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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 7 July 2010 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) 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 information on space objects launched by Japan in 2009 (annex I) and additional information, including changes of status, on previously registered space objects (annex II).

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Annex I

Registration data on space objects launched by Japan*

SPRITE-SAT “RISING”

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

Committee on Space Research international designator:	2009-002C
Name of space object:	1st Tohoku University Spacecraft SPRITE-SAT “RISING”
National designator:	2009-002C
State of registry:	Japan
Date and territory or location of launch	
Date of launch:	23 January 2009 3 hr 54 min UTC
Territory or location of launch:	Tanegashima Space Center, Kagoshima, Japan
Basic orbital parameters	
Nodal period:	98.1 minutes
Inclination:	98.0 degrees
Apogee:	675.3 kilometres
Perigee:	662.1 kilometres
General function of space object:	Observations of transient luminous event called “sprites” and terrestrial gamma-ray flashes

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

Launch vehicle:	H-IIA Launch Vehicle F15 (H-IIA F15)

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

Kouku-Kousen-Satellite (KKS-1) “KISEKI”

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

Committee on Space Research international designator:	2009-002H
Name of space object:	Kouku-Kousen-Satellite (KKS-1) “KISEKI”
National designator:	2009-002H
State of registry:	Japan
Date and territory or location of launch	
Date of launch:	23 January 2009 3 hr 54 min UTC
Territory or location of launch:	Tanegashima Space Center, Kagoshima, Japan
Basic orbital parameters	
Nodal period:	90.0 minutes
Inclination:	98.0 degrees
Apogee:	636.4 kilometres
Perigee:	636.4 kilometres
General function of space object:	Micro-thruster experiment and attitude control experiment

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

Launch vehicle:	H-IIA Launch Vehicle F15 (H-IIA F15)

KAGAYAKI

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

Committee on Space Research international designator:	2009-002D
Name of space object:	KAGAYAKI
National designator:	2009-002D
State of registry:	Japan
Date and territory or location of launch	
Date of launch:	23 January 2009 3 hr 54 min UTC

Territory or location of launch:	Tanegashima Space Center, Kagoshima, Japan
Basic orbital parameters	
Nodal period:	98 minutes
Inclination:	98.0 degrees
Apogee:	666.2 kilometres
Perigee:	655.0 kilometres
General function of space object:	The mission of “KAGAYAKI” is to connect the dreams of children who have incurable diseases or disabilities and their families to space

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

Launch vehicle:	H-IIA Launch Vehicle F15 (H-IIA F15)

JCSAT-12

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

Committee on Space Research international designator:	2009-044A
Name of space object:	JCSAT-12
National designator:	2009-044A
State of registry:	Japan
Date and territory or location of launch	
Date of launch:	21 August 2009 22 hr 9 min UTC
Territory or location of launch:	Kourou, French Guiana
Basic orbital parameters	
Nodal period:	1,436 minutes
Inclination:	0.054 degrees
Apogee:	35,792 kilometres
Perigee:	35,780 kilometres
General function of space object:	Satellite telecommunications and broadcasting

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

Launch vehicle:	Ariane 5 ECA

H-II Transfer Vehicle (HTV) 1

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

Committee on Space Research international designator:	2009-048A
Name of space object:	H-II Transfer Vehicle (HTV) 1
National designator:	2009-048A
State of registry:	Japan
Date and territory or location of launch	
Date of launch:	10 September 2009 18 hr 1 min UTC
Territory or location of launch:	Tanegashima Space Center, Kagoshima, Japan
Basic orbital parameters	
Nodal period:	91 minutes
Inclination:	51.6 degrees
Apogee:	353.3 kilometres
Perigee:	340.7 kilometres
General function of space object:	An unmanned resupply vehicle to transport various forms of cargo, including research materials, replacement equipment and daily commodities to the International Space Station
Date of decay/re-entry/de-orbit:	2 November 2009

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

Launch vehicle:	H-IIB Launch Vehicle Test Flight (H-IIB TF1)

