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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 14 February 2011 from the Permanent Mission of the United States of America to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of the United States of America 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 United States for December 2010 (see annex).

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Annex

Registration data on space launches by the United States of America for December 2010*

The following report supplements the registration data on United States launches as at 31 December 2010. All launches were made from the territory of the United States unless otherwise specified.

				Basic orbital characteristics				
International designation	*Name of space object*	*Date of launch*	*Location of launch*	*Nodal period (min)*	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	*General function of space object*
The following objects were launched since the last report and remain in orbit:								
2010-066B	QBX2	8 December 2010	–	90.5	34.5	321	292	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2010-066C	SMDC ONE	8 December 2010	–	90.5	34.5	320	292	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2010-066F	QBX1	8 December 2010	–	90.5	34.5	318	292	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2010-066K	FALCON 9 R/B	8 December 2010	–	219.7	34.5	11 095	285	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
The following objects not previously reported have been identified since the last report:								
1988-089D	NOAA 11 debris	24 September 1988	–	101.5	98.7	850	813	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1988-089E	NOAA 11 debris	24 September 1988	–	101.9	98.7	858	841	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
The following objects not previously reported have been identified since the last report (continued):								
1998-067A	Zarya Cargo Block	20 November 1998	Baikonur, Kazakhstan	92	51	395.9	391	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2001-028B	Quest Joint Air-Lock	14 July 2001	–	92	51	395.9	391	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2007-050B	Harmony Node	23 October 2007	–	92	51	395.9	391	Spacecraft engaged in practical applications and uses of space technology such as weather or communications

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

				Basic orbital characteristics				
International designation	*Name of space object*	*Date of launch*	*Location of launch*	*Nodal period (min)*	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	*General function of space object*
2009-062B	Attached Payload Accommodations Equipment	16 November 2009	–	92	51	395.9	391	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2010-004B	Tranquility Node and Cupola	8 February 2010	–	92	51	395.9	391	Spacecraft engaged in practical applications and uses of space technology such as weather or communications

The following objects not previously reported have been identified since the last report but were no longer in orbit as at 2400Z on 31 December 2010:

None.

The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z on 31 December 2010:

2010-066A	Dragon C1	8 December 2010	–	90.5	34.5	315	286	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2010-066D	Perseus 003	8 December 2010	–	90.5	34.5	319	291	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2010-066E	Perseus 001	8 December 2010	–	90.5	34.5	320	291	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2010-066G	Perseus 002	8 December 2010	–	90.5	34.5	319	289	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2010-066H	Perseus 000	8 December 2010	–	90.2	34.5	317	263	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2010-066J	Mayflower	8 December 2010	–	90.5	34.5	324	289	Spacecraft engaged in practical applications and uses of space technology such as weather or communications

The following objects identified in a previous report were no longer in orbit as at 2400Z on 31 December 2010:

2010-060B

The following objects were launched since the last report but did not achieve orbit:

None.

Revisions that should be made to previously reported data:

None.