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Proposed programme budget for the biennium 2012-2013*

Part II Political affairs

Section 6 Peaceful uses of outer space

(Programme 5 of the strategic framework for the period 2012-2013)**

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* A summary of the approved programme budget will subsequently be issued as *Official Records of the General Assembly, Sixty-sixth Session, Supplement No. 6 (A/66/6/Add.1)*.

** *Official Records of the General Assembly, Sixty-fifth Session, Supplement No. 6 (A/65/6/Rev.1)*.



Overview

Table 6.1 **Estimates of expenditure**

Proposal submitted by the Secretary-General	\$8,071,400 ^a
Revised appropriation for 2010-2011	\$8,023,000
^a At 2010-2011 rates.	

Table 6.2 **Proposed staffing resources**

<i>Posts</i>	<i>Number</i>	<i>Level</i>
<i>Regular budget</i>		
Proposed for the biennium 2012-2013	24	1 D-2, 1 D-1, 2 P-5, 8 P-4, 4 P-3, 3 P-2/1, 5 GS (OL)
Approved for the biennium 2010-2011	24	1 D-2, 1 D-1, 2 P-5, 8 P-4, 4 P-3, 3 P-2/1, 5 GS (OL)

Abbreviations: GS (OL), General Service (Other level).

- 6.1 The overall purpose of the programme is the promotion of international cooperation in the peaceful uses of outer space for economic, social and scientific development, in particular for the benefit of developing countries. The legislative authority and direction of the programme is drawn from relevant General Assembly resolutions and the decisions of the Committee on the Peaceful Uses of Outer Space, which was established in 1959 by the Assembly in its resolution 1472 A (XIV).
- 6.2 Recommendations of particular relevance to the work to be undertaken under this programme are contained in General Assembly resolutions 54/68, 59/2, 59/115, 61/110, 61/111, 62/101, 62/217 and 64/86.
- 6.3 The Committee's Plan of Action to further implement the recommendations of the Third United Nations Conference on the Exploration and Peaceful Uses of Outer Space (UNISPACE III), contained in the resolution entitled "The Space Millennium: Vienna Declaration on Space and Human Development" and endorsed by the General Assembly in its resolution 54/68, is contained in its related report (A/59/174). The Plan of Action, which was endorsed by the Assembly in its resolution 59/2, constitutes a long-term strategy for enhancing mechanisms at the national, regional and global levels for developing and strengthening the use of space science and technology and their applications. In implementing that strategy, the Committee will provide a bridge between users and potential providers of space-based development and services and will take advantage of partnerships established between its secretariat, Member States, intergovernmental organizations and international non-governmental organizations.
- 6.4 In its resolution 61/110, the General Assembly established the United Nations Platform for Space-based Information for Disaster Management and Emergency Response (UN-SPIDER) to provide universal access to all types of space-based information and services relevant to disaster management to support the full disaster management cycle. UN-SPIDER serves as a gateway to space-based information for disaster management support, a bridge to connect the disaster management and space communities and a facilitator of capacity-building and institutional strengthening, in particular for developing countries.
- 6.5 The General Assembly, in its resolution 61/111, noted with appreciation the establishment of the International Committee on Global Navigation Satellite Systems. The International Committee

promotes cooperation, as appropriate, on matters of mutual interest related to civil satellite-based positioning, navigation, timing and value-added services. By its resolution 64/86, the General Assembly welcomed the progress made by the International Committee and endorsed the recommendation of the Committee on the Peaceful Uses of Outer Space that the Office for Outer Space Affairs of the Secretariat should continue to serve as the executive secretariat of the International Committee and its Providers' Forum.

