



**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 12 May 2014 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), 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 in February and March 2014 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 February 2014*

- In February 2014, the following space object under the jurisdiction and control of the Russian Federation was launched:

Number	Name of space object	Date of launch	Basic orbital characteristics			General function of space object	
			Apogee (km)	Perigee (km)	Inclination (degrees)		Period (minutes)
3386-2014-001	Progress M-22M, launched by a Soyuz-U carrier rocket from the Baikonur launch site	5 February	229	188	51.6	88.6	Delivery to the International Space Station of fuel, water, oxygen, air, food and other consumable materials required for manned operation of the Station

- In February 2014, the Russian Federation launched the following space object on behalf of a foreign client:
 - On 15 February 2014, the Turksat 4A telecommunications satellite (Turkey) was launched from the Baikonur launch site by a Proton-M carrier rocket with a Breeze-M booster.

- The following space object ceased to exist in February 2014 and was no longer in Earth orbit as at 2400 hours Moscow time on 28 February 2014:
 - 2013-039A (Progress M-20M), deorbited into the Pacific Ocean at a predetermined location on 11 February 2014; fragments of the space object that had not burned up were sunk.

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

Registration data on space launches by the Russian Federation for March 2014*

- In March 2014, the following space objects under the jurisdiction and control of 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 (minutes)
3387-2014-002	Express-AT1 ^a	16 March	35 903	35 701	0.1	1 441	Telecommunications satellite
3388-2014-002	Express-AT2 ^a	16 March	35 859	35 564	0.1	1 440	Telecommunications satellite
3389-2014-003	Cosmos-2492, launched by a Soyuz-2.1b carrier rocket with a Fregat booster from the Plesetsk launch site	24 March	19 153	19 128	64.8	675	Work on the Global Navigation Satellite System (GLONASS)
3390-2014-004	Soyuz TMA-12M, launched by a Soyuz-FG carrier rocket from the Baikonur launch site	26 March	262	200	51.7	88.1	Delivery to the International Space Station of the crew of Expeditions 39 and 40, consisting of Aleksei Skvortsov (Russian Federation), commander, and Oleg Artemyev (Russian Federation) and Steven Swanson (United States of America), flight engineers

^a Space objects launched by a single Proton-M carrier rocket with a Breeze-M booster from the Baikonur launch site.

- In March 2014, the Russian Federation did not launch any space objects on behalf of foreign clients.
- The following space object ceased to exist in March 2014 and was no longer in Earth orbit as at 2400 hours Moscow time on 31 March 2014:
2013-054A (Soyuz TMA-10M), which landed at a predetermined location with members of International Space Station Expedition 39 on 11 March 2014.

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