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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 1 February 2011 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 KSAT (international designator 2010-020A) and Waseda-Sat2 (international designator 2010-020B) (see annex I) and additional information, including changes of status, on previously registered space objects OICETS (international designator 2005-031A) and SDS-1 (international designator 2009-002F) (see annex II).



Annex I

Registration data on space objects launched by Japan*

Hayato (KSAT)

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

Committee on Space Research international designator:	2010-020A
Name of space object:	Hayato (KSAT)
National designator:	2010-020A
State of registry:	Japan
Date and territory or location of launch	
Date of launch:	20 May 2010 21 hr 58 min 22 sec UTC
Territory or location of launch:	Tanegashima Space Centre, Kagoshima, Japan
Basic orbital parameters	
Nodal period:	90.5 minutes
Inclination:	30.0 degrees
Apogee:	299.6 kilometres
Perigee:	299.1 kilometres
General function of space object:	1. Observation of atmospheric water vapour using newly developed methods for the forecasting of heavy downpours. 2. Earth observations via a Ku-band high-speed downlink.
Date of decay/re-entry/de-orbit:	14 July 2010

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

Date when space object is no longer functional:	14 July 2010
Space object owner or operator:	Kagoshima Satellite Development Committee (non-profit organization)
Launch vehicle:	H-IIA Launch Vehicle Flight No. 17H2A

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

Other information: Launching organizations are Mitsubishi Heavy Industries, Ltd. and Japan Aerospace Exploration Agency.

Website: <http://kasat.jp>

Waseda-Sat2

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

Committee on Space Research international designator: 2010-020B

Name of space object: Waseda-Sat2

National designator: 2010-020B

State of registry: Japan

Date and territory or location of launch

 Date of launch: 20 May 2010 21 hr 58 min 22 sec UTC

 Territory or location of launch: Tanegashima Space Centre, Kagoshima, Japan

Basic orbital parameters

 Nodal period: 90.5 minutes

 Inclination: 30.0 degrees

 Apogee: 297.5 kilometres

 Perigee: 297.5 kilometres

General function of space object: Display and picture-taking of QR codes

Date of decay/re-entry/de-orbit: 12 July 2010

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

Date when space object is no longer functional: 12 July 2010

Space object owner or operator: Waseda University

Launch vehicle: H-IIA Launch Vehicle Flight No. 17H2A

Other information: Launching organizations are Mitsubishi Heavy Industries, Ltd. and Japan Aerospace Exploration Agency.

Website: www.miyashita.mmech.waseda.ac.jp/Waseda-Sat2/index.htm

Annex II

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

Optical Inter-orbit Communications Engineering Test Satellite (OICETS) “Kirari”

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

Committee on Space Research international designator:	2005-031A
Name of space object:	Optical Inter-orbit Communications Engineering Test Satellite (OICETS) “Kirari”
National designator:	2005-031A
State of registry:	Japan
Other launching States:	Kazakhstan
Registration document symbol:	ST/SG/SER.E/486
Date and territory or location of launch	
Date of launch:	23 August 2005 21 hr 10 min UTC
Territory or location of launch:	Baikonur Space Centre, Kazakhstan
Basic orbital parameters	
Nodal period:	96 minutes
Inclination:	98.0 degrees
Apogee:	609 kilometres
Perigee:	568 kilometres
General function of space object:	Verification of communications technology

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

Date when space object is no longer functional:	24 September 2009 5 hr 48 min 7 sec UTC
Space object owner or operator:	Japan Aerospace Exploration Agency (JAXA)
Launch vehicle:	Dnepr Launch Vehicle
Other information:	Basic orbital parameters are as at 21 September 2009.

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

Small Demonstration Satellite 1 (SDS-1)

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

Committee on Space Research international designator:	2009-002F
Name of space object:	Small Demonstration Satellite 1 (SDS-1)
National designator:	2009-002F
State of registry:	Japan
Registration document symbol:	ST/SG/SER.E/574
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 Centre, Kagoshima, Japan
Basic orbital parameters	
Nodal period:	98.1 minutes
Inclination:	98.1 degrees
Apogee:	677.3 kilometres
Perigee:	659.0 kilometres
General function of space object:	Demonstration of new technology devices and components such as the Multi-Mode Integrated Transponder (MTP), the Space Wire Demonstration Module (SWIM) and the Advanced Micro-processing In-Orbit Experiment equipment (AMI) to improve the reliability of operational satellites.

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

Date when space object is no longer functional:	8 September 2010 2 hr 22 min 28 sec UTC
Space object owner or operator:	Japan Aerospace Exploration Agency (JAXA)
Launch vehicle:	H-IIA Launch Vehicle F 15 (H-IIA-F15)
Other information:	Basic orbital parameters are as at 8 September 2010.