



**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 29 April 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 July to December 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.

* Reissued for technical reasons on 10 September 2015.



Annex I

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

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

International designation	Name of the space object	Date of the launch	Location of the launch	Basic orbital characteristics				General function of the space object
				Nodal period (min)	Inclination (degrees)	Apogee (km)	Perigee (km)	
The following objects were launched since the last report and remain in orbit:								
2014-035A	OCO 2	2 July 2014	-	98.5	98.2	710	704	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-035B	Delta 2 R/B	2 July 2014	-	98.5	98.2	712	705	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2014-037D	SkySat 2	8 July 2014	Baikonur, Kazakhstan	97.2	98.4	648	641	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-039A	Cygnus Orb-2	13 July 2014	-	92.85	51.64	418	410	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-040A	Orbcomm FM 109	14 July 2014	-	98.4	47.0	758	622	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-040B	Orbcomm FM 107	14 July 2014	-	98.3	47.0	744	625	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-040C	Orbcomm FM 106	14 July 2014	-	98.4	47.0	745	628	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-040D	Orbcomm FM 111	14 July 2014	-	98.4	47.0	747	628	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-040E	Orbcomm FM 104	14 July 2014	-	98.3	47.0	744	627	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-040F	Orbcomm FM 103	14 July 2014	-	98.4	47.0	747	628	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-043A	USA 253	28 July 2014	-	636.2	26.4	36 057	197	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-043B	USA 254	28 July 2014	-	636.2	26.4	36 057	197	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-043C	USA 255	28 July 2014	-	636.2	26.4	36 057	197	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.

<i>International designation</i>	<i>Name of the space object</i>	<i>Date of the launch</i>	<i>Location of the launch</i>	<i>Basic orbital characteristics</i>				<i>General function of the space object</i>
				<i>Nodal period (min)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	<i>Perigee (km)</i>	
2014-043D	Delta 4 R/B	28 July 2014	-	636.2	26.4	36 057	197	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 2359Z on 31 July 2014:								
None.								
The following objects achieved orbit since the last report but were no longer in orbit as at 2359Z on 31 July 2014:								
2014-039B	Antares R/B	13 July 2014	-	89.1	51.6	260	219	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
The following objects identified in a previous report were no longer in orbit as at 2359Z on 31 July 2014:								
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.								

Annex II

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

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

International designation	Name of the space object	Date of the launch	Location of the launch	Basic orbital characteristics				General function of the space object
				Nodal period (min)	Inclination (degrees)	Apogee (km)	Perigee (km)	
The following objects were launched since the last report and remain in orbit:								
2014-045A	Navstar 71	2 August 2014	-	733.7	54.9	20 681	20 478	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-045B	Atlas 5 R/B	2 August 2014	-	727.1	55.0	20 484	20 355	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2014-046B	Falcon 9 R/B	5 August 2014	-	630.8	24.3	35 775	200	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2014-048A	Worldview 3	13 August 2014	-	96.8	98.0	646	632	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-048B	Atlas 5 R/B	13 August 2014	-	97.1	98.0	646	632	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1998-067EU	Flock 1B 24	19 August 2014	Deployed off ISS (Kibo)	92.8	51.6	418	411	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067EV	Flock 1B 23	19 August 2014	Deployed off ISS (Kibo)	92.8	51.6	418	411	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067EW	Flock 1B 26	19 August 2014	Deployed off ISS (Kibo)	92.8	51.6	418	411	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067EX	Flock 1B 25	20 August 2014	Deployed off ISS (Kibo)	92.8	51.6	418	411	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067EY	Flock 1B 15	20 August 2014	Deployed off ISS (Kibo)	92.8	51.6	418	411	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067EZ	Flock 1B 16	20 August 2014	Deployed off ISS (Kibo)	92.8	51.6	418	411	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067FA	Flock 1B 1	21 August 2014	Deployed off ISS (Kibo)	92.8	51.6	418	411	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067FB	Flock 1B 2	21 August 2014	Deployed off ISS (Kibo)	92.8	51.6	418	411	Spacecraft engaged in practical applications and uses of space technology such as weather or communications

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<i>International designation</i>	<i>Name of the space object</i>	<i>Date of the launch</i>	<i>Location of the launch</i>	<i>Basic orbital characteristics</i>				<i>General function of the space object</i>
				<i>Nodal period (min)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	<i>Perigee (km)</i>	
1998-067FC	Flock 1B 8	21 August 2014	Deployed off ISS (Kibo)	92.8	51.6	418	411	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067FD	Flock 1B 7	21 August 2014	Deployed off ISS (Kibo)	92.8	51.6	418	411	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 2359Z on 31 August 2014:
None.

