



Secretariat

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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 11 April 2019 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 November 2018 to March 2019 (see annex).



Annex

Information on space objects launched from New Zealand between November 2018 and March 2019*

I. Information on space objects registered by New Zealand

A. The following objects were launched by New Zealand between November 2018 and March 2019

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
2018-088B	NZ-2018-007	Electron Stage 2	11 November 2018, 0450 hrs	United States of America	91.27	85.03	464	210	Rocket body: booster	Rocket Lab US Inc.	Electron	www.rocketlabusa.com
2018-088C	NZ-2018-008	Electron Stage 3	11 November 2018, 0450 hrs	United States	94.77	85.03	518	497	Rocket body: apogee-kick stage	Rocket Lab US Inc.	Electron	www.rocketlabusa.com
-	NZ-2018-029	Electron Stage 3 ^a	16 December 2018, 0700 hrs	United States	-	-	-	-	Rocket body: apogee-kick stage	Rocket Lab US Inc.	Electron	www.rocketlabusa.com
2019-016C	NZ-2019-002	Electron Stage 2	28 March 2019, 1127 hrs	United States	90.82	39.52	429	200	Rocket body: booster	Rocket Lab US Inc.	Electron	www.rocketlabusa.com
2019-016B	NZ-2019-003	Electron Stage 3	28 March 2019, 1127 hrs	United States	93.09	39.51	436	415	Rocket body: apogee-kick stage	Rocket Lab US Inc.	Electron	www.rocketlabusa.com

^a Object launched but not yet identified.

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

B. Objects that are no longer in 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>Date of re-entry (UTC)</i>
2018-088B	NZ-2018-007	Electron Stage 2	11 November 2018, 0450 hrs	Rocket body: booster	29 December 2018
2018-104Q	NZ-2018-028	Electron Stage 2	16 December 2018, 0700 hrs	Rocket body: booster	30 January 2019
2018-010D	NZ-2018-002	Electron Stage 2	21 January 2018, 0143 hrs	Rocket body: booster	3 March 2019

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

<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>Date when space object is no longer functional (UTC)</i>
None.					

D. 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 is moved to a disposal orbit</i>	<i>Physical conditions when space object is moved to a disposal orbit (change in orbit, passivation and other measures recommended in space debris mitigation guidelines)</i>
None.							

E. Objects that are now registered by 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 new owner or operator</i>	<i>Identity of the previous owner or operator</i>	<i>Previous orbital position</i>	<i>New orbital position</i>	<i>Change of function of the space object</i>
None.								

F. Objects that are no longer registered by 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 new owner or operator</i>	<i>Identity of the previous 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. Revisions to previously reported information

No revisions.