



Secretariat

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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**

**Letter dated 15 July 2013 from the Legal Counsel and Head
of the Legal Department of the European Space Agency to the
Secretary-General**

In conformity with the Convention on Registration of Objects Launched into Outer Space (General Assembly resolution 3235 (XXIX), annex), the rights and obligations of which the European Space Agency has declared its acceptance, the Agency has the honour to transmit information on the launching of the space object Automated Transfer Vehicle 4 (ATV-4) "Albert Einstein" (international designator 2013-027A) (see annex).

[Signed]
Marco **Ferrazzani**
Legal Counsel
Head of the Legal Department



Annex

Registration data on a space object launched by the European Space Agency*

Automated Transfer Vehicle 4 (ATV-4) “Albert Einstein”

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

Committee on Space Research international designator:	2013-027A
Name of space object:	Automated Transfer Vehicle 4 (ATV-4) “Albert Einstein”
State of registry:	European Space Agency
Date and territory or location of launch	
Date of launch:	5 June 2013 at 2152 hours 11 seconds UTC
Territory or location of launch:	Guiana Space Centre, Kourou, French Guiana
Basic orbital parameters (at epoch 15 June 2013, 1457 hours 24 seconds UTC, when ATV-4 docked with the International Space Station)	
Nodal period:	92.86 minutes
Inclination:	51.65 degrees
Apogee:	421.9 kilometres
Perigee:	407.2 kilometres
General function of space object:	ATV-4 “Albert Einstein” is the Agency’s fourth automated transfer vehicle. The 11-ton, 10.3 m x 4.5 m vehicles can carry 6.5 tons of additional cargo and dock automatically with the International Space Station. After its launch on 5 June 2013, ATV-4 performed a 10-day approach phase before docking successfully with the International Space Station on 15 June 2013. It can remain docked for six months before undocking, deorbiting and burning up in the Earth’s atmosphere during its guided and controlled re-entry.

* The information was submitted using the form prepared pursuant to General Assembly resolution 62/101 and has been reformatted by the Secretariat.