



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**

**Note verbale dated 19 October 2000 from the Permanent Mission
of Sweden to the United Nations (Vienna) addressed to the
Secretary-General**

The Permanent Mission of Sweden 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,* has the honour to transmit new information concerning the television broadcasting satellite SIRIUS 1 (see annex).

* General Assembly resolution 3235 (XXIX), annex, of 12 November 1974.

Annex

Registration of objects launched into outer space*

Launching State: United States of America
Name and registration number: SIRIUS 1 (ex-Marco Polo 1, 1989-067A)
Date and territory of launch: 1989-08-27, 22:59:00 in Florida, United States of America

Basic orbital parameters:

Nodal period: 24 h (geosynchronous)
Inclination: 0.8° (June 2000)
Apogee: 35,790 kilometres
Position: 13°W

General description and mission of the space object:

High-power television broadcasting satellite; five active transponders with redundancy; power output, 55 W per transponder; coverage area—Sweden and part of neighbouring countries; mission period estimated to be about 14 years

Frequencies

Satellite operations:

Telecommand 14.00125 GHz
Telecommand 14.499 GHz (omni mode)
Telemetry 12.494 and 12.495 GHz

Channels for Broadcasting Satellite Service as defined in the Radio Regulations, appendix S30/S30A: 4, 8, 12, 16 and 20

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