- 6.6 The actions of the Committee on the Peaceful Uses of Outer Space aimed at strengthening the international legal regime governing outer space resulted in the adoption by the General Assembly of resolutions 59/115 and 62/101. Those resolutions, which aim at facilitating adherence to and the application of the provisions of the United Nations treaties on outer space, in particular the Convention on International Liability for Damage Caused by Space Objects and the Convention on Registration of Objects Launched into Outer Space, contain recommendations on the application of the concept of the "launching State" and on enhancing the practice of States and intergovernmental organizations in registering space objects. The programme will further support the Committee's efforts by taking action to assist States in building or enhancing their capacity in space law.
- 6.7 In its resolution 62/217, the General Assembly endorsed the Space Debris Mitigation Guidelines of the Committee on the Peaceful Uses of Outer Space (A/62/20, paras. 117 and 118 and annex). The Guidelines, to be implemented on a voluntary basis, reflect the existing practices of a number of national and international organizations. By its resolution 64/86, the General Assembly welcomed the Safety Framework for Nuclear Power Source Applications in Outer Space (A/AC.105/934), adopted by the Scientific and Technical Subcommittee and endorsed by the Committee on the Peaceful Uses of Outer Space. The Safety Framework, developed in cooperation with the International Atomic Energy Agency, promotes the safe use of nuclear power sources in outer space.
- 6.8 The implementation of the programme will continue to strengthen efforts at the national, regional and global levels, including among entities of the United Nations system and international space-related entities, to maximize the benefits of the use of space science and technology and their applications.
- 6.9 The programme continues to participate actively in the Inter-Agency Meeting on Outer Space Activities, which has served as the focal point for inter-agency coordination and cooperation in space-related activities since 1975, with the aim of promoting inter-agency coordination and cooperation and preventing duplication of efforts related to the use of space applications by the United Nations. The Office for Outer Space Affairs serves as secretariat of the Inter-Agency Meeting. The General Assembly, in its resolution 65/97, welcomed the increased efforts to strengthen further the Inter-Agency Meeting on Outer Space Activities, noting with satisfaction that the open informal meetings, held in conjunction with the annual sessions of the Inter-Agency Meeting on Outer Space Activities, provide a constructive mechanism for an active dialogue between the entities of the United Nations system and Member States, and encouraged entities of the United Nations system to participate fully in the work of the Inter-Agency Meeting. To this effect, the Office for Outer Space Affairs continues to work closely with other United Nations entities to prepare the report of the Secretary-General on the coordination of space-related activities within the United Nations system. In the latest report compiled by the Office for Outer Space Affairs (A/AC.105/961) of 6 April 2010 on the coordination of space-related activities within the United Nations system: directions and anticipated results for the period 2010-2011, submissions were received from 15 entities, including the Department of Peacekeeping Operations, the Department of Field Support, the secretariat of the United Nations Framework Convention on Climate Change, the United Nations Environment Programme (UNEP), the United Nations Office on Drugs and Crime (UNODC), the Economic Commission for Africa (ECA), the Economic

Commission for Europe (ECE), the Office of the United Nations High Commissioner for Refugees (UNHCR), the United Nations Institute for Training and Research (UNITAR), the International Atomic Energy Agency (IAEA), the International Civil Aviation Organization (ICAO), the International Telecommunication Union (ITU), the United Nations Educational, Scientific and Cultural Organization (UNESCO), the World Health Organization (WHO) and the World Meteorological Organization (WMO). As reflected in expected accomplishment (c) of the present report, the programme will continue to increase coherence and synergy in the space-related work of entities of the United Nations system and international space-related entities in using space science and technology and their applications as tools to advance human development and increase overall capacity development.

- 6.10 Having reviewed its operations, the Office intends to consolidate the Space Applications Section and the UN-SPIDER programme. The proposed consolidation will streamline operations, eliminate duplicative processes that transcend both sections, and allow the programme to deliver its mandate in a more cost-effective and efficient manner as described in detail in paragraphs 6.22 to 6.25 below.
- 6.11 The objective, expected accomplishments and indicators of achievement of the programme for the biennium 2012-2013, together with their corresponding baselines and targets, are set out in detail together with resources under “Programme of work” below. The programme’s outputs for the biennium 2012-2013 are reflected in paragraph 6.20 below.

Table 6.3 **Summary of publications**

<i>Publications</i>	<i>2008-2009 actual</i>	<i>2010-2011 estimate</i>	<i>2012-2013 estimate</i>
Recurrent	4	7	9
Non-recurrent	5	1	3
Total	9	8	12

- 6.12 In 2012-2013, the Office for Outer Space Affairs will publish the majority of its publications in electronic format only, including CD-ROMs, and will limit the publication of printed copies to service intergovernmental meeting needs. The CD-ROMs enable the Office to disseminate related documents, in the respective available languages, in a single format that would be both lightweight and more cost-effective. In addition to the publications referred to in table 6.3, the Office will produce a number of public outreach materials, such as posters, pamphlets and brochures, to promote the work of the Committee and the benefits of using space science and technology and their applications.
- 6.13 The overall level of resources for the biennium 2012-2013 for this section amounts to \$8,071,400 before recosting, reflecting an increase of \$48,400 (0.6 per cent). The increase relates to increased requirements for general operating expenditures resulting from the increase in rates for service-level agreements, the acquisition of software packages, and replacement of equipment, some of which was acquired in 2005 and has been in operation beyond its useful life.
- 6.14 During the biennium 2012-2013, projected extrabudgetary resources from voluntary contributions amounting to \$2,013,000 would complement resources from the regular budget to finance various activities, such as technical advisory services, training, workshops, seminars, field projects, publications, preparation and distribution of booklets, organization of special events as well as enhancement of the International Space Information Service. The increase in the level of extrabudgetary resources relates mainly to commitments received from donor governments in

support of the UN-SPIDER programme, setting up of the Office in China in 2011, and activities of the International Committee on Global Navigation Satellite Systems.

