



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 20 January 2009 from the Permanent Mission
of the Russian Federation to the United Nations (Vienna)
addressed to the Secretary-General**

The Permanent Mission of the Russian Federation 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 registration data on space launches by the Russian Federation for October and November 2008 and also on the space objects that ceased to exist during that period (see annexes I and II).



Registration data on space launches by the Russian Federation for October 2008*

1. In October 2008, the following space object belonging to the Russian Federation was launched:

Number	Name of space object	Date of launch	Basic orbital characteristics			General function of the space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)
3250	Soyuz TMA-13 launched by a Soyuz-FG carrier rocket from the Baikonur launch site	12 October	260	201	51.7	88.8
						Delivery to the International Space Station of the crew of Expedition 18, consisting of Y. Lonchakov and M. Fincke, and Visiting Crew 15, consisting of P. Garriott (United States of America)

2. In October 2008, the Russian Federation launched the following space object on behalf of a foreign client: on 1 October 2008, the Thailand Earth Observation System (THEOS) satellite was launched into Earth orbit by an RS-20 rocket from the Dombrovka missile base.
3. The following space object ceased to exist in October 2008 and was no longer in Earth orbit as at 2400 hours Moscow time on 31 October 2008: 2008-015A (Soyuz TMA-12).

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

Registration data on space launches by the Russian Federation for November 2008*

1. In November 2008, the following space objects belonging to the Russian Federation were launched:

Number	Name of space object	Date of launch	Basic orbital characteristics				General function of the space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
3251	Cosmos-2445 launched by a Soyuz carrier rocket from the Plesetsk launch site	14 November	340	182	67.2	89.5	Intended for assignments on behalf of the Ministry of Defence of the Russian Federation
3252	Progress M-01M launched by a Soyuz carrier rocket from the Baikonur launch site	26 November	253	191	51.6	88.7	Delivery to the International Space Station of fuel, water, oxygen, air, food and other expendable materials required for operation of the Station

2. In November 2008, the Russian Federation launched the following space object on behalf of a foreign client: on 5 November 2008, the Luxembourg telecommunications satellite Astra-1M was launched into Earth orbit by a Proton-M carrier rocket with a Breeze-M booster from the Baikonur launch site.
3. As at 2400 Moscow time on 30 November 2008, no space objects belonging to the Russian Federation had been found to have ceased to exist in Earth orbit in November 2008.

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