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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 15 August 2017 from the Permanent Mission of Canada to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of Canada 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 launch information and technical data concerning Canadian space objects (see annex).

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Annex

Registration data on space objects launched by Canada*

Nimiq-5

Committee on Space Research international designator	2009-050A
Name of space object	Nimiq-5
State of registry	Canada
Other launching States	Russian Federation Kazakhstan
Date of launch	17 September 2009
Territory or location of launch	Baikonur Cosmodrome, Tyuratam, Kazakhstan
Launch vehicle	Proton-M rocket
Basic orbital parameters	
Nodal period	Geostationary Earth orbit
Inclination	0 degrees
Apogee	35,807.4 kilometres
Perigee	35,781.4 kilometres
Longitude	72.7 degrees West
General function of space object	Telecommunications
Operating entity	Telesat Canada

Nimiq-6

Committee on Space Research international designator	2012-026A
Name of space object	Nimiq-6
State of registry	Canada
Other launching States	Russian Federation Kazakhstan
Date of launch	17 May 2012
Territory or location of launch	Baikonur Cosmodrome, Tyuratam, Kazakhstan
Launch vehicle	Proton-M rocket
Basic orbital parameters	
Nodal period	Geostationary Earth orbit
Inclination	0 degrees
Apogee	35,806.2 kilometres
Perigee	35,782.2 kilometres

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

Longitude	91.1 degrees West
General function of space object	Telecommunications
Operating entity	Telesat Canada

Anik G1

Committee on Space Research international designator	2013-014A
Name of space object	Anik G1
State of registry	Canada
Other launching States	Russian Federation Kazakhstan
Date of launch	15 April 2013
Territory or location of launch	Baikonur Cosmodrome, Tyuratam, Kazakhstan
Launch vehicle	Proton-M rocket with Breeze-M booster
Basic orbital parameters	
Nodal period	Geostationary Earth orbit
Inclination	0 degrees
Apogee	35,807.5 kilometres
Perigee	35,779.8 kilometres
Longitude	107.3 degrees West
General function of space object	Telecommunications
Operating entity	Telesat Canada

M3MSat Mass Mock-up

Committee on Space Research international designator	2014-037E
Name of space object	M3MSat Mass Mock-up/DummySat
State of registry	Canada
North American Aerospace Defense Command (NORAD) catalogue number	40073
Other launching States	Russian Federation Kazakhstan
Date of launch	8 July 2014
Territory or location of launch	Baikonur Cosmodrome, Tyuratam, Kazakhstan
Launch vehicle	Soyuz-2.1b rocket with Fregat booster
Basic orbital parameters	
Nodal period	97.26 minutes
Inclination	98.33 degrees

Apogee	632 kilometres
Perigee	624 kilometres
General function of space object	Mass dummy representing M3MSat's launch weight to maintain planned launch parameters