



Secretariat

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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 27 June 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 object LDREX-2 (international designator 2006-043C) (see annex I) and additional information, including changes of status, on the previously registered space object Kounotori-2 (international designator 2011-003A) (see annex II).



Annex I

Registration data on a space object launched by Japan*

Large Deployable Reflector Experiment 2 (LDREX-2)

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

Committee on Space Research international designator:	2006-043C
Name of space object:	Large Deployable Reflector Experiment 2 (LDREX-2)
National designator:	2006-043C
State of registry:	Japan
Other launching States:	France
Date and territory or location of launch	
Date of launch:	13 October 2006, 2056 hours UTC
Territory or location of launch:	Guiana Space Center, French Guiana
Basic orbital parameters	
Nodal period:	629.6 minutes
Inclination:	7.0 degrees
Apogee:	35,648 kilometres
Perigee:	264 kilometres
General function of space object:	Its mission is to conduct an experiment, which is to deploy the reflector in space for validating a small-scale and partial model of the Large Deployable Reflector (LDR) of Engineering Test Satellite VIII (ETS-VIII).
Date of decay/re-entry/de-orbit:	30 September 2010

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:	Ariane 5 ECA
Other information:	Basic orbital parameters are as at 14 October 2006. The launching organization is Arianespace.

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

Annex II

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

H-II Transfer Vehicle “Kounotori-2” (HTV2)

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

Committee on Space Research international designator:	2011-003A
Name of space object:	H-II Transfer Vehicle “Kounotori-2” (HTV2)
National designator:	2011-003A
State of registry:	Japan
Registration document symbol:	ST/SG/SER.E/620
Date and territory or location of launch	
Date of launch:	22 January 2011, 0537 hours 57 seconds UTC
Territory or location of launch:	Tanegashima Space Center, Kagoshima, Japan
Basic orbital parameters	
Nodal period:	91 minutes
Inclination:	51.6 degrees
Apogee:	356.1 kilometres
Perigee:	347.8 kilometres
General function of space object:	HTV2 is an unmanned re-supply vehicle used to transport various cargo, including research materials, equipment for replacement and daily commodities, to the International Space Station.
Date of decay/re-entry/de-orbit:	30 March 2011

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

Space object owner or operator:	Japan Aerospace Exploration Agency
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* The information was submitted using the form prepared pursuant to General Assembly resolution 62/101 and has been reformatted by the Secretariat.

Launch vehicle:	H-IIB Launch Vehicle Flight No. 2 (H-IIB-2F)
Other information:	Basic orbital parameters are as at 28 January 2011. After delivering its cargo to the International Space Station, HTV2 was unberthed from the International Space Station and made controlled re-entry into the atmosphere. The launching organization is Japan Aerospace Exploration Agency.
