



Secretariat

Distr.: General
29 April 2004

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**

**Letter dated 1 April 2004 from the 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), to which the European Space Agency has acceded, the Agency has the honour to transmit information on the launching of the Rosetta satellite (see annex).

(Signed) Stefania **Barbieri**
Head, Legal Department



Annex

Registration of objects launched into outer space*

Rosetta

Name of space object:	Rosetta
Name of launching authority:	European Space Agency (ESA)
Date of launch:	2 March 2004
Location of launch site:	Kourou, French Guiana
Orbital parameters:	Deep-space (category B) mission. The satellite will reach the comet 67P/Churyumov-Gerasimenko in August 2014 after three fly-bys of the Earth and one of Mars.
General description of the space object:	Rosetta is a deep-space exploratory satellite that will explore the comet 67P/Churyumov-Gerasimenko. It is the first probe ever designed to enter orbit around a comet's nucleus and release a lander onto its surface. For over a year, it will conduct a thorough study of this remnant of the primitive nebula that gave birth to the solar system about 5 billion years ago. The satellite carries 11 experiments developed in partnership by ESA member States and other States. They will be used to observe the comet from an orbital altitude of 25 kilometres. Additionally, the Philae lander carries nine other instruments provided by ESA member States in partnership with Hungary, Poland, the Russian Federation and the United States of America.
Frequency plan:	
Earth-to-space:	7,168.091 MHz (telecommand/tracking) 2,115.017 MHz (telecommand/tracking)
Space-to-Earth:	8,421.790 MHz (telemetry/tracking) 2,296.851 MHz (telemetry/tracking)
Nominal lifetime:	12 years

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