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COMMITTEE ON THE PEACEFUL USES OF OUTER SPACE

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SCIENTIFIC AND TECHNICAL SUBCOMMITTEE

FIFTY-FIRST SESSION

Vienna, 10-21 February 2014

THURSDAY, 13 FEBRUARY 2014

No. 5

**Programme of Meetings and Agenda for  
Thursday, 13 February 2014**

10.00 am-1.00 pm

802<sup>nd</sup> meeting

Board Room D

*Agenda Item*

*Item No.*

General exchange of views

[4]

Space weather

[11]

Nuclear power sources

[13]

Near-earth objects (statement by the Chair of Action Team 14)

[12]

**Special Presentations on Outer Space Activities**

At the end of the morning session (802<sup>nd</sup>) of the Scientific and Technical Subcommittee of the Committee on the Peaceful Uses of Outer Space, *today*, 13 February 2014, there will be four special presentations on “Defining the organizational structure that implements a space nuclear power source mission application” by Mr. Reed Wilcox of the United States of America, on Space nuclear power systems. Activities and programmes in the United Kingdom” by Mr. Tom Rice of the United Kingdom, on “International perspectives on rendezvous and proximity operations in space and space sustainability” by Mr. Brian Weeden of the Secure World Foundation and on “Recent Indian Space Missions: update as of February 2014” by Mr. V.K. Dadhwal of India, in Board Room D.

V.14-00889 (E)



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

**Morning\***

**(Closed)**

**Board Room D**

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\* Following the adjournment of the 802<sup>nd</sup> meeting.

3.00 pm-6.00 pm

803<sup>rd</sup> meeting

Board Room D

*Agenda Item*

*Item No.*

General exchange of views

[4]

Space technology for socioeconomic development

[6]

Space debris

[8]

**Special Presentations on Outer Space Activities**

At the end of the afternoon session (803<sup>rd</sup>) of the Scientific and Technical Subcommittee of the Committee on the Peaceful Uses of Outer Space, *today*, 13 February 2014, there will be four special presentations on “Advances in Canada’s contributions to Space Situational Awareness” by Mr. David Kendall of Canada, on “The start of the Q/V Band Experimental Program: new possibilities for fast telecommunication infrastructure development” by Mr. Giuseppe Codispoti of Italy, on “Austrian contributions to the European Space Agency’s (ESA) Space Situational Awareness (SSA) Space Weather Programme: Real-time detection of solar eruptions and space weather effects on board aircraft” by Ms. Astrid Veronig of Austria and on “International Scientific Optical Network (ISON) activities on highly elliptical orbit (HEO) and geosynchronous orbit (GEO) observations and analysis in 2013” by Mr. Vladimir Agapov of the Russian Federation, in Board Room D.

**SUMMARY OF SCHEDULED MEETINGS**

**800<sup>th</sup> meeting**

*General exchange of views [4]*

The Subcommittee continued its consideration of this item with statements by the representatives of Kenya and Pakistan.

The observers for the Secure World Foundation, the Inter-Islamic Network on Space Sciences and Technology and the European Space Agency also made statements.

*Space weather [11]*

The Subcommittee continued its consideration of this item with statements by the representatives of Egypt, Germany, Japan, Pakistan and the Republic of Korea.

*Nuclear power source [13]*

The Subcommittee continued its consideration of this item with a statement by the representative of Chile on behalf of the Latin America and the Caribbean Group.

*Special presentations*

Presentations were made by the representative of Canada on “Canadian space weather science and research: from discovery to operations”, by the representative of Japan on “International Centre for Space Weather Science and Education (ICSWSE), by the representative of the Scientific Committee on Solar Terrestrial Physics (SCOSTEP) on “Highlights of the Scientific Committee on Solar Terrestrial Physics (SCOSTEP) Climate And Weather of the Sun-Earth System - II (CAWSES II) Scientific Program (2009-2013)” and by the representative of Chile on “The use of space technologies for the implementation of space data infrastructure of the Ministry of Agriculture (IDE-MINAGRI) of Chile”.

## **WORKING GROUP ON NUCLEAR POWER SOURCES**

The Working Group held a closed meeting this morning.

### **801<sup>st</sup> meeting**

*General exchange of views [4]*

The Subcommittee continued its consideration of this item with statements by the representatives of Malaysia, Poland, Venezuela (Bolivarian Republic of).

The observer for the Space Generation Advisory Council (SGAC) also made a statement.

*Space weather [11]*

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

*Nuclear power source [13]*

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

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

The Subcommittee continued its consideration of this item with statements by the representatives of Canada and Venezuela (Bolivarian Republic of).

*Special presentations*

Presentations were made by the representative of the United States of America on “Space weather services: building resilience through international partnerships”, by the representative of Italy on “The use of Global Navigation Satellite System (GNSS) for space weather: the Italian case”, by the representative of the Scientific Committee on Solar Terrestrial Physics (SCOSTEP) “on Variability of the Sun and its Terrestrial Impact (VarSITI) - Scientific Committee on Solar Terrestrial Physics (SCOSTEP) New Scientific Program

(2014-2018), by the representative of Indonesia on “Space debris mitigation activities in Indonesia” and by the representative of Brazil on “A geophysical approach to assess space weather impacts on Earth”.

### **WORKING GROUP OF THE WHOLE**

The Working Group held a closed meeting this afternoon.