- 6.15 The Office receives both cash and in kind contributions to carry out several of its major activities; those contributions continue to play a primary role in the Office's capacity to deliver programme objectives and accomplishments, particularly with respect to its training and capacity-building activities, where such contributions constitute as much as two thirds of the total cost of these activities. In kind resources are provided primarily by host countries and institutions for workshops, seminars and training courses organized under the United Nations Programme on Space Applications and UN-SPIDER, and for the International Committee on Global Navigation Satellite Systems. In kind contributions cover a wide range of services critical to such activities, such as the provision of staff resources, office space, facilities and equipment, meeting facilities and local logistical and transportation needs, as well as various combinations of costs involved in interpretation services, when required, and room and board for participants from developing countries. Many governments and institutions also actively support the activities by providing the services of the experts and specialists in specific training areas free of charge, as the costs associated with travel, accommodation and time released from their duties are covered entirely by the respective institutions. The voluntary cash contributions, together with the regular budget of the Office, will cover international travel of participants in workshops, training courses and meetings of experts as well as local expenses of the participants not covered by the host countries. Cash and in kind contributions are also used to provide seed money for activities undertaken as a result of the capacity-building and training activities and, occasionally, to obtain consultant services in order to augment the expertise of the Office in providing technical advisory services requested by Governments to enhance their own capacity in developing space policy, legislation or technical expertise. Through other in kind contributions, space-related institutions provide, at no cost to the United Nations, the travel and living expenses of their experts to share their expertise at activities organized by the Office. The continued availability of extrabudgetary resources will have a large impact on the Office's ability to provide the expected current level and range of capacity-building opportunities to developing countries.
- 6.16 Pursuant to General Assembly resolution 58/269, resources identified for the conduct of monitoring and evaluation for this section would amount to \$437,400 (36 work-months), representing 32.5 work-months of staff in the Professional category and 3.5 work-months of staff in the General Service category. The requirements will provide for discretionary self-evaluation of the Office's activities under the Programme Management Group of the Office for Outer Space Affairs that is expected to be conducted every quarter on a thematic level and will cover the main programme responsibilities of the Office. Requirements will also provide for mandatory self-assessment involving measurement of whether the programme is on track in achieving the results expected as proposed in the context of the logical frameworks approved for 2012-2013.
- 6.17 The impact of internal evaluations has resulted in the implementation of practical measures by the Office to improve the management and reporting of programme performance. The Office for Outer Space Affairs has developed a number of other tools to monitor progress and evaluate programme delivery including: (a) questionnaires to recipients of Office services and deliverables; (b) regular meetings on programme performance, both at the section and senior management level; and (c) the sharing of lessons learned as a part of monthly staff meetings of the Office. Through this process, the Office is able to routinely identify areas for improvement, seek mechanisms to overcome practical challenges and at the same time develop tools and share ideas on how to improve performance from a substantive and administrative point of view.

Table 6.4 **Resource requirements by component and source of funds**

(Thousands of United States dollars)

(1) *Regular budget*

Component	2008-2009 expenditure	2010-2011 appropriation	Resource growth		Total before recosting	Recosting	2012-201 estimate
			Amount	Percentage			
Programme of work	7 902.7	8 023.0	48.4	0.6	8 071.4	20.8	8 092.2
Subtotal	7 902.7	8 023.0	48.4	0.6	8 071.4	20.8	8 092.2

(2) *Extrabudgetary*

	2008-2009 expenditure	2010-2011 estimate	2012-2013 estimate
Subtotal	1 169.1	1 887.0	2 013.0
Total (1) and (2)	9 071.8	9 910.0	10 105.2

Table 6.5 **Post requirements**

Category	Established regular budget posts		Temporary posts				Total	
	2010- 2011	2012- 2013	Regular budget		Extrabudgetary (Voluntary)		2010- 2011	2012- 2013
			2010- 2011	2012- 2013	2010- 2011	2012- 2013		
Professional and above								
D-2	1	1	—	—	—	—	1	1
D-1	1	1	—	—	—	—	1	1
P-5	2	2	—	—	—	—	2	2
P-4/3	12	12	—	—	—	—	12	12
P-2/1	3	3	—	—	—	—	3	3
Subtotal	19	19	—	—	—	—	19	19
General Service								
Other level	5	5	—	—	—	—	5	5
Subtotal	5	5	—	—	—	—	5	5
Total	24	24	—	—	—	—	24	24

Programme of work**Resource requirements (before recosting): \$8,071,400**

- 6.18 Substantive responsibility for this programme is vested within the Office for Outer Space Affairs. The programme will be implemented in accordance with the strategy detailed under programme 5, Peaceful uses of outer space, of the strategic framework for the period 2012-2013.

