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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 30 March 2005 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 the period from November to December 2004 and also on the space objects that ceased to exist during that period (see annex).



Annex

Registration data on space launches by the Russian Federation for the period from November to December 2004*

November 2004

1. In November 2004, no space objects belonging to the Russian Federation were launched.
2. In November 2004, the Russian Federation did not launch any space objects on behalf of foreign clients.
3. As at 2400 hours Moscow time on 30 November 2004, no space objects of the Russian Federation had been found to have ceased to exist in Earth orbit in November 2004.

December 2004

1. In December 2004, 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 space object
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (hours and minutes)	
3179	Progress M-51 (launched by a Soyuz carrier rocket from the Baikonur launch site)	24 December	255.0	193.0	51.7	88.7m	Delivery to the International Space Station of fuel, food and other expendable materials required for operation of the Station during the piloted flight
3180	Cosmos-2411, ^a launched by a Proton carrier rocket from the Baikonur launch site	26 December	19 146.9	19 103.5	64.8	11h 15m	Work in connection with the Global Navigation Satellite System (GLONASS)
3181	Cosmos-2412 ^a	26 December	19 146.9	19 103.5	64.8	11h 15m	Work in connection with GLONASS
3182	Cosmos-2413 ^a	26 December	19 146.9	19 103.5	64.8	11h 15m	Work in connection with GLONASS

^aThe space objects Cosmos-2411, Cosmos-2412 and Cosmos-2413 were launched by a single Proton carrier rocket from the Baikonur launch site.

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

2. On 24 December 2004, the Russian Federation launched a Tsiklon-3 carrier rocket from the Plesetsk launch site with a Ukrainian Sich-1M spacecraft and a KS5MF-2 microsatellite (all remote-sensing satellites), in the context of Russian-Ukrainian cooperation.

3. The following space object ceased to exist in December 2004 and was no longer in Earth orbit as at 2400 hours Moscow time on 31 December 2004:

2004-032A (Progress M-50).