The following objects achieved orbit since the last report but were no longer in orbit as at 2359Z on 31 August 2014:
None.

The following objects identified in a previous report were no longer in orbit as at 2359Z on 31 August 2014:
2014-039A

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 September 2014*

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

International designation	Name of the space object	Date of the launch	Location of the launch	Basic orbital characteristics				General function of the space object
				Nodal period (min)	Inclination (degrees)	Apogee (km)	Perigee (km)	
The following objects were launched since the last report and remain in orbit:								
2014-052B	Falcon 9 R/B	7 September 2014	-	631.3	25.4	35 830	168	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
2014-056A	Dragon CRS-4	21 September 2014	-	90.1	51.7	362	211	Reusable space transportation systems
2014-055A	USA 257	17 September 2014	-	782.4	20.7	35 038	8 461	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-055B	Atlas 5 R/B	17 September 2014	-	782.4	20.7	35 038	8 461	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1998-067FE	Flock 1B 18	21 September 2014	Deployed off ISS (Kibo)	92.8	51.6	418	411	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-067FF	Flock 1B 17	21 September 2014	Deployed off ISS (Kibo)	92.8	51.6	418	411	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 2359Z on 30 September 2014:								
None.								
The following objects achieved orbit since the last report but were no longer in orbit as at 2359Z on 30 September 2014:								
None.								
The following objects identified in a previous report were no longer in orbit as at 2359Z on 30 September 2014:								
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.

Annex IV

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

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

International designation	Name of the space object	Date of the launch	Location of the launch	Basic orbital characteristics				General function of the space object
				Nodal period (min)	Inclination (degrees)	Apogee (km)	Perigee (km)	
The following objects were launched since the last report and remain in orbit:								
2014-068A	Navstar 72	29 October 2014	-	730.3	55.0	20 525	20 473	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-068B	Atlas 5 R/B	29 October 2014	-	731.0	55.2	20 571	20 457	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 2359Z on 31 October 2014:								
None.								
The following objects achieved orbit since the last report but were no longer in orbit as at 2359Z on 31 October 2014:								
None.								
The following objects identified in a previous report were no longer in orbit as at 2359Z on 31 October 2014:								
1996-003B, 2013-064C, 1998-067DT, 1998-067DZ, 1998-067ED, 2012-071A								
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.								

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Annex V

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

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

International designation	Name of the space object	Date of the launch	Location of the launch	Basic orbital characteristics				General function of the space object
				Nodal period (min)	Inclination (degrees)	Apogee (km)	Perigee (km)	
The following objects were launched since the last report and remain in orbit:								
1998-067FL	SpinSat	28 November 2014	Deployed off ISS (Kibo)	92.8	51.6	418	406	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 2359Z on 30 November 2014:								
None.								
The following objects achieved orbit since the last report but were no longer in orbit as at 2359Z on 30 November 2014:								
None.								
The following objects identified in a previous report were no longer in orbit as at 2359Z on 30 November 2014:								
2013-011B, 1998-067EL								
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.								

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Annex VI

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

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

International designation	Name of the space object	Date of the launch	Location of the launch	Basic orbital characteristics				General function of the space object
				Nodal period (min)	Inclination (degrees)	Apogee (km)	Perigee (km)	
The following objects were launched since the last report and remain in orbit:								
2014-078B	DirecTV 14	6 December 2014	-	631.6	6.0	35 772	242	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-081A	USA 259	13 December 2014	-	701.1	62.8	37 420	2 109	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 2359Z on 31 December 2014:								
None.								
The following objects achieved orbit since the last report but were no longer in orbit as at 2359Z on 31 December 2014:								
2014-077A	Orion EFT-1	5 December 2014	-	95.3	28.8	882	187	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2014-077B	Delta 4 R/B	5 December 2014	-	147.9	28.8	5 812	187	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
The following objects identified in a previous report were no longer in orbit as at 2359Z on 31 December 2014:								
1998-067EW, 1984-011F, 1998-067EZ, 2007-006G, 2014-052B								
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.								

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