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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 5 August 2009 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 the period from April to June 2009 (see annexes I-III).

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Annex I

Registration data on space launches by the United States of America for April 2009*

The following report supplements the registration data on United States launches as at 30 April 2009. All launches were made from the territory of the United States unless otherwise specified.

International designation	*Name of space object*	*Date of launch*	*Location of launch*	*Basic orbital characteristics*				*General function of space object*
				Nodal period (min)	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	
The following objects were launched since the last report and remain in orbit:								
2009-017A	WGS F2 (USA 204)	4 April 2009	–	116.3	26.9	2 865	168	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2009-017B	Atlas 5 Centaur R/B	4 April 2009	–	1 264.0	20.8	64 248	448	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
The following objects not previously reported have been identified since the last report:								
None.								
The following objects not previously reported have been identified since the last report but were no longer in orbit as at 2400Z on 30 April 2009:								
None.								
The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z on 30 April 2009:								
None.								
The following object identified in a previous report was no longer in orbit as at 2400Z on 30 April 2009:								
2009-005B								
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.								

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

Annex II

Registration data on space launches by the United States of America for May 2009*

The following report supplements the registration data on United States launches as at 31 May 2009. All launches were made from the territory of the United States unless otherwise specified.

International designation	*Name of space object*	*Date of launch*	*Location of launch*	*Basic orbital characteristics*				*General function of space object*
				Nodal period (min)	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	
The following objects were launched since the last report and remain in orbit:								
2009-023A	STSS ATRR (USA 205)	5 May 2009	–	101.5	99.1	872	792	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2009-023B	Delta 2 R/B	5 May 2009	–	101.5	99.1	872	792	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2009-028A	TacSat 3	18 May 2009	–	93.6	40.5	475	440	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2009-028B	PharmaSat	18 May 2009	–	93.6	40.5	471	434	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2009-028C	HawkSat 1	18 May 2009	–	93.6	40.5	473	432	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2009-028D	CP6	18 May 2009	–	93.6	40.5	473	431	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2009-028E	AeroCube 3	18 May 2009	–	93.6	40.5	468	435	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2009-028F	Minotaur R/B	18 May 2009	–	93.6	40.5	469	430	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects

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International designation	*Name of space object*	*Date of launch*	*Location of launch*	*Basic orbital characteristics*				*General function of space object*
				Nodal period (min)	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	
The following objects not previously reported have been identified since the last report:								
None.								
The following objects not previously reported have been identified since the last report but were no longer in orbit as at 2400Z on 31 May 2009:								
None.								
The following object achieved orbit since the last report but was no longer in orbit as at 2400Z on 31 May 2009:								
2009-025A	STS-125	11 May 2009	–	93.2	28.4	566	302	Reusable space transportation systems
The following object identified in a previous report was no longer in orbit as at 2400Z on 31 May 2009:								
2006-057A								
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.								

Annex III

Registration data on space launches by the United States of America for June 2009*

The following report supplements the registration data on United States launches as at 30 June 2009. All launches were made from the territory of the United States unless otherwise specified.

International designation	*Name of space object*	*Date of launch*	*Location of launch*	*Basic orbital characteristics*				*General function of space object*
				Nodal period (min)	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	
The following objects were launched since the last report and remain in orbit:								
2009-031A	LRO	18 June 2009	–	88.2	28.5	190	188	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2009-031B	LCROSS	18 June 2009	–	88.2	28.5	190	188	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2009-031C	Atlas 5 Centaur R/B	18 June 2009	–	88.2	28.5	190	188	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2009-033A	GOES 14	27 June 2009	–	609.7	26.6	34 185	201	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2009-033B	Delta 4 R/B	27 June 2009	–	750.4	12.0	35 163	6 789	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2009-034A	Sirius FM-5	30 June 2009	Baikonur, Kazakhstan	636.1	49.2	35 805	429	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:

None.

The following objects not previously reported have been identified since the last report but were no longer in orbit as at 2400Z on 30 June 2009:

None.

The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z on 30 June 2009:

None.

The following object identified in a previous report was no longer in orbit as at 2400Z on 30 June 2009:

2009-014C

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International designation	*Name of space object*	*Date of launch*	*Location of launch*	*Basic orbital characteristics*				*General function of space object*
				Nodal period (min)	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	
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.								