



UNITED NATIONS

# JOURNAL

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COMMITTEE ON THE PEACEFUL USES OF OUTER SPACE

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SCIENTIFIC AND TECHNICAL SUBCOMMITTEE  
FORTY-NINTH SESSION  
Vienna, 6-17 February 2012

TUESDAY, 14 FEBRUARY 2012

No. 8

**Programme of Meetings and Agenda for  
Tuesday, 14 February 2012**

10.00 am-1.00 pm	770 <sup>th</sup> meeting	Conference Room M1
	<i>Agenda Item</i>	<i>Item No.</i>
	Global navigation satellite systems	[10]
	Near-Earth objects	[12]
	International Space Weather Initiative	[13]
	Long-term sustainability of outer space activities	[14]

**Special Presentations on Outer Space Activities**

At the end of the morning session (770<sup>th</sup>) of the Scientific and Technical Subcommittee of the Committee on the Peaceful Uses of Outer Space, *today*, 14 February 2012, there will be four special presentations on “ICG-6 Outcomes” by Mr. Satoshi Fujiwara of Japan, on “Near Earth Objects-2011” by Mr. Lindley Johnson of the United States of America, on “Présentation des activités du CNES dans le domaine des géocroiseurs” by Mr. Jean-Yves Prado of France and on “GNSS Continuously Operating Reference Stations (CORS)” by Mr. Leo Riyadi of Indonesia, in Conference Room M1.

**WORKING GROUP ON THE LONG-TERM SUSTAINABILITY OF OUTER SPACE ACTIVITIES**

Morning\* (Closed) Room M1

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\* Following the adjournment of the 770<sup>th</sup> meeting.

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3.00 pm - 6.00 pm	771 <sup>st</sup> meeting	Room M1
	Global navigation satellite systems	[10]
	Near-Earth objects	[12]
	International Space Weather Initiative	[13]
	Long-term sustainability of outer space activities	[14]

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

At the end of the morning session (771<sup>st</sup>) of the Scientific and Technical Subcommittee of the Committee on the Peaceful Uses of Outer Space, *today*, 14 February 2012, there will be three special presentations on “Management of 2011 Floods in Pakistan” by Mr. Imran Iqbal of Pakistan, on “Space Debris Re-entry Hazards” by Mr. William Ailor of the International Association for the Advancement of Space Safety and on “Space Situational Awareness Sharing Agreements with Governments and Intergovernmental Entities” by Mr. Courtland McLeod of the United States of America, in Conference Room M1.

### **WORKING GROUP ON NEAR-EARTH OBJECTS**

Afternoon\* (Closed) Room M1

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\* Following the adjournment of the 771<sup>st</sup> meeting.

### **SUMMARY OF SCHEDULED MEETINGS**

#### **768<sup>th</sup> meeting**

##### *General exchange of views [4]*

The Subcommittee continued its consideration of this item.

The observer of the United Arab Emirates and the observers for the International Telecommunication Union (ITU), the International Astronomical Union (IAU) and the Scientific Committee on Solar-Terrestrial Physics (SCOSTEP) made statements.

##### *Global Navigation Satellite Systems [10]*

The Subcommittee continued its consideration of this item with statements by the representatives of India and the United States of America.

##### *Near-earth Objects [12]*

The Subcommittee continued its consideration of this item with statements by the representatives of Germany, Japan and Romania.

*Long-term sustainability of outer space activities [14]*

The Subcommittee continued its consideration of this item with statements by the representatives of Canada and China.

*Special presentations*

Presentations were made by the representative of the Secure World Foundation on “The Global Space Situational Awareness Sensor Database: A new tool for collaboration and cooperation”, by the representative of Germany on “CCSDS contribution to the long-term sustainability of Outer Space Activities: German View”, by the representative of Portugal on “Portuguese Activities in Space” and by the representative of Switzerland on “Swiss Contributions to a Better Understanding of the Space Debris Environment”

## **WORKING GROUP ON NEAR-EARTH OBJECTS**

The Working Group held a closed meeting this morning.

### **769<sup>th</sup> meeting**

*Industrial Symposium*

An industrial symposium on the theme “The Earth Observation Services Industry: Market Opportunities”, was held during the 769<sup>th</sup> meeting of the Scientific and Technical Subcommittee of the Committee on the Peaceful Uses of Outer Space. The symposium was moderated by Ms. Mazlan Othman, Director, Office for Outer Space Affairs (OOSA), who also made introductory remarks.

Presentations were made on “The European Earth Observation Service Industries: development of the market and the impacts of GMES” by Mr. Geoff Sawyer of the European Association of Remote Sensing Companies (EARSC), Belgium, on “Opportunities in Earth Observation Satellite Services: Lessons of the Past for the Future” by Ms. Rachel Villain of Euroconsult, France, on “The Nigeria Space Program and Data Challenges in Africa” by Mr. Halilu Shaba of National Space Research and Development Agency (NASRDA), Nigeria, on “Earth Observation Data in Brazil: CBERS Data Distribution and Impact of Open Data Policy” by Mr. Geraldo Antonio Diniz Branco of the Ministry of Defense, Brazil, on “The Benefits of Open Availability of Landsat Data” by Ms. Jean Parcher of the United States Geological Survey, United States of America, on “The use of Russian Space Means of Remote Sensing of the Earth for the Benefit of Developing Countries” by Mr. Dmitry Gorobets of Roscosmos, Russian Federation and on “The Earth Observation Services Industry in Support of Decision-Making Towards Sustainable Development” by Mr. Lorant Czarán of the United Nations Office for Outer Space Affairs (OOSA).

A discussion followed and concluding remarks were made by the Chair of the Scientific and Technical Subcommittee, Mr. Felix Menicocci of Argentina.