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COMMITTEE ON THE PEACEFUL USES OF  
OUTER SPACE

Scientific and Technical Subcommittee

Forty-first session

Vienna, 16-27 February 2004

**Agenda item 6**

**Implementation of the recommendations of  
the Third United Nations Conference on the Exploration  
and Peaceful Uses of Outer Space (UNISPACE III)**

**LIST OF ISSUES TO BE CONSIDERED IN  
THE WORKING GROUP OF THE WHOLE**

**United Nations Programme on Space Applications**

(General Assembly resolution 58/89, para. 19)

1. Workshops, training courses and symposia organized within the framework of the Programme
2. Long-term fellowships for in-depth training
3. Technical advisory services

*Reference document: A/AC.105/815*

**Implementation of the recommendations of UNISPACE III**

(General Assembly resolution 58/89, para. 19)

1. The Working Group of the Whole should review the recommendations contained in the final reports of the Action Teams as well as the progress of work of those action teams that have not submitted their final reports.

*Note: 9 Action Teams have submitted their final reports (Recommendations no. 1, 2, 4, 7, 10, 11, 17, 18 and 32).*

*Reference documents:*

	Action Team	Document
1.	Draft report of the Committee on the Peaceful Uses of Outer Space on the implementation of the recommendations of UNISPACE III: summary of the findings, recommendations and actions taken by the action teams established by the Committee	A/AC.105/C.1/L.272/Add.4, A/AC.105/C.1/2004/CRP.6 and CRP.15
2.	Final report of the Action Team on Environmental Monitoring Strategy, recommendation no.1	A/AC.105/C.1/L.275
3.	Final report of the Action Team on Management of Natural Resources, recommendation no.2	A/AC.105/C.1/2004/CRP.12
4.	Final report of the Action Team on Weather and Climate Forecasting, recommendation no.4	A/AC.105/C.1/L.269
5.	Final report of the Action Team on Disaster Management, recommendation no.7	A/AC.105/C.1/L.273
6.	Final report of the Action Team on Global Navigation Satellite Systems, recommendation no.10	A/AC.105/C.1/L.274
7.	Final report of the Action Team on Sustainable Development, recommendation no. 11 (presented to the Scientific and Technical Subcommittee at its 2003 session)	A/AC.105/C.1/L.264
8.	Final report of the Action Team on Capacity-building, recommendation no.17	A/AC.105/C.1/2004/CRP.13
9.	Final report of the Action Team on Increasing Awareness, recommendation no.18	A/C.105/C.1/2004/CRP.14
10.	Final report of the Action Team on Innovative Sources of Funding, recommendation no.32 (presented to the Committee on the Peaceful Uses of Outer Space at its 2003 session)	A/AC.105/L.246

2. Overall progress made in the implementation of the recommendations of UNISPACE III (e.g. through consideration of agenda items by the Committee on the Peaceful Uses of Outer Space and its subsidiary bodies, activities of the Programme on Space Applications, etc.)

*Reference Document: A/AC.105/C.1/L.272/Add.3, Annex.I*

**Draft provisional agenda of the Scientific and Technical Subcommittee at its forty-second session, in 2005**

(General Assembly resolution 58/89, para. 19)

1. New items to be included in the agenda (including single issue/items for discussion and items to be discussed under work plans)

The following items are currently before the Subcommittee:

Regular Items

1. *General exchange of views and introduction to reports submitted on national activities.*
2. *United Nations Programme on Space Applications.*
3. *Implementation of the recommendations of the Third United Nations Conference on the Exploration and Peaceful Uses of Outer Space (UNISPACE III).*
4. *Matters relating to remote sensing of the Earth by satellite, including applications for developing countries and monitoring of the Earth's environment.*

Items to be considered under work plans:

- (a) *Space debris;*  
2005  
*Member States begin annual reporting on a voluntary basis of national activities to implement the guidelines*
- (b) *Use of nuclear power sources in outer space;*  
2005
  - (a) *Review information from national and regional space agencies on the content of relevant national (including bilateral and multilateral) space NPS programmes and applications planned or currently foreseeable;*
  - (b) *Prepare a final outline of the objectives, scope and attributes of an international technically based framework of goals and recommendations for assuring the safety of planned and currently foreseeable space NPS applications;*
  - (c) *Prepare a draft report based on the final outline, including potential implementation options.*
- (c) *Space-systems-based telemedicine*  
2005  
*Presentations on development of electronic biomedical equipment and compatibility with space-based telemedicine systems*  
  
*Presentations by specialist organizations such as the World Health Organization on space-based telemedicine systems*  
  
*Debate on limitations of space-based telemedicine systems in terms of technical parameters and user acceptability*  
  
*Debate on ways and means of enhancing the capacity of developing countries to use space-based telemedicine systems, including issues such as access to space segment and training*

Single issues/items for discussion:

- (a) *Examination of the physical nature and technical attributes of the geostationary orbit and its utilization and applications, including, inter alia, 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;*
- (b) *Implementation of an integrated, space-based global natural disaster management system;*
- (c) *Solar-terrestrial physics.*

Draft provisional agenda for the forty-third session of the Scientific and Technical Subcommittee, including identification of subjects to be dealt with as single issues/items for discussion or under multi-year work plans.

## 2. Next COSPAR/IAF Symposium

*Note: The theme for the next symposium should be proposed by the Eastern European Group. The following themes have been addressed by the symposia held in the past:*

- Year 2003 Applications of satellite navigation and their benefits to developing countries*
- Year 2002 Remote sensing for substantive water management in arid and semi-arid areas*
- Year 2001 Terrestrial hazards from outer space objects and phenomena*
- Year 2000 Space Commercialization: an era of new opportunities*

## Fifth industry symposium

*Note: The theme for the next symposium should be proposed by the Western European and other Group. The following themes have been addressed by the symposia held in the past:*

- Year 2004 Space size, Wider use: Small satellite applications in agriculture, health and human security*
- Year 2002 Expanding operational applications of very high resolution remote sensing: potential and challenges in civilian applications*
- Year 2001 Emerging applications of global navigation satellite systems: a new utility with global benefits*
- Year 2000 Interactive multimedia satellite services: implications for the twenty-first century*

In 2002, the Working Group of the Whole agreed that, owing to the limited time available during the 2003 and 2004 sessions of the Subcommittee, in view of the review by the Subcommittee of the reports of the action teams to implement the recommendations of UNISPACE III, the organization of COSPAR/IAF and industry symposium should alternate each year, starting in 2003. Thereafter, the normal practice of holding both symposiums during the annual sessions of the Subcommittee would be re-examined.