2009-066A

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

Committee on Space Research international designator:	2009-066A
Name of space object:	2009-066A
National designator:	2009-066A
State of registry:	Japan
Date and territory or location of launch	
Date of launch:	28 November 2009 UTC
Territory or location of launch:	Tanegashima Space Center, Kagoshima, Japan
Basic orbital parameters	
Nodal period:	96 minutes
Inclination:	97.7 degrees
Apogee:	601 kilometres
Perigee:	587 kilometres
General function of space object:	Satellite conducting missions assigned by the Government of Japan

Annex II

Additional information, including changes of status, on space objects previously registered by Japan*

VRAD satellite, VSTAR “OUNA”

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

Committee on Space Research international designator:	2007-039C
Name of space object:	VRAD satellite, VSTAR “OUNA”
National designator:	2007-039C
State of registry:	Japan
Registration document symbol:	ST/SG/SER.E/539
Date and territory or location of launch	
Date of launch:	14 September 2007 1 hr 31 min UTC
Territory or location of launch:	Tanegashima Space Center, Kagoshima, Japan
Basic orbital parameters (lunar orbit)	
Nodal period:	154 minutes
Inclination:	90.193 degrees
Apogee:	828.66 kilometres
Perigee:	92.58 kilometres
General function of space object:	Global observation of the Moon to provide scientific data for research on its origin and evolution
Date of decay/re-entry/de-orbit:	10 June 2009

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

Launch vehicle:	H-IIA Launch Vehicle F13 (H-IIA F13)
Celestial body space orbit is orbiting:	The Moon

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Relay satellite, RSTAR “OKINA”

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

Committee on Space Research international designator:	2007-039B
Name of space object:	Relay satellite, RSTAR “OKINA”
National designator:	2007-039B
State of registry:	Japan
Registration document symbol:	ST/SG/SER.E/539
Date and territory or location of launch	
Date of launch:	14 September 2007 1 hr 31 min UTC
Territory or location of launch:	Tanegashima Space Center, Kagoshima, Japan
Basic orbital parameters	
Nodal period:	7,103 minutes
Inclination:	29.989 degrees
Apogee:	238,287.66 kilometres
Perigee:	6,660.17 kilometres
General function of space object:	Global observation of the Moon to provide scientific data for research on its origin and evolution
Date of decay/re-entry/de-orbit:	2 December 2009

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

Launch vehicle:	H-IIA Launch Vehicle F13 (H-IIA F13)

Selenological Engineering Explorer, SELENE “KAGUYA”

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

Committee on Space Research international designator:	2007-039A
Name of space object:	Selenological Engineering Explorer, SELENE “KAGUYA”
National designator:	2007-039A
State of registry:	Japan

Registration document symbol:	ST/SG/SER.E/533
Date and territory or location of launch	
Date of launch:	14 September 2007 1 hr 31 min UTC
Territory or location of launch:	Tanegashima Space Center, Kagoshima, Japan
Basic orbital parameters	
Nodal period:	7,103 minutes
Inclination:	29.989 degrees
Apogee:	238,287.66 kilometres
Perigee:	6,660.17 kilometres
General function of space object:	Global observation of the Moon to provide scientific data for research on its origin and evolution
Date of decay/re-entry/de-orbit:	6 November 2009

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

Launch vehicle:	H-IIA Launch Vehicle F13 (H-IIA F13)

Pico-Satellite “Cute-1.7 + APD” of the Tokyo Institute of Technology

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

Committee on Space Research international designator:	2006-005C
Name of space object:	Pico-Satellite “Cute-1.7 + APD” of the Tokyo Institute of Technology
National designator:	2006-005C
State of registry:	Japan
Registration document symbol:	ST/SG/SER.E/510
Date and territory or location of launch	
Date of launch:	21 February 2006 21 hr 28 min UTC
Territory or location of launch:	Uchinoura Space Center, Kagoshima, Japan
Basic orbital parameters	
Nodal period:	94.57 minutes

Inclination:	98.18 degrees
Apogee:	696 kilometres
Perigee:	300 kilometres
General function of space object:	Verifying pico-satellite bus and amateur radio frequency transmission experiment
Date of decay/re-entry/de-orbit:	25 October 2009

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

Launch vehicle:	M-V Launch Vehicle F8 (M-V-8)