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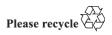
**Committee on the Peaceful Uses of Outer Space** 

### Information furnished in conformity with the Convention on Registration of Objects Launched into Outer Space

Note verbale dated 4 February 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 October 2008 (see annexes I-VII).





#### Annex I

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# **Registration data on space launches by the United States of America for April 2008**<sup>\*</sup>

The following report supplements the registration data on United States launches as at 30 April 2008. All launches were made from the territory of the United States unless otherwise specified.

				Be	usic orbital chai	racteristics		
	Name of space object		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 repo	ort and remain	in orbit:				
2008-016A	ICO G-1	14 April 2008	-	631.5	22.7	35 820	190	Spacecraft engaged in practical applications and uses of space technology such as weathe or communications
2008-016B	Atlas 5 Centaur R/B	14 April 2008	-	636.3	22.4	36 105	150	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2008-017A	C/NOFS	16 April 2008	-	97.3	13.0	847	401	Spacecraft engaged in practical applications and uses of space technology such as weathe or communications
2008-017B	Pegasus R/B	16 April 2008	_	97.3	13.0	847	412	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
None.		usly reported have been orbit since the last reported have been been been been been been been be						t 2400Z 30 April 2008:
The following	objects identified 47C, 2007-062C	in a previous report w	ere no longer	in orbit as at 24	00Z 30 Apri	1 2008:		
The following None.	objects were laund	ched since the last repo	ort but did not	achieve orbit:				
In the ar	nnex to the note ver	previously reported d rbale dated 1 July 200 E/412), delete the follo	2 from the Per				the United	Nations (Vienna) addressed to the
2001-055A	_	7 December 2001	_	112.1	66.1	1 339	1 325	Spacecraft engaged in practical applications and uses of space technology such as weathe or communications

\* 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 2008\*

The following report supplements the registration data on United States launches as at 31 May 2008. All launches were made from the territory of the United States unless otherwise specified.

			Location of launch	В	asic orbital cha	aracteristics		General function of space object
International designation	Name of space object	Date of launch		Nodal period (min)	Inclination (degrees)	Apogee (km)	Perigee (km)	
The following o	objects were launched	since the last report	and remain in	orbit:				
2008-024A	Galaxy 18	21 May 2008	Odyssey floating platform	1 436.0	0.05	35 798	35 774	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2008-027A	STS-124	31 May 2008	-	90.0	51.6	315	232	Reusable space transportation systems
N				the last report				
None. The following o None. The following o 2006-055 The following o None.	objects not previously r objects achieved orbit s object identified in a pr 5J objects were launched s	since the last report l revious report was no since the last report	out were no lon o longer in orb but did not ach	the last report nger in orbit as it as at 2400Z	but were no at 2400Z 31	l May 2008		400Z 31 May 2008:

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

### Annex III

### Registration data on space launches by the United States of America for June 2008 $^{\ast}$

The following report supplements the registration data on United States launches as at 30 June 2008. All launches were made from the territory of the United States unless otherwise specified.

				B	asic orbital char	acteristics		
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 launch	ed since the last re	eport and remain	in orbit:				
2008-029A	GLAST	11 June 2008	_	92.4	28.5	602	187	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2008-032B	Delta 2 R/B	20 June 2008	-	145.7	65.9	4 275	1 349	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2008-031A	Orbcomm FM 38	19 June 2008	Kapustin Yar, Russian Federation	98.04	48.45	670	660	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2008-031B	Orbcomm FM 41	19 June 2008	Kapustin Yar, Russian Federation	98.04	48.45	669	661	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2008-031C	Orbcomm FM 29	19 June 2008	Kapustin Yar, Russian Federation	98.07	48.45	671	661	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2008-031D	Orbcomm FM 39	19 June 2008	Kapustin Yar, Russian Federation	98.08	48.45	673	660	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2008-031E	Orbcomm FM 37	19 June 2008	Kapustin Yar, Russian Federation	98.06	48.45	671	661	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2008-031F	Orbcomm FM 40	19 June 2008	Kapustin Yar, Russian Federation	98.08	48.45	673	661	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.

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

			Location of launch	В	asic orbital char	<i>acteristics</i>		
	Name of space object	Date of launch		Nodal period (min)	Inclination (degrees)	Apogee (km)	Perigee (km)	General function of space object
None.		<i>y</i> 1		1		U		t 2400Z 30 June 2008:
The following	objects achieved o	rbit since the last rep	port but were n	o longer in orbi	t as at 2400Z	30 June 20	008:	
2008-029B	Delta 2 R/B	11 June 2008	_	92.1	25.5	566	202	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
The following 2008-02	, 5	a previous report w	vas no longer in	orbit as at 240	0Z 30 June 2	008:		5
The following	objects were launc	hed since the last re	port but did not	achieve orbit:				
None.								
Revisions that	should be made to	previously reported	data:					

#### Annex IV

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## **Registration data on space launches by the United States of America for July 2008**<sup>\*</sup>

The following report supplements the registration data on United States launches as at 31 July 2008. All launches were made from the territory of the United States unless otherwise specified.

