United Nations



Distr.: General 23 July 2015

Original: English

Committee on the Peaceful Uses of Outer Space

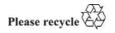
Information furnished in conformity with the Convention on Registration of Objects Launched into Outer Space

Note verbale dated 5 February 2015 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), 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 objects launched into outer space by the United States for the period from January to June 2014 (see annexes I-VI).

The United States requests that the space objects contained in the annexes to this document be placed on the Register of Objects Launched into Outer Space maintained by the United Nations. In submitting this request, the United States notes that, consistent with its long-standing registration practice, the United States is not necessarily a launching State for each of the space objects it registers. The United States makes this request in the spirit of contributing to the practical effectiveness of the treaties and is providing information to the greatest extent practicable.

V.15-05114 (E) 300715 310715



Annex I

Registration data on space launches by the United States of America for January 2014 *

The following report supplements the registration data on United States space launches as at 31 January 2014. All launches were made from the territory of the United States unless otherwise specified.

				Bas	ic orbital cha	racteristics		
International designation	Name of the space object			eneral function of the space object				
The following	objects were launc	hed since the la	ist report and	remain in or	bit:			
2014-002B	Falcon 9 R/B	6 January 2014	_	1 990.0	22.4	91 600	458	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2014-003A	Cygnus Orb-1	9 January 2014	_	92.6	51.6	407	402	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-004A	TDRS 12	24 January 2014	_	749.0	25.4	34 732	4 682	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-004B	Atlas 5 R/B	24 January 2014	_	656.0	23.6	34 732	4 682	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
The following	objects not previou	sly reported ha	ve been ider	tified since t	he last repo	rt:		
None.								
The following None.	objects not previou	sly reported ha	ve been iden	tified since t	he last repo	rt but wer	e no long	ger in orbit as at 2359Z on 31 January 2014:
The following	objects achieved or	rbit since the la	st report but	were no long	er in orbit	as at 2359	Z on 31.	January 2014:
2014-003B	Antares R/B	9 January 2014	_	89.0	51.7	244	214	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
						07 on 31	Ionuoru '	2014
The following	objects identified i	n a previous re	port were no	longer in orb	oft as at 235		January 2	2014:
The following None.	objects identified i	n a previous rej	port were no	longer in orb	oit as at 235	<i>JL</i> 011 <i>J</i> 1	January	2014:
None.	objects identified i objects were launc	1		U		<i>92</i> 01 51	January 2	2014:
None.		1		U		<i>92</i> 01 91	January 2	2014:
None. The following None.		hed since the la	st report but	U		<i>yL</i> 011 31	January 2	2014:

^{*} 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 February 2014^{*}

The following report supplements the registration data on United States space launches as at 28 February 2014. All launches were made from the territory of the United States unless otherwise specified.

				Bas	ic orbital cha	racteristics		
International designation	Name of the space object	Date of the launch	Location of the launch	Nodal period (min)	Inclination (degrees)	Apogee (km)	Perigee (km)	General function of the space object
The following	objects were la	unched since the	e last report and	remain in or	bit:			
1998-067DG	Flock 1-3	11 February 2014	Deployed off ISS (Kibo)	92.79	51.66	418	403	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067DH	Flock 1-1	11 February 2014	Deployed off ISS (Kibo)	92.79	51.66	418	403	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067DJ	Flock 1-2	11 February 2014	Deployed off ISS (Kibo)	92.79	51.66	418	403	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067DK	Flock 1-4	11 February 2014	Deployed off ISS (Kibo)	92.79	51.66	418	403	Spacecraft engaged in practical applications and uses o space technology such as weather or communications
1998-067DL	Flock 1-5	12 February 2014	Deployed off ISS (Kibo)	92.79	51.66	418	403	Spacecraft engaged in practical applications and uses o space technology such as weather or communications
1998-067DM	Flock 1-6	12 February 2014	Deployed off ISS (Kibo)	92.79	51.66	418	403	Spacecraft engaged in practical applications and uses o space technology such as weather or communications
1998-067DN	Flock 1-7	13 February 2014	Deployed off ISS (Kibo)	92.79	51.66	418	403	Spacecraft engaged in practical applications and uses o space technology such as weather or communications
1998-067DP	Flock 1-8	13 February 2014	Deployed off ISS (Kibo)	92.79	51.66	418	403	Spacecraft engaged in practical applications and uses o space technology such as weather or communications
1998-067DQ	Flock 1-9	14 February 2014	Deployed off ISS (Kibo)	92.79	51.66	418	403	Spacecraft engaged in practical applications and uses o space technology such as weather or communications
1998-067DR	Flock 1-10	14 February 2014	Deployed off ISS (Kibo)	92.79	51.66	418	403	Spacecraft engaged in practical applications and uses o space technology such as weather or communications
1998-067DS	Flock 1-11	14 February 2014	Deployed off ISS (Kibo)	92.79	51.66	418	403	Spacecraft engaged in practical applications and uses o space technology such as weather or communications
1998-067DT	Flock 1-12	14 February 2014	Deployed off ISS (Kibo)	92.79	51.66	418	403	Spacecraft engaged in practical applications and uses o space technology such as weather or communications
1998-067DU	Flock 1-13	15 February 2014	Deployed off ISS (Kibo)	92.79	51.66	418	403	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.

