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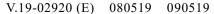
Committee on the Peaceful Uses of Outer Space

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).







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

						Basic orbital	parameters			Additi	ional volunta	ry information
International designator	National designator	Name	Date 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
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.
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.
-	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.
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.
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.

^a Object launched but not yet identified.

 $^{^{\}ast}$ The data are reproduced in the form in which they were received.

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B. Objects that are 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)
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

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

D. 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 is moved to a disposal orbit	Physical conditions when space object is moved to a disposal orbit (change in orbit, passivation and other measures recommended in space debris mitigation guidelines)
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E. Objects that are now registered by New Zealand

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

F. Objects that are no longer registered by New Zealand

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

II. Revisions to previously reported information

No revisions.