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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 8 April 2008 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) presents its compliments to the Secretary-General of the United Nations and, 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 Anik F1R (international designator: 2005-036A), Anik F3 (international designator: 2007-061A) (see annex).

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Annex

Registration data for Canadian space objects*

1. Anik F1R

Names of launching States: Canada

Kazakhstan

Anik F1R (2005-036A) Designator:

Date and territory or location

8 September 2005 of launch: Baikonur Cosmodrome, Kazakhstan

Launch vehicle: Proton M/Breeze M

Orbital parameters:

Nodal period: Geostationary Earth orbit Inclination: Zero \pm 0.05 degrees

Apogee: 20 kilometres above synchronous orbit 20 kilometres below synchronous orbit Perigee:

Longitude: 107.3 degrees West

Frequencies and transmitter 3.7-4.2 GHz: 40 W 11.7-12.2 GHz: 120 W power:

1575.42-1176.45 MHz: 40 W

Purpose: Telecommunications and radio-navigation

satellite services

Operating entity: Telesat Canada

Anik F3

Names of launching States: Canada

Kazakhstan

Designator: Anik F3 (2007-009A)

Date and territory or location

9 April 2007

of launch:

Baikonur Cosmodrome, Kazakhstan

Launch vehicle: Proton M/Breeze M

Orbital parameters:

Nodal period: Geostationary Earth orbit Inclination: Zero \pm 0.05 degrees

Apogee: 20 kilometres above synchronous orbit 20 kilometres below synchronous orbit Perigee:

Longitude: 118.7 degrees West

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

Frequencies and transmitter

power:

3.7-4.2 GHz: 35 W 11.7-12.2 GHz: 130 W

19.7-20.2 GHz: 110 W

Purpose: Telecommunications and direct-to-home services

Operating entity: Telesat Canada

3. RADARSAT-2

Names of launching States: Canada

Kazakhstan

Designator: RADARSAT-2 (2007-061A)

Date and territory or location 14 December 2007

of launch: Baikonur Cosmodrome, Kazakhstan

Launch vehicle: Starstem Soyuz

Orbital parameters:

Nodal period: 100.76 minutes
Inclination: 98.82 degrees
Apogee: 811.1 kilometres
Perigee: 809.4 kilometres

Purpose: Earth observation using C-band synthetic

aperture radar

Operating entity: MDA Geospatial Services Inc.