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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 8 January 2015 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 on space objects launched by Japan (see annex).

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Annex

Registration data on space objects launched by Japan*

UNIFORM-1

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

Committee on Space Research international designator:	2014-029B
Name:	University International Formation Mission (UNIFORM-1)
National designator:	2014-029B
State of registry:	Japan
Date and territory or location of launch	
Date of launch:	24 May 2014 at 0305 hours 14 seconds UTC
Territory or location of launch:	Tanegashima Space Center, Kagoshima, Japan
Basic orbital parameters	
Nodal period:	97 minutes
Inclination:	97.9 degrees
Apogee:	644 kilometres
Perigee:	616 kilometres
General function of space object:	1. Earth imaging using a charge-coupled device (CCD) camera 2. Earth imaging by infrared thermography 3. Forest fire detection using a CCD camera and infrared thermography 4. Experimental demonstration of the equipment of the microsatellite in space flight 5. Reception of the signals of the microsatellite by the joint research organizations 6. High-speed data communication by the Ku-band communication system

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

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

Space object owner or operator:	Wakayama University
Launch vehicle:	H-IIA launch vehicle flight No. 24 (H-IIA-24F)
Other information:	Basic orbital parameters are as at 25 May 2014.
	Launching organizations are Mitsubishi Heavy Industries, Ltd. and the Japan Aerospace Exploration Agency (JAXA).

ALOS-2

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

Committee on Space Research international designator:	2014-029A
Name:	Advanced Land Observing Satellite-2 (ALOS-2) “Daichi-2”
National designator:	2014-029A
State of registry:	Japan
Date and territory or location of launch	
Date of launch:	24 May 2014 at 0305 hours 14 seconds UTC
Territory or location of launch:	Tanegashima Space Center, Kagoshima, Japan
Basic orbital parameters	
Nodal period:	97.1 minutes
Inclination:	97.9 degrees
Apogee:	639 kilometres
Perigee:	602 kilometres
General function of space object:	ALOS-2 is an Earth observation satellite equipped with a phased array type L-band synthetic aperture radar (PALSAR-2). PALSAR-2 transmits L-band radio waves and receives the scattering signal from the Earth’s surface to acquire information for use in disaster monitoring, land management, resource management and resource exploration.

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

Space object owner or operator:	JAXA
Launch vehicle:	H-IIA launch vehicle flight No. 24 (H-IIA-24F)
Other information:	Basic orbital parameters are as at 21 June 2014.
	Launching organizations are Mitsubishi Heavy Industries, Ltd. and JAXA.

Hodoyoshi-3

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

Committee on Space Research international designator:	2014-033F
Name:	Hodoyoshi-3
National designator:	2014-033F
State of registry:	Japan
Other launching States:	Russian Federation
Date and territory or location of launch	
Date of launch:	19 June 2014 at 1911 hours 11 seconds UTC
Territory or location of launch:	Yasny launch base, Russian Federation
Basic orbital parameters	
Nodal period:	97.5 minutes
Inclination:	98.0 degrees
Apogee:	666.7 kilometres
Perigee:	612.3 kilometres
General function of space object:	1. Earth observation with optical cameras
	2. Reception of radio frequency signal from on-ground sensors
	3. Carrying hosted payloads using spaces within the satellite

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

Space object owner or operator:	University of Tokyo, Japan
Launch vehicle:	Dnepr launch vehicle
Other information:	Basic orbital parameters are as at 16 July 2014. Launching organization is the International Space Company (ISC) Kosmotras.

Hodoyoshi-4

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

Committee on Space Research international designator:	2014-033B
Name:	Hodoyoshi-4
National designator:	2014-033B
State of registry:	Japan
Other launching States:	Russian Federation
Date and territory or location of launch	
Date of launch:	19 June 2014 at 1911 hours 11 seconds UTC
Territory or location of launch:	Yasny launch base, Russian Federation
Basic orbital parameters	
Nodal period:	97.3 minutes
Inclination:	98.0 degrees
Apogee:	651.7 kilometres
Perigee:	611.6 kilometres
General function of space object:	1. Earth observation with optical cameras 2. Reception of radio frequency signal from on-ground sensors 3. Carrying hosted payloads using spaces within the satellite

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

Space object owner or operator:	University of Tokyo, Japan
Launch vehicle:	Dnepr launch vehicle
Other information:	Basic orbital parameters are as at 16 July 2014. Launching organization is International Space Company (ISC) Kosmotras.

Himawari-8

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

Committee on Space Research international designator:	2014-060A
Name:	Himawari-8
National designator:	2014-060A
State of registry:	Japan
Date and territory or location of launch	
Date of launch:	7 October 2014 at 0516 hours 0 seconds UTC
Territory or location of launch:	Tanegashima Space Center, Kagoshima, Japan
Basic orbital parameters	
Nodal period:	1,436.03 minutes
Inclination:	0.095911 degrees
Apogee:	35,802.4 kilometres
Perigee:	35,796.9 kilometres
General function of space object:	Himawari-8 missions are to monitor atmospheric phenomena globally and uniformly with a visible and infrared radiometer in geostationary orbit and to relay data from Earth-based observing stations.

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

Space object owner or operator:	Japan Meteorological Agency
Launch vehicle:	H-IIA launch vehicle flight No. 25 (H-IIA-25F)
Other information:	Basic orbital parameters are as at 16 October 2014.
	Launching organization is Mitsubishi Heavy Industries, Ltd.
	Operating organization of the satellite is Himawari Operation Enterprise Corporation.

ASNARO

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

Committee on Space Research international designator:	2014-70A
Name:	Advanced Satellite with New System Architecture for Observation (ASNARO)
National designator:	2014-70A
State of registry:	Japan
Other launching States:	Russian Federation
Date and territory or location of launch	
Date of launch:	6 November 2014 at 0735 hours 49 seconds UTC
Territory or location of launch:	Yasny launch base, Russian Federation
Basic orbital parameters	
Nodal period:	95 minutes
Inclination:	97.480 degrees
Apogee:	504 kilometres
Perigee:	504 kilometres
General function of space object:	The satellite mission is to demonstrate a new system architecture for Earth observation.

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

Space object owner or operator:	Ministry of Economy, Trade and Industry of Japan
Launch vehicle:	Dnepr launch vehicle
Other information:	Basic orbital parameters are as at 11 November 2014.
	Launching organization is International Space Company (ISC) Kosmotras.