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 10 December 2007 from the Permanent Mission of Australia to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of Australia to the United Nations (Vienna) presents its compliments to the Secretary-General of the United Nations and has the honour to transmit, in accordance with article IV of the Convention on Registration of Objects Launched into Outer Space (General Assembly resolution 3235 (XXIX), annex), information concerning the Optus D2 satellite launched by the Government of Australia in October 2007 (see annex).
### Annex

**Registration data on a space object launched by Australia***

**Optus D2 satellite**

**Name of launching State or States:**
- In accordance with article 1, paragraph (a) (i): Australia
- In accordance with article 1, paragraph (a) (ii): France

**Appropriate designator of space object or its registration number:** Optus D2

**Date and territory or location of launch:**
- Launch date: 5 October 2007 at 2202 hours UTC
- Launch location: Guiana Space Centre, Kourou, French Guiana

**Basic orbital parameters:**
- **Nodal period:** Since the satellite is in geostationary orbit, the concept of a “nodal period” is not applicable. However, the orbital period is approximately 86,166 seconds.
- **Inclination:** $0.0 \pm 0.05$ degrees
- **Apogee:** 35,780 kilometres
- **Perigee:** 35,780 kilometres
- **Longitude:** $152 \pm 0.05$ degrees East

**General function of the space object:** Commercial telecommunications in Australia, New Zealand, nearby islands and parts of the Antarctic

---

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