United Nations



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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 25 August 2010 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 2010 (see annexes I-III).





#### Annex I

# Registration data on space launches by the United States of America for April 2010 $\!\!\!^*$

The following report supplements the registration data on United States launches as at 30 April 2010. All launches were made from the territory of the United States unless otherwise specified.

	Name of space object	Date of launch	Location of launch	Ba	sic orbital char	acteristics		
International designation				Nodal period (min)	Inclination (degrees)	Apogee (km)	Perigee (km)	General function of space object
The following	g objects were launch	ed since the last repo	rt and remain in	orbit:				
2010-015A	OTV 1 (USA 212)	22 April 2010	-	92.6	40.0	417	393	Reusable space transportation systems
2010-015B	Atlas 5 Centaur R/B	22 April 2010	_	92.6	33.0	417	393	Spent boosters, spent manoeuvring stages shrouds and other non-functional objects
None.				•		5		2400Z on 30 April 2010:
None. The following	g object achieved orb	it since the last report		ger in orbit as a	t 2400Z on 3	30 April 2	010:	-
None. The followin 2010-012A The followin 1983-0 The followin		it since the last report 5 April 2010 a previous report we	t but was no long – ere no longer in o	ger in orbit as a 89.4 orbit as at 2400	t 2400Z on 3 51.6	30 April 20 261		2400Z on 30 April 2010: Reusable space transportation systems
None. The followin 2010-012A The followin 1983-0 The followin None.	g object achieved orb STS 131 g objects identified in 04F, 1986-073F	it since the last report 5 April 2010 a previous report we ed since the last repo	t but was no long – ere no longer in o rt but did not ac	ger in orbit as a 89.4 orbit as at 2400	t 2400Z on 3 51.6	30 April 20 261	010:	-

V.10-57263

<sup>\*</sup> The registration data are reproduced in the form in which they were received.

## Registration data on space launches by the United States of America for May 2010 $^{*}$

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

	Name of space object	Date of launch		Basic orbital characteristics				
International designation			Location of launch	Nodal period (min)	Inclination (degrees)	Apogee (km)	Perigee (km)	General function of space object
The following	objects were laund	ched since the last rep	port and remai	n in orbit:				
2010-022A	Navstar 65 (USA 213)	28 May 2010	-	358.6	43.3	20 450	237	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2010-022B	Delta 4 R/B	28 May 2010	-	754.1	54.7	21 679	20 462	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
None.	5 1	usly reported have be usly reported have be				e no longer i	in orbit as a	t 2400Z on 31 May 2010:
None.								
The following	objects achieved o	orbit since the last rep	oort but were n	o longer in orb	bit as at $2400$	Z on 31 Ma	iy 2010:	
2010-019A	STS 132	14 May 2010	—	88.4	51.6	234	158	Reusable space transportation systems
The following	object identified in	n a previous report w	as no longer in	n orbit as at 240	00Z on 31 M	lay 2010:		
None.								
The following	objects were launc	ched since the last rep	port but did no	t achieve orbit:	•			
None.								
Revisions that	should be made to	previously reported	data:					
None.								

<sup>\*</sup> The registration data are reproduced in the form in which they were received.

### Annex III

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## Registration data on space launches by the United States of America for June 2010 $^{\ast}$

The following report supplements the registration data on United States launches as at 30 June 2010. All launches were made from the territory of the United States unless otherwise specified.

	Name of space object	Date of launch	Location of launch	B	asic orbital char	racteristics		General function of space object
International designation				Nodal period (min)	Inclination (degrees)	Apogee (km)	Perigee (km)	
The following	objects were launched	d since the last rep	oort and remain	in orbit:				
None.								
The following	objects not previously	reported have be	en identified si	nce the last rep	ort:			
None.								
The following	objects not previously	reported have be	en identified si	nce the last rep	ort but were 1	no longer ir	n orbit as a	t 2400Z on 30 June 2010:
None.								
The following	objects achieved orbit	t since the last rep	ort but were no	longer in orbit	t as at 2400Z	on 30 June	e 2010:	
2010-026A	Dragon/Falcon 9 R/B	3 June 2010	-	89.5	34.5	254	246	Spacecraft engaged in practical applications and uses of space technology such as weathe or communications
TT1 C 11 .	objects identified in a	previous report w	vere no longer i	n orbit as at 24	00Z on 30 Ju	une 2010:		
The following								
e	3C, 2007-034C							
2004-02	3C, 2007-034C objects were launched	d since the last rep	oort but did not	achieve orbit:				
2004-02	,	d since the last rep	oort but did not	achieve orbit:				
2004-02 The following None.	,	1		achieve orbit:				

<sup>\*</sup> The registration data are reproduced in the form in which they were received.