Rocket Lab USA	Electron	www.rocketlabusa.com
2025-050B	NZ-2025-013	Electron R/B	15 March 2025, 0000 hours	United States	88.72	42	246	177	Rocket body	Rocket Lab USA	Electron	www.rocketlabusa.com
2025-056G	NZ-2025-019	Electron Kick Stage R/B	18 March 2025, 0131 hours	United States	96.94	97.97	643	582	Rocket body	Rocket Lab USA	Electron	www.rocketlabusa.com
2025-056F	NZ-2025-020	Electron R/B	18 March 2025, 0131 hours	United States	87.73	97.93	196	128	Rocket body	Rocket Lab USA	Electron	www.rocketlabusa.com
2025-061J	NZ-2025-021	Electron Kick Stage R/B	26 March 2025, 1530 hours	United States	94.76	97.52	540	474	Rocket body	Rocket Lab USA	Electron	www.rocketlabusa.com
2025-061K	NZ-2025-022	Electron R/B	26 March 2025, 1530 hours	United States	88.19	97.48	231	139	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 January to 31 March 2025

						Basic orbital parameters					Additional voluntary information		
International designator	*National designator*	*Name*	*Date and time of the launch (UTC)*	*State of registry*	*Other launching States*	*Nodal period (minutes)*	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	*General function of the space object*	*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)*
2019-054B	NZ-2019-019	Electron Kick Stage R/B	19 August 2019	Rocket body	12 February 2025
2020-060A	NZ-2020-011	RLFL14	31 August 2020	Payload	22 January 2025
2025-028F	NZ-2025-007	Electron R/B	8 February 2025	Rocket body	21 February 2025
2025-033C	NZ-2025-010	Electron R/B	18 February 2025	Rocket body	26 February 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

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

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

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

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

II. Objects launched from New Zealand during previous quarters

					Basic orbital parameters					*Additional voluntary information*		
International designator	*National designator*	*Name*	*Date and time of the launch (New Zealand time)*	*Other launching States*	*Nodal period (minutes)*	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	*General function of the space object*	*Payload 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 January to 31 March 2025

The following space objects are not registered by New Zealand.

					Basic orbital parameters					*Additional voluntary information*		
International designator	*National designator*	*Name*	*Date and time of the launch (UTC)*	*Other launching States*	*Nodal period (minutes)*	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	*General function of the space object*	*Payload owner or operator*	*Launch vehicle*	*Website*
2025-028G	NZ-2025-001	KINEIS-2B	8 February 2025, 2043 hours	France	97.54	97.95	643	638	Payload	Kinéis	Electron	-
2025-028E	NZ-2025-002	KINEIS-2A	8 February 2025, 2043 hours	France	97.65	97.98	650	642	Payload	Kinéis	Electron	-
2025-028D	NZ-2025-003	KINEIS-2E	8 February 2025, 2043 hours	France	97.61	97.95	646	643	Payload	Kinéis	Electron	-
2025-028C	NZ-2025-004	KINEIS-2D	8 February 2025, 2043 hours	France	97.7	97.99	652	646	Payload	Kinéis	Electron	-
2025-028B	NZ-2025-005	KINEIS-2C	8 February 2025, 2043 hours	France	97.74	97.99	651	650	Payload	Kinéis	Electron	-

					Basic orbital parameters					Additional voluntary information		
International designator	*National designator*	*Name*	*Date and time of the launch (UTC)*	*Other launching States*	*Nodal period (minutes)*	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	*General function of the space object*	*Payload owner or operator*	*Launch vehicle*	*Website*
2025-033B	NZ-2025-008	GLOBAL-31	18 February 2025, 2317 hours	United States	93.91	59	476	455	Payload	BlackSky Global LLC	Electron	-
2025-050A	NZ-2025-011	QPS-SAR-9	15 March 2025, 0000 hours	Japan	96.17	42.02	577	573	Payload	Institute for Q-shu Pioneers of Space	Electron	-
2025-056A	NZ-2025-014	KINEIS-4E	18 March 2025, 0131 hours	France	97.62	97.97	646	644	Payload	Kinéis	Electron	-
2025-056C	NZ-2025-015	KINEIS-4D	18 March 2025, 0131 hours	France	97.61	97.97	645	644	Payload	Kinéis	Electron	-
2025-056B	NZ-2025-016	KINEIS-4C	18 March 2025, 0131 hours	France	97.62	97.97	645	645	Payload	Kinéis	Electron	-
2025-056E	NZ-2025-017	KINEIS-4B	18 March 2025, 0131 hours	France	97.58	97.97	645	641	Payload	Kinéis	Electron	-
2025-056D	NZ-2025-018	KINEIS-4A	18 March 2025, 0131 hours	France	97.59	97.97	645	642	Payload	Kinéis	Electron	-

Note: Orbital parameters identified as at 17 April 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)*
2019-054D	NZ-2019-021	Pearl White 2	19 August 2019	United States	Payload	8 March 2025

Note: Orbital parameters identified as at 17 April 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

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