Table 6.6 **Objectives for the biennium, expected accomplishments, indicators of achievement and performance measures**

Objective of the Organization: To further strengthen international cooperation among Member States and international entities in the conduct of space activities for peaceful purposes and the use of space science and technology and their applications towards achieving internationally agreed sustainable development goals

Expected accomplishments of the Secretariat	Indicators of achievement
(a) Greater understanding, acceptance and implementation by the international community of the legal regime established by the United Nations to govern outer space activities	<p>(a) (i) Increased number of States and intergovernmental organizations having adhered to and/or taken action to implement the United Nations treaties and principles on outer space and related resolutions</p> <p><i>Performance measures (number of regulations, laws, ratifications and notifications of treaties undertaken by States)</i></p> <p>2008-2009: 29 actions</p> <p>Estimate 2010-2011: 33 actions</p> <p>Target 2012-2013: 37 actions</p> <p>(ii) Increased number of countries receiving support to build or enhance their capacity in space law</p> <p><i>Performance measures</i></p> <p>2008-2009: 30 countries receiving support</p> <p>Estimate 2010-2011: 33 countries receiving support</p> <p>Target 2012-2013: 38 countries receiving support</p>
(b) Strengthened capacities of countries in using space science and technology and their applications in areas related, in particular, to sustainable development	<p>(b) (i) Increased number of countries receiving training in space science and technology and their applications</p> <p><i>Performance measures (number of countries receiving training)</i></p> <p>2008-2009: 43 countries</p> <p>Estimate 2010-2011: 45 countries</p> <p>Target 2012-2013: 47 countries</p>

(ii) Increased number of countries using space science, technology and their applications

Performance measures

2008-2009: 90 countries

Estimate 2010-2011: 95 countries

Target 2012-2013: 100 countries

(c) Increased coherence and synergy in the space-related work of entities of the United Nations system and international space-related entities in using space science and technology and their applications as tools to advance human development and increase overall capacity development

(c) Increased number of partnerships and/or synergies with United Nations system organizations, space-related entities and industry to promote awareness, strengthen capacity and use space science and technology and their applications

Performance measures

2008-2009: 13 partnerships and/or synergies

Estimate 2010-2011: 15 partnerships and/or synergies

Target 2012-2013: 17 partnerships and/or synergies

(d) Greater understanding, acceptance and commitment by countries and relevant international and regional organizations regarding ways of accessing and developing the capacity to use all types of space-based information to support the full disaster management cycle

(d) (i) Increased number of countries requesting and receiving systematic and continuous technical advisory assistance for using space-based solutions in disaster management plans and policies and in the implementation of risk reduction activities

Performance measures

2008-2009: 13 countries

Estimate 2010-2011: 23 countries

Target 2012-2013: 25 countries

(ii) Increased number of emergency response communities using space-based information

Performance measures

2008-2009: 3 communities

Estimate 2010-2011: 5 communities

Target 2012-2013: 7 communities

(e) Greater understanding and use of Global Navigation Satellite Systems applications in supporting sustainable development goals

(e) (i) Increased number of States and entities participating in improving access to space-based positioning, navigation and timing services

Performance measures

2008-2009: 9 States and entities

Estimate 2010-2011: 12 States and entities

Target 2012-2013: 15 States and entities

(ii) Increased number of States using space-based positioning, navigation and timing services

Performance measures

2008-2009: 41 States

Estimate 2010-2011: 46 States

Target 2012-2013: 51 States

External factors

- 6.19 The programme is expected to achieve its objectives and expected accomplishments on the assumption that:
- (a) Member States will be willing and/or able to implement the relevant recommendations, resolutions and decisions and complete the related necessary actions during the biennium;
 - (b) Stakeholders, in particular those with space capabilities, will continue to make major policy decisions that enable their active participation and/or provision of the necessary resources to promote the use of space science and technology and their applications;
 - (c) Stakeholders will support the Organization and actively participate in the proceedings of the intergovernmental bodies serviced by the Office;
 - (d) There will be no major shortfall as regards human resources and/or funding of the programme of work that would affect the delivery of services.

Outputs

- 6.20 During the biennium 2012-2013, the following final outputs will be delivered:
- (a) Servicing of intergovernmental and expert bodies:
 - (i) General Assembly (regular budget):
 - a. Substantive servicing of meetings: meetings of the Fourth Committee of the General Assembly on the agenda item entitled "International cooperation in the peaceful uses of outer space" (6); organization of interactive panels in the General Assembly on the exploration and peaceful uses of outer space (2); and provision of substantive secretariat services to the Working Group of the Whole on space-related agenda items of the Fourth Committee (6);

