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# JOURNAL

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COMMITTEE ON THE PEACEFUL USES OF OUTER SPACE

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SCIENTIFIC AND TECHNICAL SUBCOMMITTEE  
FORTY-FIFTH SESSION  
Vienna, 11-22 February 2008

WEDNESDAY, 20 FEBRUARY 2008

No. 9

**Programme of Meetings and Agenda for  
Wednesday, 20 February 2008**

10:00 a.m.-  
1:00 p.m.

692<sup>nd</sup> meeting

Conference  
Room III

*Agenda Item*

*Item No.*

Recent developments in global navigation  
satellite systems

[10]

User of nuclear power sources in outer space

[11]

International Heliophysical Year 2007

[13]

Draft provisional agenda for the forty-sixth  
session of the Scientific and Technical  
Subcommittee

[15]

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V.08-51184 (E)



3:00 p.m.-  
6:00 p.m.

693<sup>rd</sup> meeting

Conference  
Room III

<i>Agenda Item</i>	<i>Item No.</i>
Recent developments in global navigation satellite systems	[10]
International Heliophysical Year 2007	[13]
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	[14]
Draft provisional agenda for the forty-sixth session of the Scientific and Technical Subcommittee	[15]

### **Special Presentations on Outer Space Activities**

At the end of the morning session (692<sup>nd</sup>) of the Scientific and Technical Subcommittee of the Committee on the Peaceful Uses of Outer Space, *today*, 20 February 2008, there will be four special presentations on “An update on Indian Satellite Navigation Programme” by Mr. P.K. Jain of India, on “IHY 2007 update” by Mr. Joseph Davila of NASA Goddard Space Flight Center, on “Scientific events in the field of space sciences carried out by the Russian Academy of Sciences in 2007” by Mr. Alexander Alferov of the Space Council, Russian Academy of Sciences, and on “IADC guidelines update” by Mr. Jurij Makarov of the Russian Federation, in Conference Room III.

At the end of the afternoon session (693<sup>rd</sup>) of the Scientific and Technical Subcommittee of the Committee on the Peaceful Uses of Outer Space, *today*, 20 February 2008, there will be four special presentations on “WRC-07 – Outcome related to space services” by Mr. Attila Matas of the International Telecommunication Union (ITU), on “Russian activities on space debris problem” by Mr. Sergey Loginov of the Russian Federation, on “Scientific premises of IONOSAT project” by Mr. Valeriy Korepanov of the Lviv Centre of the Institute of Space Research, National Academy of Sciences and National Space Agency of Ukraine, and on “Space system IONOSAT for the monitoring of natural and technological disasters” by Mr. Yuri Shovkoplyas of the Yuzhnoye State Enterprise Design Office named after Yangel, Ukraine, in Conference Room III.

**WORKING GROUP ON THE USE OF  
NUCLEAR POWER SOURCES IN OUTER SPACE**

Morning\*

(Closed)

Conference  
Room III

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\* Following the adjournment of the 692<sup>nd</sup> meeting.

**WORKING GROUP OF THE WHOLE**

Morning\*

(Closed)

Conference  
Room III

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\* Following the adjournment of the Working Group on the Use of Nuclear Power Sources in Outer Space.

**WORKING GROUP ON NEAR-EARTH OBJECTS**

Morning\*/  
Afternoon\*\*

(Closed)

Conference  
Room III

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\* Following the adjournment of the Working Group of the Whole.  
\*\* Following the adjournment of the 693<sup>rd</sup> meeting.

**SUMMARY OF SCHEDULED MEETINGS**

**690<sup>th</sup> meeting**

*Space debris [8]*

The Subcommittee continued its consideration of this item with a statement by the representative of Germany.

*Recent developments in global navigation satellite systems [10]*

The Subcommittee began its consideration of this item with statements by the representatives of Nigeria, India, and Indonesia, and the observer of the European Commission (EC).

*Near-Earth objects [12]*

The Subcommittee continued its consideration of this item with a statement by the representative of Japan.

*Special presentations*

Presentations were made by the representative of the United States of America on “Space Debris Outlook – “USA 193””, by the representative of Germany on “UN Space Debris Mitigation Guidelines – German National Implementation Mechanism”, by the representative of France on “A summary of the second geo-stationary end-of-life workshop”, and by the representative of Italy on “The Global Space Exploration Strategy”.

**WORKING GROUP ON THE USE OF  
NUCLEAR POWER SOURCES IN OUTER SPACE**

The Working Group held a closed meeting in the morning.

**WORKING GROUP OF THE WHOLE**

The Working Group held a closed meeting in the morning.

**691<sup>st</sup> meeting**

*Implementation of the recommendations of the Third United Nations Conference on the Exploration and Peaceful Uses of Outer Space (UNISPACE III) [6]*

The Subcommittee suspended its consideration of this item with a statement by the observer of the Committee on Earth Observation Satellites (CEOS).

*Space debris [8]*

The Subcommittee concluded its consideration of this item with statements by the representatives of Venezuela and Brazil, and the observer of the European Space Agency (ESA).

*Recent developments in global navigation satellite systems [10]*

The Subcommittee continued its consideration of this item with statements by the Chairman of the International Committee on Global Navigation Satellite Systems (ICG), the representatives of Japan, Malaysia, China, the Russian Federation, the United States of America, and Canada, and the representative of the United Nations Office for Outer Space Affairs.

*Near-Earth objects [12]*

The Subcommittee suspended its consideration of this item.

*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 [14]*

The Subcommittee continued its consideration of this item with statements by the representatives of Colombia and Ecuador.

*Special presentations*

Presentations were made by the representative of Japan on “Space debris mitigation activities in Japan”, by the representative of the United States of America on “U.S. Space Debris Environment and Policy Update”, by the representative of Ukraine on “Analysis of possibilities of application of the effect of dispersion for space debris tracking”, and by the representative of the Russian Federation on “International Scientific Optical Observation Network (ISON) for the Near-Earth Space Surveillance – Results of the first years of work and plans for the future”.

**WORKING GROUP ON THE USE OF  
NUCLEAR POWER SOURCES IN OUTER SPACE**

The Working Group held a closed meeting in the afternoon.