\mathcal{O}	
T	
$\overline{\mathbf{o}}$	
õ	
5	
S	
5	
~	
Ξ.	
5	
3	
9	

			Location of the launch	Bas	sic orbital cha	racteristics		
International designation	Name of the space object	Date of the launch l		Nodal period (min)	Inclination (degrees)	Apogee (km)	Perigee (km)	General function of the space object
1998-067DV	Flock 1-14	15 February 2014	Deployed off ISS (Kibo)	92.79	51.66	418	403	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067DW	Flock 1-15	15 February 2014	Deployed off ISS (Kibo)	92.79	51.66	418	403	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067DX	Flock 1-16	15 February 2014	Deployed off ISS (Kibo)	92.79	51.66	418	403	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-008A	Navstar 69	21 February 2014	-	359.2	43.3	20 469	251	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-008B	Delta 4 R/B	21 February 2014	-	755.0	54.7	21 714	20 472	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1998-067DY	Flock 1-17	25 February 2014	Deployed off ISS (Kibo)	92.79	51.66	418	403	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067DZ	Flock 1-18	25 February 2014	Deployed off ISS (Kibo)	92.79	51.66	418	403	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067EC	Flock 1-19	26 February 2014	Deployed off ISS (Kibo)	92.79	51.66	418	403	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067ED	Flock 1-20	26 February 2014	Deployed off ISS (Kibo)	92.79	51.66	418	403	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067EA	Flock 1-21	26 February 2014	Deployed off ISS (Kibo)	92.79	51.66	418	403	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067EB	Flock 1-22	26 February 2014	Deployed off ISS (Kibo)	92.79	51.66	418	403	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067EE	Flock 1-23	27 February 2014	Deployed off ISS (Kibo)	92.79	51.66	418	403	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067EF	Flock 1-24	27 February 2014	Deployed off ISS (Kibo)	92.79	51.66	418	403	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067EG	Flock 1-25	27 February 2014	Deployed off ISS (Kibo)	92.79	51.66	418	403	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067EH	Flock 1-26	27 February 2014	Deployed off ISS (Kibo)	92.79	51.66	418	403	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067EJ	Flock 1-27	28 February 2014	Deployed off ISS (Kibo)	92.79	51.66	418	403	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067EK	Flock 1-28	28 February 2014	Deployed off ISS (Kibo)	92.79	51.66	418	403	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067EL	SkyCube	28 February 2014	Deployed off ISS (Kibo)	92.8	51.6	416	407	

4

<	
. ~	
<u> </u>	
S	
0	
5	
<u> </u>	
<u> </u>	
4	

				Bas	ic orbital cha	uracteristics		
International designation	Name of the space object	Date of the launch	Location of the launch	Nodal period (min)	Inclination (degrees)	Apogee (km)	Perigee (km)	General function of the space object
The following	, objects not pre	eviously reporte	ed have been iden	tified since t	ne last repo	ort:		
None.								
The following	objects not pre	viously reporte	d have been iden	tified since t	he last repo	ort but we	e no long	ger in orbit as at 2359Z on 28 February 2014:
None.								
The following	objects achieve	ed orbit since t	he last report but	were no long	er in orbit	as at 2359	Z on 28	February 2014:
None.								
The following	objects identif	ied in a previou	is report were no	longer in orb	it as at 235	9Z on 28	February	/ 2014:
1961-017	B, 2014-003A							
The following	, objects were la	unched since t	he last report but	did not achie	ve orbit:			
None.								
n · · · ·	t should be mad	e to previously	reported data:					
Revisions that								

Annex III

6

Registration data on space launches by the United States of America for March 2014 $\!\!\!\!^*$

The following report supplements the registration data on United States space launches as at 31 March 2014. All launches were made from the territory of the United States unless otherwise specified.

