



**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 3 January 2012 from the Permanent Mission
of India to the United Nations (Vienna) addressed to the
Secretary-General**

The Permanent Mission of India to the United Nations (Vienna) presents its compliments to the Secretary-General of the United Nations and has the honour to transmit, in accordance with article IV of the Convention on Registration of Objects Launched into Outer Space (General Assembly resolution 3235 (XXIX), annex), information concerning Indian space objects GSAT-8 (international designator 2011-022A), GSAT-12 (international designator 2011-034A), PSLV R/B (international designator 2011-034B), Megha-Tropiques (international designator 2011-058A), Jugnu (international designator 2011-058B), SRMSat (international designator 2011-058D) and PSLV R/B (international designator 2011-058E) (see annex).



Annex

Registration data on space objects launched by India*

GSAT-8

Name of the launching State:	India
Appropriate designator of the space object or its registration number:	2011-022A GSAT-8
Date and territory or location of the launch:	
Launch vehicle:	Ariane 5 VA202
Launch date:	20 May 2011 21 May 2011 in India
Launch site:	Guiana Space Center, Kourou, French Guiana
Basic orbital parameters:	
Nodal period:	1,436.2 minutes
Inclination:	0.024 degrees
Apogee:	35,820 kilometres
Perigee:	35,756 kilometres
General function of the space object:	Communications satellite positioned at longitude 55 degrees East

GSAT-12

Name of the launching State:	India
Appropriate designator of the space object or its registration number:	2011-034A GSAT-12
Date and territory or location of the launch:	
Launch vehicle:	PSLV-C17
Launch date:	15 July 2011
Launch site:	Satish Dhawan Space Centre, Sriharikota, India
Basic orbital parameters:	
Nodal period:	1,436.1 minutes

* The registration data are reproduced in the form in which they were received.

Inclination:	0.042 degrees
Apogee:	35,808 kilometres
Perigee:	35,766 kilometres
General function of the space object:	Communications satellite positioned at longitude 83 degrees East

PSLV R/B

Name of the launching State:	India
Appropriate designator of the space object or its registration number:	2011-034B PSLV R/B
Date and territory or location of the launch:	
Launch vehicle:	PSLV-C17
Launch date:	15 July 2011
Launch site:	Satish Dhawan Space Centre, Sriharikota, India
Basic orbital parameters:	
Nodal period:	373.8 minutes
Inclination:	17.86 degrees
Apogee:	21,329.0 kilometres
Perigee:	292.8 kilometres
General function of the space object:	Upper stage of PSLV-C17 launch vehicle

Megha-Tropiques

Name of the launching State:	India
Appropriate designator of the space object or its registration number:	2011-058A Megha-Tropiques
Date and territory or location of the launch:	
Launch vehicle:	PSLV-C18
Launch date:	12 October 2011
Launch site:	Satish Dhawan Space Centre, Sriharikota, India
Basic orbital parameters:	
Nodal period:	102.2 minutes
Inclination:	19.97 degrees

Apogee:	867.4 kilometres
Perigee:	861.6 kilometres
General function of the space object:	Weather observation satellite

Jugnu

Name of the launching State:	India
Appropriate designator of the space object or its registration number:	2011-058B Jugnu
Date and territory or location of the launch:	
Launch vehicle:	PSLV-C18
Launch date:	12 October 2011
Launch site:	Satish Dhawan Space Centre, Sriharikota, India
Basic orbital parameters:	
Nodal period:	102.1 minutes
Inclination:	19.97 degrees
Apogee:	878.1 kilometres
Perigee:	839.1 kilometres
General function of the space object:	University nano-satellite of the Indian Institute of Technology, Kanpur, for technology demonstration and remote sensing

SRMSat

Name of the launching State:	India
Appropriate designator of the space object or its registration number:	2011-058D SRMSat
Date and territory or location of the launch:	
Launch vehicle:	PSLV-C18
Launch date:	12 October 2011
Launch site:	Satish Dhawan Space Centre, Sriharikota, India
Basic orbital parameters:	
Nodal period:	102.2 minutes
Inclination:	19.98 degrees

Apogee:	880.9 kilometres
Perigee:	849.4 kilometres
General function of the space object:	University nano-satellite of the Sri Ramaswamy Memorial University, Chennai, India, for technology demonstration and Earth observation

PSLV R/B

Name of the launching State:	India
Appropriate designator of the space object or its registration number:	2011-058E PSLV R/B
Date and territory or location of the launch:	
Launch vehicle:	PSLV-C18
Launch date:	12 October 2011
Launch site:	Satish Dhawan Space Centre, Sriharikota, India
Basic orbital parameters:	
Nodal period:	101.5 minutes
Inclination:	19.81 degrees
Apogee:	873.1 kilometres
Perigee:	785.2 kilometres
General function of the space object:	Upper stage of PSLV-C18 launch vehicle