- b. Parliamentary documentation: reports of the Committee on the Peaceful Uses of Outer Space on the work of its fifty-fifth and fifty-sixth sessions (2);
- (ii) Committee on the Peaceful Uses of Outer Space (regular budget):
 - a. Substantive servicing of meetings: plenary meetings of the Committee (32);
 - b. Parliamentary documentation: annual report of the Inter-Agency Meeting on Outer Space Activities (2); conference room papers for the Committee on the Peaceful Uses of Outer Space (1); other documents prepared for scheduled meetings — Committee on the Peaceful Uses of Outer Space (4); report of the Legal Subcommittee of the Committee on the Peaceful Uses of Outer Space on the work of its fifty-first and fifty-second sessions (2); report of the Scientific and Technical Subcommittee of the Committee on the Peaceful Uses of Outer Space on the work of its forty-ninth and fiftieth sessions (2); and report on the coordination of outer space activities within the United Nations system (1);
- (iii) Scientific and Technical Subcommittee (regular budget):
 - a. Substantive servicing of meetings: provision of assistance to the International Astronautical Federation (IAF) in the organization of a symposium on space applications during the 2013 session of the Subcommittee (1); organization of an industry symposium during the forty-ninth session of the Subcommittee (1); and provision of substantive secretariat services to the plenary and working groups of the Subcommittee (60);
 - b. Parliamentary documentation: background papers, studies, reports and other documents relating to the agenda items of the Scientific and Technical Subcommittee (14); conference room papers — Scientific and Technical Subcommittee (1); report of the United Nations Expert on Space Applications (2); report of the annual meeting of the International Committee on Global Navigation Satellite Systems (ICG) organized by the ICG executive secretariat (2); report on the plan of work carried out by the United Nations Platform for Space-based Information for Disaster Management and Emergency Response (UN-SPIDER) for the biennium 2014-2015 (1); report on the programme of work implemented under the United Nations Platform for Space-based Information for Disaster Management and Emergency Response (UN-SPIDER) (2); report on the technical advisory support and activities carried out in the framework of the workplan of the International Committee on Global Navigation Satellite Systems (ICG) implemented through the ICG executive secretariat (2); report on the technical advisory support provided under the United Nations Platform for Space-based Information for Disaster Management and Emergency Response (UN-SPIDER) (2); reports of workshops, training courses, symposiums, conferences and seminars organized within the framework of the programme of work of the Office (12); and special report on a space-related topic decided on by the Inter-Agency Meeting on Outer Space Activities (1);
- (iv) Legal Subcommittee (regular budget):
 - a. Substantive servicing of meetings: provision of assistance to the International Institute of Space Law/European Centre for Space Law in the organization of a symposium on space law during the fifty-first and fifty-second sessions of the Subcommittee (2); and plenary and working groups of the Subcommittee (52);

- b. Parliamentary documentation: background papers, legal studies, reports and other documents relating to the agenda items of the Legal Subcommittee (6); conference room papers (1); and reports on workshops, training courses, symposiums, conferences and seminars organized on the legal aspects of space activities (2);
 - (v) Substantive servicing of meetings (regular budget): provision of substantive secretariat services to the plenary and working groups of the International Committee on Global Navigation Satellite Systems (ICG) and its Providers' Forum (18); and the Working Group of ICG on Information Dissemination and Capacity Building (1);
 - (vi) Depository services (regular budget): dissemination of information furnished to Member States in accordance with the United Nations Treaty on Principles Governing the Activities of States in the Exploration and Use of Outer Space, including the Moon and Other Celestial Bodies, the Agreement on the Rescue of Astronauts, the Return of Astronauts and the Return of Objects Launched into Outer Space, and the Principles Relevant to the Use of Nuclear Power Sources in Outer Space (1); and maintenance of a public register and database of information furnished to Member States in the A/AC.105/INF and ST/SG/SER.E series of documents in accordance with the United Nations Convention on Registration of Objects Launched into Outer Space (1);
- (b) Other substantive activities:
- (i) Recurrent publications (regular budget/extrabudgetary): *Proceedings of the activities of the Office for Outer Space Affairs relating to space law (2); Proceedings of the activities of the Office for Outer Space Affairs relating to space-based information and disaster management (1); Space Solutions for the World's Problems: How the United Nations family is using space technology for achieving development goals (1); United Nations Education Curricula on Space Sciences, Technology, Navigation and Space Law (1); United Nations Treaties and Principles on Outer Space and Related General Assembly Resolutions (2); and Update of the status of the "United Nations Treaties and Principles on Outer Space and Related General Assembly Resolutions" (2);*
 - (ii) Non-recurrent publications: *Basic Space Technology Initiative (1); Human Space Technology Initiative (1); and International Committee on Global Navigation Satellite Systems (ICG) (1);*
 - (iii) Fact-finding missions: participation in meetings of intergovernmental organizations and space-related non-governmental entities addressing space-related issues (10);
 - (iv) Exhibits, guided tours, lectures (regular budget/extrabudgetary): maintenance of the permanent exhibit on the benefits of space technology for improving life on Earth and for protecting the environment (1); presentations to Member States, intergovernmental organizations and non-governmental entities on the work of the United Nations in outer space activities (1); and short-term exhibits showcasing the benefits of space-related activities (1);
 - (v) Booklets, fact sheets, wallcharts, information kits: promotional, educational and information materials relating to United Nations space activities and the work of the Office (1) ;
 - (vi) Press releases, press conferences: preparation of press releases and organization of press conferences (1);
 - (vii) Special events: organization and coordination of special events to celebrate achievements and other anniversaries relating to outer space (1);

