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# Committee on the Peaceful Uses of Outer Space

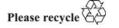
# Information furnished in conformity with the Convention on Registration of Objects Launched into Outer Space

Note verbale dated 30 September 2015 from the Permanent Mission of the United Kingdom of Great Britain and Northern Ireland to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of the United Kingdom of Great Britain and Northern Ireland 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 on space objects DMC 3-FM1, DMC 3-FM2, DMC 3-FM3, Carbonite 1 (CBNT-1) and Inmarsat-5 F3 (see annex I) and additional information on a previously registered space object, Skynet 5A (see annex II).

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#### Annex I

# Registration data on space objects launched by the United Kingdom of Great Britain and Northern Ireland\*

#### **DMC 3-FM1**

## Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Committee on Space Research

2015-032A

international designator:

Name of space object: DMC 3-FM1

State of registry: United Kingdom of Great Britain and

Northern Ireland

National designator/registration number

used by the State of registry:

40715

Date and territory or location of launch: 10 July 2015 at 1628 hours 0 seconds UTC

Sriharikota, India

Basic orbital parameters

Nodal period: 97.7 minutes
Inclination: 98 degrees

Apogee: 671.4 kilometres
Perigee: 644.1 kilometres

General function of space object: High-resolution Earth observation satellite

### Additional voluntary information for use in the Register of Objects Launched into Outer Space

Space object owner: DMC International Imaging Ltd.
Space object operator: Surrey Satellite Technology Ltd.

Launch vehicle: PSLV-XL

#### **DMC 3-FM2**

# Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Committee on Space Research

2015-032B

international designator:

Name of space object: DMC 3-FM2

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<sup>\*</sup> The information was submitted using the form prepared pursuant to General Assembly resolution 62/101 and has been reformatted by the Secretariat.

State of registry: United Kingdom

National designator/registration number

used by the State of registry:

40716

Date and territory or location of launch: 10 July 2015 at 1628 hours 0 seconds UTC

Sriharikota, India

Basic orbital parameters

Nodal period: 97.7 minutes
Inclination: 98 degrees

Apogee: 677.1 kilometres
Perigee: 641.2 kilometres

General function of space object: High-resolution Earth observation satellite

### Additional voluntary information for use in the Register of Objects Launched into Outer Space

Space object owner: DMC International Imaging Ltd.
Space object operator: Surrey Satellite Technology Ltd.

Launch vehicle: PSLV-XL

#### **DMC 3-FM3**

## Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Committee on Space Research

international designator:

2015-032C

Name of space object: DMC 3-FM3
State of registry: United Kingdom

National designator/registration number

used by the State of registry:

40717

Date and territory or location of launch: 10 July 2015 at 1628 hours 0 seconds UTC

Sriharikota, India

Basic orbital parameters

Nodal period: 97.7 minutes
Inclination: 98 degrees

Apogee: 670.6 kilometres
Perigee: 642.1 kilometres

General function of space object: High-resolution Earth observation satellite

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### Additional voluntary information for use in the Register of Objects Launched into Outer Space

Space object owner: DMC International Imaging Ltd.
Space object operator: Surrey Satellite Technology Ltd.

Launch vehicle: PSLV-XL

### Carbonite 1 (CBNT-1)

## Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Committee on Space Research

2015-032D

international designator:

Name of space object: Carbonite 1 (CBNT-1)
State of registry: United Kingdom

National designator/registration number

40718

used by the State of registry:

Date and territory or location of launch: 10 July 2015 at 1628 hours 0 seconds UTC

Sriharikota, India

Basic orbital parameters

Nodal period: 97.7 minutes
Inclination: 98 degrees

Apogee: 667.3 kilometres
Perigee: 642.1 kilometres

General function of space object: Technology demonstrator

### Additional voluntary information for use in the Register of Objects Launched into Outer Space

Space object owner or operator: Surrey Satellite Technology Ltd.

Launch vehicle: PSLV-XL

### **Inmarsat-5 F3**

### Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Committee on Space Research

2015-042A

international designator:

Name of space object: Inmarsat-5 F3
State of registry: United Kingdom

Date and territory or location of launch: 28 August 2015 at 1144 hours 0 seconds UTC

Baikonur Cosmodrome, Kazakhstan

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Basic orbital parameters

Nodal period: 1,436 minutes
Inclination:  $0\pm0.05$  degrees
Apogee: 35,786.1 kilometres
Perigee: 35,785.9 kilometres

General function of space object: Communications satellite

# Additional voluntary information for use in the Register of Objects Launched into Outer Space

Geostationary position: 179.6 degrees East
Space object owner or operator: Inmarsat Global Ltd.
Launch vehicle: Proton Breeze M

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#### Annex II

# Additional information on a space object launched by the United Kingdom of Great Britain and Northern Ireland\*

### **Skynet 5A**

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Committee on Space Research

2007-007B

international designator:

Name of space object: Skynet 5A

State of registry: United Kingdom of Great Britain and

Northern Ireland

Registration document: ST/SG/SER.E/519

Other launching States: France

Date and territory or location of launch: 11 March 2007 UTC

Guiana Space Centre, Kourou,

French Guiana

Basic orbital parameters

Nodal period: 1,435.92 minutes
Inclination: 0.082 degrees

Apogee: 35,800.061 kilometres
Perigee: 35,770.32 kilometres
General function of space object: Military communications

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Geostationary position: 95.2 degrees East

Change of supervision of the space object

Date of change in supervision: 1 January 2015 UTC

Identity of the new owner or

Airbus Defence and Space Ltd.

operator:

Change of orbital position

Previous orbital position: 6 degrees East
New orbital position: 95.2 degrees East

Space object owner or operator: Airbus Defence and Space Ltd.

Launch vehicle: Ariane 5

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<sup>\*</sup> The information was submitted using the form prepared pursuant to General Assembly resolution 62/101 and has been reformatted by the Secretariat.