				Bas	ic orbital cha	racteristics		
International designation	Name of the space object	Date of the launch	Location of the launch	Nodal period (min)	Inclination (degrees)	Apogee (km)	Perigee (km)	General function of the space object
The following	g objects were launc	hed since the l	ast report and	remain in o	rbit:			
None.								
The following	g objects not previou	isly reported h	ave been iden	tified since t	he last repo	ort:		
None.								
The following	, objects not previou	sly reported h	ave been iden	tified since t	he last repo	ort but we	re no long	ger in orbit as at 2359Z on 31 March 2014:
None.								
The following	g objects achieved or	rbit since the l	ast report but	were no long	ger in orbit	as at 2359	Z on 31	March 2014:
None.								
The following	g objects identified i	n a previous re	eport were no	longer in orl	oit as at 235	9Z on 31	March 20	014:
2000-042	В							
The following	g objects were launch	hed since the l	ast report but	did not achi	eve orbit:			
None.								
Revisions that	t should be made to	previously rep	orted data:					
None.								

^{*} 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 April 2014^{*}

The following report supplements the registration data on United States space launches as at 30 April 2014. All launches were made from the territory of the United States unless otherwise specified.

				Bas	ic orbital cha	racteristics		
International designation	Name of the space object	Date of the launch	Location of the launch	Nodal period (min)	Inclination (degrees)	Apogee (km)	Perigee (km)	General function of the space object
The following	objects were launch	ned since the la	st report and	remain in or	bit:			
2014-015A	USA 249	3 April 2014	_	101.8	98.8	869	854	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-015B	Centaur R/B	3 April 2014	-	101.8	98.8	869	854	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2014-020A	USA 250	10 April 2014	_	774.4	11.9	35 151	7 965	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-020B	Centaur R/B	10 April 2014	_	774.4	11.9	35 151	7 965	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2014-022A	Dragon CRS-3	18 April 2014	_	91	51.6	346	316	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-022B	SporeSat	18 April 2014	-	90.1	51.6	346	314	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-022C	TSAT	18 April 2014	-	90.9	51.6	346	314	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-022D	All Star/Theia	18 April 2014	_	90.9	51.6	346	314	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-022E	PhoneSat 2.5	18 April 2014	_	90.9	51.7	346	315	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:

The following objects not previously reported have been identified since the last report but were no longer in orbit as at 2359Z on 30 April 2014: None.

The following objects achieved orbit since the last report but were no longer in orbit as at 2359Z on 30 April 2014:

None.

None.

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

ST/SG/SER.E/739

				Bas	ic orbital cha	racteristics		
International designation	Name of the space object	Date of the launch	Location of the launch	Nodal period (min)	Inclination (degrees)	Apogee (km)	Perigee (km)	- General function of the space object
The following	objects identified in	n a previous r	eport were no	longer in ort	oit as at 235	9Z on 30	April 20	14:
None.							-	
	objects were launcl	hed since the l	last report but	did not achie	eve orbit:		•	
	objects were launcl	hed since the l	last report but	did not achie	eve orbit:		-	
The following None.	objects were launcl should be made to		1	did not achie	eve orbit:			

Annex V

Registration data on space launches by the United States of America for May 2014 $\!\!\!\!^*$

The following report supplements the registration data on United States space launches as at 31 May 2014. All launches were made from the territory of the United States unless otherwise specified.