- (viii) Technical material (regular budget/extrabudgetary): facilitation of deployment of instrument arrays in the framework of the International Space Weather Initiative, including supporting their operation with technical and other information materials (1); maintenance of the International Space Information Service, encompassing the website of the Office for Outer Space Affairs and databases on various subjects relating to space science and technology and space law, including dissemination of CD-ROMs with educational material on space science and technology and space law (1); maintenance of the website of the International Committee on Global Navigation Satellite Systems information portal (1); maintenance of the website of the UN-SPIDER knowledge portal (1); and provision of information, reference and other library services to Member States, other United Nations offices, other organizations of the United Nations system, intergovernmental and non-governmental organizations as well as the general public (1);
 - (ix) Humanitarian missions (regular budget/extrabudgetary): provision access to space-based information to support emergency and humanitarian response by means of the SpaceAid Framework, including provision of a 24-hour, 7 days-a-week hotline (1);
 - (x) Seminars for outside users (regular budget/extrabudgetary): participation in meetings of intergovernmental organizations and space-related non-governmental entities addressing space-related issues (10);
 - (xi) Substantive servicing of inter-agency meetings (regular budget): annual open forum for the exchange of information between members of the Committee and representatives of entities of the United Nations system (2); and annual Inter-Agency Meeting on Outer Space Activities (2);
- (c) Technical cooperation (regular budget/extrabudgetary):
- (i) Advisory services:
 - a. Provision of assistance, upon request, to Member States, regional and intergovernmental and non-governmental organizations to support national and regional actions, programmes and projects relating to space law, space policy and space science and technology and their applications (1);
 - b. Provision of technical advisory assistance, upon request, to Member States for using space-based solutions in disaster management plans and policies and in the implementation of risk reduction activities (1);
 - c. Provision of technical assistance and nominal financial assistance to Regional Centres for Space Science and Technology Education (affiliated to the United Nations), including their governing boards and advisory committees, to support their education, training and operation activities and the operation of the Regional Centres for Space Science and Technology Education affiliated to the United Nations (8);
 - (ii) Training courses, seminars and workshops:
 - a. International meeting of experts including representatives of the UN-SPIDER national and regional support offices and other entities of the United Nations system, ongoing and planned international and regional initiatives, disaster managers and experts on the use of space technology in disaster management to review activities in the field and to agree on future directions (2);

- b. Regional workshops/meetings of experts in various regions of the world for disaster managers and experts on the use of space technology in disaster management and emergency response (2);
 - c. Workshops, seminars and meetings of experts on legal aspects of space activities (2);
 - d. Workshops, seminars, training courses and meetings of experts for participants from developing countries, in particular professional women, on the priority thematic areas of the United Nations Programme on Space Applications (12);
- (iii) Fellowships and grants:
- a. Administration of long-term international fellowships in the field of space science and technology offered by Member States and space-related intergovernmental organizations and non-governmental organizations (12);
 - b. Support for incorporating gender perspectives in the programmed activities of the Office (4);
 - c. Support for implementation of follow-up actions, in particular in developing countries, resulting from capacity-building activities of the Office, including, as appropriate, nominal financial support (1);
 - d. Support for participation of professionals from developing countries in selected activities organized to promote the use of Global Navigation Satellite Systems applications (1);
- (d) Conference services, administration, oversight (regular budget):
- (i) Human resources management: planning, administration and management of the Office's human resources (1);
 - (ii) Programme planning, budget, accounts: planning of the Office's programme and budget, its implementation (long-term and short-term), monitoring its performance and preparing the related documentation (1).

Table 6.7 **Resource requirements: programme of work**

Category	Resources (thousands of United States dollars)		Posts	
	2010-2011	2012-2013 (before recosting)	2010-2011	2012-2013
Regular budget				
Post	6 833.2	6 833.2	24	24
Non-post	1 189.8	1 238.2	—	—
Subtotal	8 023.0	8 071.4	24	24
Extrabudgetary	1 887.0	2 013.0	—	—
Total	9 910.0	10 084.4	24	24

