



# Introduction of the Interagency Operations Advisory Group (IOAG)

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**James J. Miller**

*On behalf of*

**Jean-Marc Soula**  
IOAG Chairman

**Barbara Adde**  
IOAG Secretariat

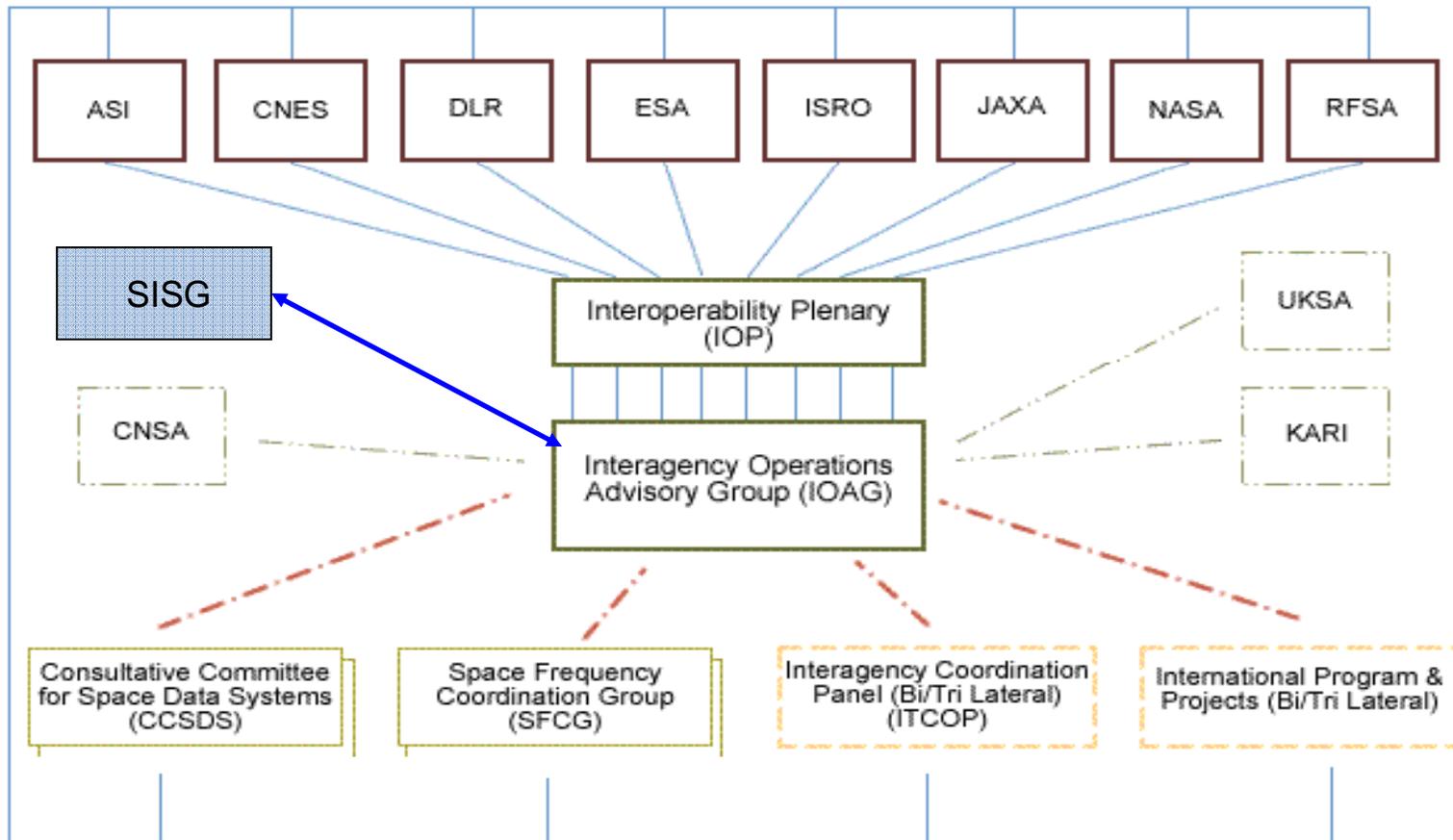
**Monday, 18 October, 2010**

# History and Charter

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- The IOAG was founded by the [Interoperability Plenary](#) (IOP) in 1999 to: coordinate issues related to interagency interoperability and other space communications matters; identify solutions complying with IOP policies; and, recommend resolutions to the IOP for specific actions by the IOP.
- The IOAG will undertake activities it deems appropriate to achieve full interoperability among member space agencies. A specific IOAG goal relates to multi-agency space communications. This goal will be obtained by holding periodic meetings in accordance with the procedures set forth in the IOAG Procedures Manual.
- IOAG provides a forum for identifying common needs across multiple international agencies for coordinating space communications policy, high-level procedures, technical interfaces, and other matters related to interoperability and space communications.

# Organization Chart



# Current Activities and Issues

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- Next annual meeting scheduled as a joint meeting with the Consultative Committee of Space Data Systems (CCSDS)
  - **IOAG-14: 2-4 November, London (UK Space Agency hosting)**
- Documents recently approved by vote: Service Catalogue #1
- Documents for discussion at IOAG-14:
  - Service Catalogue #2
  - Solar System Internetwork Operations Concept
- Topics for consideration to IOAG agenda:
  - Mission Operations
  - Space Service Volume/Positioning, Navigation and Timing
- Past Achievements
  - Introduction of SLE – Space Link Extension

# Potential IOAG – ICG Relationship

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- IOAG currently has active liaison relationships with the Space Frequency Coordination Group (SFCG) and the Consultative Committee of Space Data Systems (CCSDS)
- The IOAG and the ICG currently have similar membership: ESA (including CNES and DLR), ASI, JAXA, ISRO, RFSA and NASA
- As an advisory body in space communications and navigation, the IOAG has potential interest in understanding the ICG's GNSS interoperability and space service volume requirements
- Would the ICG be interested in a liaison relationship with the IOAG? What would it see as requirements for the IOAG? What level of participation would enable both the ICG and IOAG to benefit?

# Agency Heads of Delegation

Agency/Status	Head of Delegation
ASI (member)	Mr. Luca Salotti
CCSDS (liaison)	Mr. Adrian Hooke (NASA) Mr. Nestor Peccia (ESA)
CNES (member)	Mr. Jean-Marc Soula (CHAIR)
CNSA (observer)	Mr. Michael Wang
DLR (member)	Mr. Martin Pilgram
ESA (member)	Mr. Michael Schmidt
ISRO (member)	Mr. S. Shivakumar
JAXA (member)	Mr. Tsutomu Shigeta
KARI (observer)	Mr. Sangil Ahn
NASA (member)	Mr. Philip Liebrecht
RFSA (member)	Mr. Victor Ashurkov
SFCG (liaison)	Mr. Enrico Vassallo (ESA)
UK Space Agency (observer)	Mr. Peter Allan



# Thank you!

# Questions?

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[www.ioag.org](http://www.ioag.org)

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