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**Committee on the Peaceful Uses
of Outer Space**

Scientific and Technical Subcommittee

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Agenda item 6

Implementation of the recommendations of UNISPACE III

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**Summary of the actions focused on by the Working Group of the
Whole and status of their implementation**

V.06-51574 (A)



Implementation of the recommendations of UNISPACE III (Ref. A/59/174)

Summary of the actions focused on by the Working Group of the Whole and status of their implementation

<i>Actions</i>	<i>Primary actors</i>	<i>Indicated time for completion</i>	<i>Other information</i>	<i>Status of implementation</i>
2. DEVELOPING COORDINATED, GLOBAL SPACE CAPABILITIES				
(a) Maximizing the benefits of existing space capabilities for disaster management				
<p><i>Paragraph 256</i> Conduct study on possibility of creating an international entity to provide for coordination and means of optimizing effectiveness of space-based services for use in disaster management by fully utilizing existing and planned space- and ground-based assets and infrastructure and covering all phases of disaster management. <i>See also operative paragraph 9 of General Assembly Resolution 59/2</i></p>	<p>Ad hoc expert group, with experts to be provided by interested member States and relevant international organizations, including United Nations system entities in disaster management (para.257)</p> <p>OOSA to coordinate organization of work involved in preparing study; member States to provide support for study through voluntary contributions (para 257)</p>	<p>By 48th session of COPUOS (for COPUOS to consider whether to proceed with implementation plan to be proposed in study)</p>	<p>The study should (a) define the key functions of a possible disaster management international space coordination entity; (b) describe the benefits that it would provide to the disaster management community; (c) define the scope and nature of the entity (for example, intergovernmental or non-governmental); and (d) propose an implementation plan that would include details of the estimated cost of the establishment and operation of such an entity and possible sources of funding (that is, voluntary or assessed contributions), as well as the intended use of the funds. The study should also examine the options of providing sustainable resources for applying space technology in support of disaster management and for building the capacity of civil protection authorities to use space technology. Final report submitted by Action Team provides basis for conducting such a study.</p>	<p><i>Study has been conducted and is before the Subcommittee for consideration.</i></p>

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<p><i>Paragraph 258</i> Make cash or in-kind voluntary contributions for preparation of study <i>See also operative paragraph 10 of General Assembly Resolution 59/2</i></p>	Interested Member States to communicate to OOSA	Before end of 2004 so that the Office could include such contributions in its cost plan for use of Trust Fund resources in 2005	Work on study could commence as soon as sufficient voluntary contributions received. OOSA to communicate to member States date of commencement of work and provide information on organization of work, including list of experts, some of whom may work on a full-time basis at facilities provided by Office or by interested United Nations entity (para. 259)	<i>Twenty-six interested Government and five IGOs and NGOs provided the services of experts to the prepare the study</i>
<p><i>Paragraph 260</i> Report to S&T on status of preparation of study, indicate whether study could be completed in time for submission to Committee at 48th session and level of voluntary contributions received.</p> <p>Submit to S&T for review and approval, draft terms of reference for ad hoc expert group and propose how study might be reviewed by COPUOS and its subsidiary bodies for a decision to be made by COPUOS.</p> <p>Provide further guidance on preparation of study on basis of OOSA report.</p>	<p>OOSA</p> <p>OOSA</p> <p>Scientific and Technical Subcommittee</p>	During 42 nd session of S&T		<p><i>Completed</i></p> <p><i>Completed</i></p> <p><i>Completed</i></p>
<p><i>Paragraph 261</i> Develop case history of benefits of using space technologies for disaster management and establish sample product catalogue.</p> <p>Also study possibility of establishing pages, with use of voluntary contributions, on web site of OOSA for improved access to Earth</p>	<p>Ad hoc expert group</p> <p>Ad hoc expert group, with OOSA</p>	Yet to be specified		<p><i>Underway</i></p> <p><i>Initiated</i></p>

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observation data archives.				
<p><i>Paragraph 262</i> Consider (a) allocating a portion of disaster-management-related budget or funds to using space technology for disaster management; and (b) identifying single points of contact to focus their internal disaster management efforts and to provide liaison with external efforts with respect to use of space technology for disaster management.</p>	Governments and international organizations	Yet to be specified		[...]
<p><i>Paragraph 263</i> Join and strengthen Disaster Charter</p>	Member States with space agencies having remote sensing satellite capabilities	On-going	To provide access to remote sensing data and products to support disaster response activities	<i>Underway; COPUOS has been receiving regular reports from Member States on their efforts/intention to join and strengthen the Charter</i>