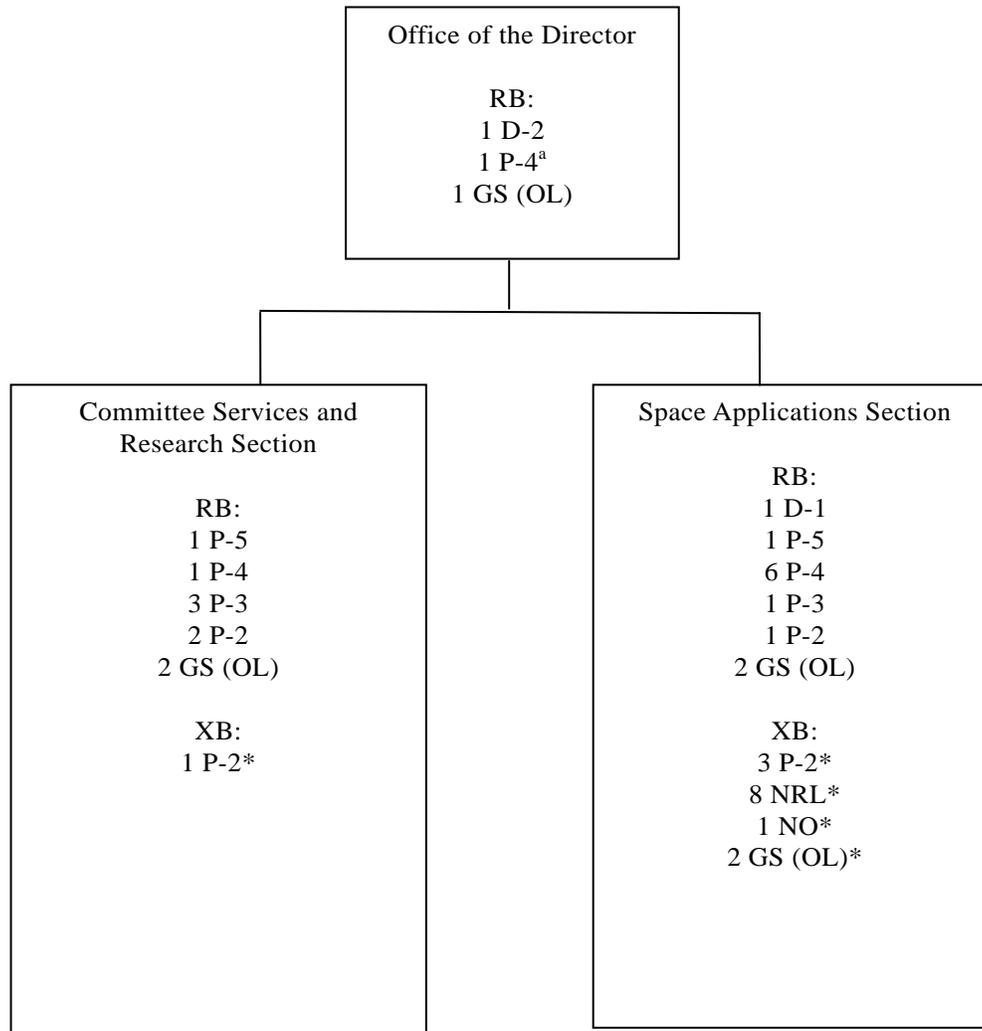
- 6.21 The overall level of resources for the biennium 2012-2013 for this section amounts to \$8,071,400, which would provide for the continuation of 24 posts and related non-post resources. The increase of \$48,400 relates mainly to increased requirements under general operating expenditures resulting

from the increased service-level agreement rate, and under furniture and equipment resulting from the upgrade of software packages and replacement of equipment, some of which was acquired in 2005, and has exceeded the standard replacement cycle of four years.

