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COMMITTEE ON THE PEACEFUL USES OF OUTER SPACE

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SCIENTIFIC AND TECHNICAL SUBCOMMITTEE  
SIXTY-SECOND SESSION

Vienna, 3–14 February 2025

THURSDAY, 6 FEBRUARY 2025

No. 5

**Programme of Meetings and Agenda for**  
**Thursday, 6 February 2025**

10 a.m.–1 p.m.	1021 <sup>st</sup> meeting	M Plenary
	<i>Agenda Item</i>	<i>Item No.</i>
	General exchange of views	[3]
	Space-system-based disaster management support	[6]
	Recent developments in global navigation satellite systems	[7]
	Space weather	[8]
	Near-Earth objects [time permitting]	[9]

**Special Presentations on Outer Space Activities**

At the end of the morning meeting (1021<sup>st</sup>) of the Scientific and Technical Subcommittee on 6 February 2025, there will be five technical presentations: by Ms. Jennifer Barry of the United Kingdom on “Findings from the United Kingdom Space Agency and Office for Outer Space Affairs space environment sustainability assessment”, by Mr. Wang Guoyu of China on “Space road right and the principles for avoidance of on-orbit collision (AOC)”, by Mr. Takuya Tsugawa of Japan on “Update of Japanese activities for operational space weather services”, by Ms. Ekaterina Ranyuk and Ms. Oksana Sukhareva of the Russian Federation on “Results of monitoring by Roscosmos of the key events in the near-Earth orbit in 2024”, and by Ms. Danica Vallone, National Space Society (NSS) on “Designing resilience: Healthcare innovations from space to remote environments”.

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

Morning \* (closed) M Plenary

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\* Following the consideration of agenda items and before the delivery of special presentations

3 p.m.–6 p.m. 1022<sup>nd</sup> meeting M Plenary

<i>Agenda Item</i>	<i>Item No.</i>
General exchange of views	[3]
Near-Earth objects	[9]
Long-term sustainability of outer space activities [time permitting]	[10]

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

At the end of the afternoon meeting (1022<sup>nd</sup>) of the Scientific and Technical Subcommittee on 6 February 2024, there will be five technical presentations: by Mr. Jiří Šilha of Slovakia on “International airborne observation campaign dedicated to the re-entry of the European Space Agency's Cluster - Salsa satellite”, by Mr. Rüdiger Haas of Germany on “VGOS – The VLBI Global Observing System”, by Mr. Guo Jianguang of China on “China meteorological administration space weather operations update”, by Ms. Alessandra Di Cecco of Italy on “ASI activities on space weather”, and by Mr. Holger Krag, European Space Agency (ESA) on “Update on European Space Agency's space sustainability efforts”.

## WORKING GROUP OF THE WHOLE

Afternoon\* (closed) M Plenary

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\* Following the consideration of agenda items and before the delivery of special presentations

### **SUMMARY OF SCHEDULED MEETINGS**

1019<sup>th</sup> meeting

#### *General exchange of views [3]*

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

A statement was made by the representative of France, on behalf of France, Germany, and the United Kingdom, in the exercise of the right of reply.

#### *Space debris [5]*

The Subcommittee concluded its consideration of this item with statements by the representatives of Brazil, India, Indonesia, Iran (Islamic Republic of), Malaysia, Mexico, Slovakia, and the United Kingdom.

Statements were also made by the observers for the Committee on Space Research (COSPAR) and the European Space Agency (ESA) on behalf of the Inter-Agency Space Debris Coordination Committee (IADC).

*Space-system-based disaster management support [6]*

The Subcommittee began its consideration of this item with statements by the representatives of Austria, China, France, Germany, Japan, Nigeria, and the Philippines.

*Special Presentations*

Presentations were made by the representative of Japan on “Current status and future of human resource development and industry innovation through international collaboration”, by the representative of the United Kingdom on “Dark and quiet skies: perspective from a satellite operator”, by the representative of China on “Space debris mitigation regulations and technical standards of China”, by the representative of Kazakhstan on “The application of space science and technology in disaster management in Kazakhstan”, and by the representative of the Philippines on “Space technology development initiatives spearheaded by PhilSA and its contribution to the United Nations Sustainable Development Goals (SDGs)”.

## **WORKING GROUP OF THE WHOLE**

The Working Group held a closed meeting this morning.

1020<sup>th</sup> meeting

*General exchange of views [3]*

The Subcommittee continued its consideration of this item with statements by the representatives of Costa Rica and Finland.

A statement was made by the representative of Iran (Islamic Republic of) in the exercise of the right of reply.

*Space-system-based disaster management support [6]*

The Subcommittee continued its consideration of this item with statements by the representatives of Argentina, India, Indonesia, Iran (Islamic Republic of), Israel, Italy, Malaysia, Mexico, Morocco, the Republic of Korea, South Africa, Spain, and the United Kingdom.

*Recent developments in global navigation satellite systems [7]*

The Subcommittee began its consideration of this item with statements by the representatives of China, France, India, Japan, New Zealand, Pakistan, the Republic of Korea, the Russian Federation, and the United States.

*Special Presentations*

Presentations were made by the representative of Japan on “Peaceful Applications of Space Rocks: JAXA’s Contributions to Science and Humanity”, by the representative of China on “Space based information for emergency management in China (2024)”, by the representative of Kazakhstan on “Development of space weather monitoring system components in Kazakhstan”, by the representative of Italy on “ASI activities on space-system-based disaster management”, by the representative of the Republic of Korea on “Status and plans for space situational awareness in the Republic of Korea”, by the representatives of Ukraine on “The general issues of space sunshade system creation”, and by the observer for Space Generation Advisory Council (SGAC) on “towards an intergenerational pact for space sustainability: what does it mean for dark and quiet skies?”.

## **WORKING GROUP OF THE WHOLE**

The Working Group held a closed meeting this afternoon.

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