



Secretariat

Distr.: General
22 November 2018

Original: English

**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 20 November 2018 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 in January 2018 (see annex).



Annex

Information on space objects launched from New Zealand in January 2018*

I. Information on space objects registered by New Zealand

A. Objects that were launched by New Zealand in January 2018

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
2018-010F	NZ-2018-001	Humanity Star	21 January 2018, 0143 hrs	United States of America	91.65	82.91	435	276	Science/Art	Rocket Lab NZ Ltd.	Electron	www.thehumanitystar.com
2018-010D	NZ-2018-002	Electron Stage 2	21 January 2018, 0143 hrs	United States	92.60	82.92	515	289	Rocket body	Rocket Lab USA Inc.	-	www.rocketlabusa.com
2018-010B	NZ-2018-003	Electron Stage 3	21 January 2018, 0143 hrs	United States	94.87	82.92	534	490	Rocket body	Rocket Lab USA Inc.	-	www.rocketlabusa.com

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)
2018-010F	NZ-2018-001	Humanity Star	21 January 2018, 0143 hrs	Science/Art	22 March 2018

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.					

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

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>
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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>
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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>
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None.

II. Revisions to previously reported information

No revisions.