- 6.22 The Office has undertaken a review of its existing organizational structure and during 2011 it consolidated the Space Applications Section and the UN-SPIDER programme, in line with a recommendation of the Office of Internal Oversight Services that a review be undertaken to, inter alia, assess the merits of consolidating the United Nations Platform for Space-based Information for Disaster Management and Emergency Response (UN-SPIDER) programme and the Space Applications Section and strengthening the Committee Services and Research Section.
- 6.23 The Space Applications Section organizes and carries out the United Nations Programme on Space Applications that emphasizes the promotion of international and regional cooperation in the uses of space science and technology for economic and social development, including disseminating information and providing training in the practical applications of space technology, in particular for developing countries, including providing guidance and support to the long-term activities of the Regional Centres for Space Science and Technology Education (affiliated to the United Nations). The Section is headed by a Chief at the D-1 level and is comprised of one P-5, three P-4, one P-3, one P-2 and two General Service (Other level) posts.
- 6.24 The UN-SPIDER programme was established pursuant to General Assembly resolution 61/110 to provide universal access to all types of space-based information and services relevant to disaster management to support the full disaster management cycle, serving as a bridge to connect the disaster management and space communities and being a facilitator of capacity-building and institutional strengthening, in particular for developing countries. The programme consists of four regular budget posts at the P-4 level, including a Programme Coordinator and nine extrabudgetary positions loaned on a non-reimbursable basis from Germany, Austria, the German Aerospace Center, the Turksat Aerospace Center, the National Disaster Reduction Center of China and the China National Space Administration. From a management perspective, having a P-4 coordinating three other posts at the same level is not sound management practice and based on lessons learned and the review and consolidation, this has been resolved with a P-5 level post that would lead, coordinate and oversee the programme and other staff at the various offices in Beijing, Bonn and Vienna.
- 6.25 The proposed consolidation of the Space Applications Section and the UN-SPIDER programme will result in an integrated concerted approach towards planning and organizing activities related to issues that transcend both units, such as climate change, telehealth, search and rescue, and water. The new section will be headed by a Chief at the D-1 level who will develop and plan the objectives of the Programme on Space Applications and the UN-SPIDER programme, including UN-SPIDER Regional Support Offices and United Nations-affiliated Regional Centres for Space Science and Technology Education. The proposed merger would provide a P-5 level post that would lead, coordinate and oversee the programme and other staff at the various offices in Beijing, Bonn and Vienna, and allow for the streamlining of functions related to programme evaluation and monitoring, programme performance reporting, budget planning, control and analysis and human resource planning in the new section. As a result, one Programme Officer post at the P-4 level will be redeployed to the Office of the Director to assist the Director in the management of the programme.
- 6.26 Estimated extrabudgetary resources for 2012-2013 total \$2,013,000, an increase of \$126,000 from the estimated amount of \$1,887,000 for 2010-2011. Net increased requirements are foreseen for non-post requirements for the purposes already reflected in paragraphs 6.14 and 6.15.

Office for Outer Space Affairs

Organizational structure and post distribution for the biennium 2012-2013



Abbreviations: GS (OL), General Service (Other level); NO, National Officer; NRL, Non-reimbursable loans; RB, regular budget; and XB, extrabudgetary (voluntary).

* Extrabudgetary positions are non-reimbursable loans from Germany, Austria, the German Aerospace Center, the Turksat Aerospace Center, the National Disaster Reduction Center of China and the China National Space Administration.

^a Redeployment from UN-SPIDER following consolidation of the Space Applications Section and UN-SPIDER.

Annex

Outputs produced in 2010-2011 not to be carried out in the biennium 2012-2013

<i>A/64/6 (Sect. 6), paragraph</i>	<i>Output</i>	<i>Quantity</i>	<i>Reason for discontinuation</i>
6.14 (a) (iii) a.	Provision of assistance to the Committee on Space Research (COSPAR) in the organization of a symposium on space applications during the forty-eighth session of the Subcommittee	1	The output is covered under paragraph 6.20 (a) (iii) a. of the present report
6.14 (a) (iii) a.	Provision of assistance to the chairmen of the active action teams established by COSPAR to implement recommendations of UNISPACE III	1	Only two action teams remain officially active on Public Health and on Near-Earth Objects. The support provided by the Office to the relevant chairmen takes place in the margins of the annual meeting of the Scientific and Technical Subcommittee, the annual meetings of the Committee on the Peaceful Uses of Outer Space, as well as other activities/events organized by the Office (under advisory services)
6.14 (a) (iii) a.	Provision of assistance to the follow-up activities specific to the implementation of the recommendations of UNISPACE III	1	The bulk of the activities specific to UNISPACE have been implemented, and those remaining are being addressed in the context of the ongoing intergovernmental work of the Committee in its subsidiary bodies as well as at the national level
6.14 (b) (i)	<i>Highlights in Space: Progress in Space Science, Technology and Applications, International Cooperation and Space Law</i>	2	The recurrent publication will be discontinued, as the information traditionally contained in it is not current by the time it is published. The bulk of information is now easily available through the worldwide web
6.14 (b) (i)	<i>Report on World Space Week</i>	2	The output (the official report/publication) will be discontinued in its current form. The information received will be disseminated as an e-book on the website of the Office

Section 6 Peaceful uses of outer space

<i>A/64/6 (Sect. 6), paragraph</i>	<i>Output</i>	<i>Quantity</i>	<i>Reason for discontinuation</i>
6.14 (b) (i)	<i>Space Matters</i>	1	The publication will remain recurrent, but its production cycle will be 3 to 4 years. Based on the preparation of the first edition, which is expected to be published in 2011, it was noted that information will not change significantly every second year and since the publication is quite costly, the reproduction cycle is being extended for the foreseeable future
6.14 (c) (i) a.	Maintenance of an operational framework, 24 hours a day, 7 days a week, for disseminating information on space-based information, solutions and opportunities for disaster management	1	The output is also covered under paragraph 6.20 (b) (ix) of the present report
6.14 (c) (i) f.	Provision of technical assistance and nominal financial support, as appropriate, in the implementation of follow-up actions, in particular in developing countries, resulting from capacity-building activities of the Office (2)	1	The output is also covered under paragraph 6.20 (c) (iii) c. of the present report
Total		10	