				B	asic orbital cha	racteristics		
	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	object was launche	ed since the last repor	t and remains i	n orbit:				
2008-035A	EchoStar 11	16 July 2008	Odyssey floating platform	638.8	0.1	35 717	748	Spacecraft engaged in practical applications and uses of space technology such as weathe or communications
e e	objects not previou	usly reported have be	en identified si	nce the last rep	ort:			
None.								
e	objects not previou	usly reported have be	en identified si	nce the last rep	ort but were	no longer in	i orbit as a	t 2400Z 31 July 2008:
None.	objects achieved o	rbit since the last rep	ort but were no	longer in orbit	as at 2/007	31 July 20	08.	
None.	objects active o	Ton since the last rep		longer in oron	as at 24002	51 July 20	08.	
	objects identified i	in a previous report w	ere no longer i	n orbit as at 24	00Z 31 July	2008:		
None.	5	1 1	8		5			
The following	objects were launc	hed since the last rep	ort but did not	achieve orbit:				
None.								
Revisions that	should be made to	previously reported of	lata:					

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

### Annex V

### **Registration data on space launches by the United States of America for August 2008**<sup>\*</sup>

The following report supplements the registration data on United States launches as at 31 August 2008. All launches were made from the territory of the United States unless otherwise specified.

- The following objects were launched since the last report and remain in orbit: None. 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 31 August 2008: None.
- The following objects achieved orbit since the last report but were no longer in orbit as at 2400Z 31 August 2008: None.
- The following objects identified in a previous report were no longer in orbit as at 2400Z 31 August 2008:
  - None.
- 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.

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#### Annex VI

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## **Registration data on space launches by the United States of America for September 2008\***

The following report supplements the registration data on United States launches as at 30 September 2008. All launches were made from the territory of the United States unless otherwise specified.

		Date of launch		В	asic orbital cha	racteristics		
International designation	Name of space object		Location of launch	Nodal period (min)	Inclination (degrees)	Apogee (km)	Perigee (km)	General function of space object
The following	objects were launc	hed since the last repo	ort and remain	in orbit:				
2008-042A	GeoEye-1	6 September 2008	_	98.3	98.1	705	686	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2008-042B	Delta 2 R/B	6 September 2008	-	93.2	97.8	698	197	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2008-045A	Galaxy 19	24 September 2008	Odyssey floating platform	679.1	0.0	35 648	2 783	Spacecraft engaged in practical applications and uses of space technology such as weathe or communications
2008-048A	Demosat/ Falcon-1	28 September 2008	_	97.5	9.3	637	631	Spacecraft engaged in practical applications and uses of space technology such as weathe or communications
None.		usly reported have bee		-				
The following None.	objects not previou	usly reported have bee	en identified si	nce the last rep	ort but were	no longer ir	n orbit as a	t 2400Z 30 September 2008:
The following None.	objects achieved o	rbit since the last repo	ort but were no	longer in orbit	t as at 2400Z	30 Septem	ber 2008:	
The following 2008-01	5	n a previous report wa	s no longer in	orbit as at 2400	0Z 30 Septer	nber 2008:		
The following None.	objects were launc	thed since the last repo	ort but did not	achieve orbit:				
	should be made to	previously reported d	ata:					
None.								

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

### Annex VII

## **Registration data on space launches by the United States of America for October 2008**\*

The following report supplements the registration data on United States launches as at 31 October 2008. All launches were made from the territory of the United States unless otherwise specified.

			Location of launch	B	asic orbital char	<i>acteristics</i>		
International designation	Name of space object	Date of launch		Nodal period (min)	Inclination (degrees)	Apogee (km)	Perigee (km)	General function of space object
The following	objects were launche	ed since the last repor	t and remain	in orbit:				
2008-051A	IBEX	19 October 2008	-	90.9	11.0	420	218	Spacecraft engaged in practical applications and uses of space technology such as weathe or communications
2008-051B	Pegasus R/B (1)	19 October 2008	_	90.9	11.0	421	217	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2008-051D	Pegasus R/B (2)	19 October 2008	-	90.9	11.0	420	218	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2008-054B	Delta 2 R/B (2)	25 October 2008	_	92.7	97.9	653	199	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
The following None.	objects not previous	ly reported have been	identified si	ince the last rep	ort:			
The following None.	objects not previous	ly reported have been	identified si	nce the last rep	ort but were	10 longer in	n orbit as a	t 2400Z 31 October 2008:
The following	objects achieved orb	it since the last repor	t but were no	longer in orbi	t as at 2400Z	31 Octobe	r 2008:	
2008-051C	Pegasus debris	19 October 2008	-	90.9	11.0	420	218	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
The following 2008-04	5	n previous report was	no longer in	orbit as at 2400	DZ 31 Octobe	er 2008:		
The following None.	objects were launche	ed since the last repor	t but did not	achieve orbit:				
rone.								

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