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2. DEVELOPING COORDINATED, GLOBAL SPACE CAPABILITIES				
(b) Maximizing the benefits of the use and applications of global navigation satellite systems to support sustainable development				
<p><i>Paragraph 267</i> Establish international committee on GNSS including appropriate international organizations to: (a) optimize compatibility and interoperability; (b) identify mechanisms for implementing measures to protect the reliability and integrity of signals at the national, regional and global levels; (c) coordinate modernization activities to meet user needs; (d) develop road maps for the introduction of GNSS services; and (e) provide training opportunities in GNSS, in particular in developing countries <i>See also operative paragraph 11 of General Assembly Resolution 59/2</i></p> <p>Facilitate exchange of information among users and providers of GNSS, without prejudice to roles and functions of GNSS service providers and intergovernmental organizations such as International Civil Aviation Organization, the International Maritime Organization and ITU.</p>	<p>GNSS and augmentation providers and international organizations and professional associations, e.g. International GPS Service</p> <p>International Committee on GNSS</p>	<p>December 2005</p> <p>Subsequent to establishment of ICG</p>		<p><i>ICG established in December 2005, among interested governments, intergovernmental and non-governmental organizations as an informal entity; two issues on ICG Terms of Reference, and proposals for its programme of work, to be carried out by an ad hoc working group.</i></p>
<p><i>Paragraph 268</i> Develop and maintain a web site to include information, inter alia, on recent application developments, training opportunities and sources for obtaining assistance in integrating GNSS into national infrastructure and in protecting signal reliability and integrity at the national and regional levels</p>	<p>OOSA with GNSS and augmentation providers, or international committee on GNSS if established</p>	<p>Subsequent to establishment of ICG.</p>	<p>OOSA to develop website requirements, consolidate existing websites on OOSA website, consult with international organizations and professional associations</p>	<p><i>Initiated</i></p>

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4. Overarching capacity development				
(c) Enhancing capacity-building in space-related activities				
<p><i>Paragraph 300</i> Further action should be taken (a) to promote the sharing of educational materials and information; (b) to coordinate international activities on capacity-building; (c) to increase assistance to activities of the regional centres for space science and technology education, affiliated to the United Nations; (d) to enhance opportunities for the ongoing exchange of ideas on capacity-building; (e) to facilitate the augmentation of budgetary resources and fellowships; and (f) to prepare and distribute education booklets;</p>	unspecified			
<p><i>Paragraph 301</i> Support initiatives of Working Group on Education, Training and Capacity-Building of CEOS, to develop an Earth observation education and training Internet web portal and provide Earth observation data free of charge or at lowest possible cost for educational purposes.</p>	Member States with OOSA	Yet to be specified	To enhance capacity of developing countries in the development and wider use of Earth observation technologies, including satellite remote sensing and GIS	<i>CEOS Education Portal established</i> (http://wgedu.ceos.org)

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<p><i>Paragraph 302</i> Support the activities of regional centres, including possible organization of series of capacity-building activities in States of their respective regions, by developing a database of experts from space agencies who could assist regional centres by providing specialized training, as well as making space-related education and training materials available for use by the regional centres.</p>	Member States that have established space agencies	Yet to be specified		[...]
<p><i>Paragraph 303</i> Assist international efforts to coordinate capacity-building activities by disseminating, through web sites, a list of international activities held around the world to strengthen capacity of developing countries, in particular those organized by developing countries seeking assistance.</p>	OOSA and UNESCO with regional centres	Yet to be specified		<i>Underway</i>
<p><i>Paragraph 304</i> Implement capacity-building activities, focusing particularly on teachers, young professionals and decision makers, to support UNESCO Space Education Programme.</p>	Member States with OOSA	Yet to be specified	This would be a contribution of COPUOS and OOSA to United Nations Decade of Education for Sustainable Development (2005 to 2014).	<i>Underway; activities held in Nigeria and Colombia by UNESCO with participation of OOSA</i>

<i>Actions</i>	<i>Primary actors</i>	<i>Indicated time for completion</i>	<i>Other information</i>	<i>Status of implementation</i>
<i>Paragraph 305</i> Discuss ways and means of coordinating capacity-building activities in space-related areas at policy level.	Inter-Agency entities and COPUOS	Yet to be specified		<i>On-going at Inter-Agency Meeting</i>
<i>Paragraph 306</i> Hold workshops and symposiums on regular basis with participation of youth in order to provide opportunities at regional level for exchange of experiences in capacity-building efforts.	OOSA and relevant organizations	Yet to be specified		<i>Underway; UN Programme on Space Applications seeks to include youth in the activities organized by the Programme;</i>
<i>Paragraph 307</i> Develop and distribute educational booklets covering fundamentals of space science that could serve as educational tools for young people in all countries.	Space agencies	Yet to be specified		<i>[...]</i>
<i>Paragraph 308</i> Organize a meeting of interested Member States and space agencies to identify parties willing to undertake actions in paragraphs above (301-307)	OOSA	Yet to be specified		<i>[...]</i>
<i>Paragraph 309</i> Distribute archived satellite images, upon request, free of charge or at the lowest possible cost, for use particularly by developing countries as basic material for space research and studies.	Countries with satellite-imaging techniques and possessing archives of satellite images	Yet to be specified		<i>Government of the United States provided Landsat data, with assistance from OOSA, to African institutions</i>

