

1 February 2012

English only

**Committee on the Peaceful
Uses of Outer Space**
Scientific and Technical Subcommittee
Forty-ninth session
Vienna, 6-17 February 2012
Item 15 of the provisional agenda*

**Report of the International Telecommunication Union (ITU)
on the use of the geostationary satellite orbit (GSO) and
other orbits**

I. Note by the Secretariat

1. At its forty-fifth session, in 2008, the Scientific and Technical Subcommittee of the United Nations Committee on the Peaceful Uses of Outer Space (see A/AC.105/911, para. 184) invited the International Telecommunication Union to make a report concerning its contribution to the peaceful uses of outer space, including the use of the geostationary satellite orbit (GSO) and other orbits.
2. In response to that invitation the Secretariat has received the ITU Radiocommunication Bureau (BR) 2011 Annual Space Report to STS-12 on the use of the geostationary satellite orbit (GSO) and other orbits. The full report consists of five Annexes (100 pages). The documents referred to in Annexes 1 through 5 of this report may be downloaded from the BR webpage at: www.itu.int/ITU-R/space/snl/report/.

* A/AC.105/C.1/L.310. Item 15. "Examination of the physical nature and technical attributes of the geostationary orbit and its utilization and applications, including in the field of space communications, as well as other questions relating to developments in space communications, taking particular account of the needs and interests of developing countries, without prejudice to the role of the International Telecommunication Union".



INTERNATIONAL TELECOMMUNICATION UNION

Radiocommunication Bureau

ITU Radiocommunication Bureau (BR) 2011 Annual Space Report to the STS-12 on the use of the geostationary-satellite orbit (GSO) and other orbits

In the **report of the 45th session of the Scientific and Technical Subcommittee (STS) of COPUOS** (11-22.02.2008), § **184** - *the subcommittee invited ITU to make further reports concerning its contribution to the peaceful uses of outer space, including the use of the geostationary-satellite orbit (GSO) and other orbits.*

Accordingly, please find attached:

ANNEX 1A – List of geostationary space networks for which information has been communicated to the ITU Radiocommunication Bureau **up to 31.12.2011** in application of the provisions of Article 9 (Advance Publication Information - A or Coordination Request - C) and/or Article 11 (Notification - N) of the Radio Regulations.

ANNEX 1B – List of non-geostationary space networks for which information has been communicated to the ITU Radiocommunication Bureau **up to 31.12.2011** in application of the provisions of Article 9 (Advance Publication Information - A or Coordination Request - C) and/or Article 11 (Notification - N) of the Radio Regulations.

ANNEX 2 – Appendices 30 & 30A of the Radio Regulations - List of geostationary-satellite networks in the Broadcasting-Satellite Service (BSS) and its associated feeder links communicated and published in application of the provisions of Article 4 of Appendices 30 and 30A.

ANNEX 3 – Appendix 30B of the Radio Regulations - List of geostationary-satellite networks in the Fixed-Satellite Service (FSS) communicated and published in application of the provisions of Articles 6 and 7 of Appendix 30B.

ANNEX 4 – Statistics.

ANNEX 5 – Description of the columns in the list.

The ITU BR Annual Space Report to STS-12 on the use of the geostationary-satellite orbit (GSO) and other orbits is available in six languages of the Union in PDF or CSV spreadsheet format ([Annex 1 only](#)) and may be downloaded from the BR webpage at: <http://www.itu.int/ITU-R/space/snl/report/>

For more information about the *status* of any network in the list, please see – **Space Networks List (SNL)** online at: <http://www.itu.int/ITU-R/space/snl/>

For more information about the *description* of the space database and related parts and special sections, please see the **Space Preface** at: <http://www.itu.int/ITU-R/go/space/preface/en>