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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 March 2016 from the Permanent Mission of Japan to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of Japan 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, including changes of status, on space objects launched by Japan (see annex).

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Annex

Registration data, including changes of status, on space objects launched by Japan*

Hayabusa2

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

Committee on Space Research international designator:	2014-076A
Name:	Hayabusa2
National designator:	2014-076A
State of registry:	Japan
Date and territory or location of launch:	3 December 2014 at 0422 hours 24 seconds UTC Tanegashima Space Center, Kagoshima, Japan
Basic orbital parameters (as at 3 December 2014)	
Nodal period:	525,960 minutes
Inclination:	22.1 degrees
Apogee:	163,376,100 kilometres
Perigee:	137,100,000 kilometres
General function of space object:	Sample return from a C-type asteroid known as “Ryugu” to study the origin and evolution of the solar system, as well as materials for life

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

Website:	http://global.jaxa.jp/projects/sat/hayabusa2/
Space object owner or operator:	Japan Aerospace Exploration Agency
Launch vehicle:	H-IIA Launch Vehicle Flight No. 26 (H-IIA-F26)
Celestial body being orbited:	Asteroid “Ryugu”
Other information:	Launching organizations are Mitsubishi Heavy Industries, Ltd., and the Japan Aerospace Exploration Agency

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

H-II Transfer Vehicle “Kounotori5” (HTV5)

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

Committee on Space Research international designator:	2015-038A
Name:	H-II Transfer Vehicle “Kounotori5” (HTV5)
National designator:	2015-038A
State of registry:	Japan
Date and territory or location of launch:	19 August 2015 at 1150 hours 49 seconds UTC Tanegashima Space Center, Kagoshima, Japan
Basic orbital parameters (as at 25 August 2015)	
Nodal period:	92.6 minutes
Inclination:	51.7 degrees
Apogee:	406.5 kilometres
Perigee:	392.9 kilometres
General function of space object:	HTV5 is an unmanned re-supply vehicle used to transport various types of cargo, including research materials, replacement equipment and daily commodities to the International Space Station
Date of decay/re-entry/deorbit:	30 September 2015

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

Space object owner or operator:	Japan Aerospace Exploration Agency
Launch vehicle:	H-IIB Launch Vehicle Flight No. 5 (H-IIB-F5)
Other information:	After delivering cargo to the International Space Station, HTV5 unberthed from the Station and made a controlled re-entry into the atmosphere. Launching organizations are Mitsubishi Heavy Industries, Ltd., and the Japan Aerospace Exploration Agency

2015-004A

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

Committee on Space Research international designator:	2015-004A
National designator:	2015-004A
State of registry:	Japan
Date and territory or location of launch:	1 February 2015 UTC Tanegashima Space Center, Kagoshima, Japan
Basic orbital parameters	
Nodal period:	94 minutes
Inclination:	97.5 degrees
Apogee:	514 kilometres
Perigee:	494 kilometres
General function of space object:	Satellite conducting missions assigned by the Government of Japan

2015-015A

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

Committee on Space Research international designator:	2015-015A
National designator:	2015-015A
State of registry:	Japan
Date and territory or location of launch:	26 March 2015 UTC Tanegashima Space Center, Kagoshima, Japan
Basic orbital parameters	
Nodal period:	94 minutes
Inclination:	97.3 degrees
Apogee:	498 kilometres
Perigee:	483 kilometres
General function of space object:	Satellite conducting missions assigned by the Government of Japan

EXOS-D (Akebono)

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

Committee on Space Research international designator:	1989-016A
Name:	EXOS-D (Akebono)
National designator:	1989-016A
State of registry:	Japan
Registration document:	ST/SG/SER.E/201
Date and territory or location of launch:	21 February 1989 at 2330 hours UTC Kagoshima Space Center, Kagoshima, Japan
Basic orbital parameters (as at 22 February 1989)	
Nodal period:	211.8 minutes
Inclination:	75.1 degrees
Apogee:	10,507.5 kilometres
Perigee:	273.9 kilometres
General function of space object:	High-precision observation of the behaviour and acceleration mechanism of aurora particles in the Earth's magnetosphere

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

Date when space object was no longer functional:	23 April 2015 at 0659 hours UTC
Website:	www.isas.jaxa.jp/e/enterp/missions/akebono/
Space object owner or operator:	Japan Aerospace Exploration Agency (formerly the Institute of Space and Astronautical Science)
Launch vehicle:	Mu-3SII-4

First Art Satellite "ARTSAT1: INVADER"

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

Committee on Space Research international designator:	2014-009F
Name:	First Art Satellite "ARTSAT1: INVADER"
National designator:	2014-009F
State of registry:	Japan

Registration document:	ST/SG/SER.E/735
Date and territory or location of launch:	27 February 2014 at 1837 hours 0 seconds UTC Tanegashima Space Center, Kagoshima, Japan
Basic orbital parameters (as at 7 March 2014)	
Nodal period:	92.1 minutes
Inclination:	65.0 degrees
Apogee:	392.0 kilometres
Perigee:	364.1 kilometres
General function of space object:	The Interactive satellite for Art and Design Experimental Research (INVADER) one-unit cubesat is an art project of the Tama Art University. It is the first mission of the "ARTSAT: Art and Satellite Project". The satellite will contribute to the amateur radio community from the viewpoint of the field of art. The satellite features some sensors that provide data for use in artworks.
Date of decay/re-entry/deorbit:	2 September 2014

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

Space object owner or operator:	Japan Aerospace Exploration Agency
Launch vehicle:	H-IIA Launch Vehicle Flight No. 23 (H-IIA-F23)
Other information:	Launching organizations are Mitsubishi Heavy Industries, Ltd., and the Japan Aerospace Exploration Agency

2003-009A

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

Committee on Space Research international designator:	2003-009A
National designator:	2003-009A
State of registry:	Japan
Registration document:	ST/SG/SER.E/552
Date and territory or location of launch:	28 March 2003 UTC Tanegashima Space Center, Kagoshima, Japan

Basic orbital parameters	
Nodal period:	94 minutes
Inclination:	97.3 degrees
Apogee:	502 kilometres
Perigee:	486 kilometres
General function of space object:	Satellite conducting missions assigned by the Government of Japan
Date of decay/re-entry/deorbit:	18 July 2014

2007-005A

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

Committee on Space Research international designator:	2007-005A
National designator:	2007-005A
State of registry:	Japan
Registration document:	ST/SG/SER.E/552
Date and territory or location of launch:	24 February 2007 UTC Tanegashima Space Center, Kagoshima, Japan
Basic orbital parameters	
Nodal period:	94 minutes
Inclination:	97.3 degrees
Apogee:	502 kilometres
Perigee:	485 kilometres
General function of space object:	Satellite conducting missions assigned by the Government of Japan
Date of decay/re-entry/deorbit:	13 April 2014

2007-005B

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

Committee on Space Research international designator:	2007-005B
National designator:	2007-005B
State of registry:	Japan

Registration document:	ST/SG/SER.E/552
Date and territory or location of launch:	24 February 2007 UTC Tanegashima Space Center, Kagoshima, Japan
Basic orbital parameters	
Nodal period:	94 minutes
Inclination:	97.3 degrees
Apogee:	506 kilometres
Perigee:	479 kilometres
General function of space object:	Satellite conducting missions assigned by the Government of Japan
Date of decay/re-entry/deorbit:	11 December 2013