				Bas	ic orbital cha	racteristics		
International Name of the space designation object		Date of the launch	Location of the launch	Nodal period (min)	Nodal period Inclination Apogee Perigee (min) (degrees) (km) (km)	General function of the space object		
The following	s objects were launch	hed since the las	t report and	remain in or	bit:			
2014-026A	USA 251	17 May 2014	-	729.2	55.0	20 481	20 450	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-026B	Delta 4 R/B	17 May 2014	-	735.9	55.1	20 801	20 460	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2014-027A	USA 252	22 May 2014	-	644.5	28.7	35 844	831	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
None.					-			
The following None. The following None.	objects not previou objects achieved or objects identified in	rbit since the las	t report but	were no long	he last repo ger in orbit a	rt but wer as at 2359	Z on 31 1	-
None. The following None. The following None. The following 1960-016.	s objects achieved or s objects identified in	rbit since the las n a previous rep	t report but ort were no	were no long longer in orb	he last repo ger in orbit a	rt but wer as at 2359 9Z on 31	Z on 31 1 May 2014	May 2014:
None. The following None. The following None. The following 1960-016. 2014-0220 The following	objects achieved or objects identified in A, 2014-002B, 1998	rbit since the las n a previous rep 8-067DG, 1998-(t report but ort were no 067DJ, 1998	were no long longer in orb 3-067DP, 199	he last repo ger in orbit a bit as at 235 8-067DW,	rt but wer as at 2359 9Z on 31	Z on 31 1 May 2014	May 2014: 4:
None. The following None. The following None. The following 1960-016. 2014-0220 The following None.	g objects achieved or g objects identified in A, 2014-002B, 1998 C, 2014-022D	rbit since the las n a previous rep 8-067DG, 1998-(hed since the las	t report but ort were no 067DJ, 1998 st report but	were no long longer in orb 3-067DP, 199	he last repo ger in orbit a bit as at 235 8-067DW,	rt but wer as at 2359 9Z on 31	Z on 31 1 May 2014	May 2014: 4:

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

Annex VI

Registration data on space launches by the United States of America for June 2014 *

The following report supplements the registration data on United States space launches as at 30 June 2014. All launches were made from the territory of the United States unless otherwise specified.

				В	asic orbital ch	aracteristi	cs.	
International designation	Name of the space object	Date of the launch	Location of the launch	Nodal period (min)	Inclination (degrees)	Apogee (km)	Perigee (km)	General function of the space object
The following	objects were laun	ched since th	e last report and re	main in c	rbit:			
2014-033J	Aprizesat 9	19 June 2014	_	98.0	97.9	715	613	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-033K	Aprizesat 10	19 June 2014	_	98.2	97.9	734	613	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-033P	Flock 1C 10	19 June 2014	Yasny, Russian Federation	96.9	97.9	623	602	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-0338	Flock 1C 7	19 June 2014	Yasny, Russian Federation	96.9	97.9	622	603	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-033T	Flock 1C 1	19 June 2014	Yasny, Russian Federation	96.9	97.9	622	602	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-033V	Flock 1C 2	19 June 2014	Yasny, Russian Federation	96.9	97.9	625	602	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-033X	Flock 1C 4	19 June 2014	Yasny, Russian Federation	96.9	97.9	624	601	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-033Z	Flock 1C 11	19 June 2014	Yasny, Russian Federation	96.9	97.9	624	603	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-033AB	Flock 1C 9	19 June 2014	Yasny, Russian Federation	96.9	97.9	624	604	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.

				В	asic orbital ch	aracteristic	<i>cs</i>	
International designation	Name of the space object	Date of the launch	Location of the launch	Nodal period (min)	Inclination (degrees)	Apogee (km)	Perigee (km)	General function of the space object
2014-033AC	Flock 1C 6	19 June 2014	Yasny, Russian Federation	96.9	97.9	624	604	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-033AE	Flock 1C 5	19 June 2014	Yasny, Russian Federation	96.9	97.9	626	602	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-033AG	Flock 1C 8	19 June 2014	Yasny, Russian Federation	96.9	97.9	626	604	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-033AH	Flock 1C 3	19 June 2014	Yasny, Russian Federation	96.9	97.9	626	604	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-033AL	Lemur 1	19 June 2014	Yasny, Russian Federation	97.8	97.9	698	610	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-033AM	Aerocube 6A	19 June 2014	Yasny, Russian Federation	97.8	97.9	698	610	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-033AN	Aerocube 6B	19 June 2014	Yasny, Russian Federation	97.8	97.9	701	613	Spacecraft engaged in practical applications and uses of space technology such as weather or communications

None.

The following objects not previously reported have been identified since the last report but were no longer in orbit as at 2359Z on 30 June 2014: None.

The following objects achieved orbit since the last report but were no longer in orbit as at 2359Z on 30 June 2014:

None.

The following objects identified in a previous report were no longer in orbit as at 2359Z on 30 June 2014:

1998-067DL,1998-067EC, 1998-067EK, 2014-022B, 1998-067DN, 1998-067EB, 1998-067DH, 1998-067DM, 1998-067DR, 1998-067DS, 1998-067EH, 1975-038D, 1961-015LJ, 1998-067DK, 1998-067DV, 1998-067DX, 1998-067EF, 1998-067EG, 2004-017B

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.