

Space Link Services Area

Resolution SLS-R-2023-10-001

Appointment of the Chair of the Optical Communications Working Group (SLS-OPT)

23rd October 2023

Ignacio Aguilar

SLS Area Director

Gilles Moury

SLS Deputy Area Director

The Space Link services Area,

CONSIDERING that:

- the position of Chair for the Optical Communications Working Group is vacant after Bernard Edwards resignation,
- the Optical Communications Working Group has reached consensus on Jon Hamkins (NASA) as a suitable candidate for the position,
- the Space Link Services (SLS) Area Director has the responsibility for recommending a candidate for the position of SLS Working Group Chair,

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- the SLS Area Director has informed all CCSDS Member Agencies of the vacancy and the identification of Jon Hamkins as a suitable candidate,
- the SLS Area Director has invited all CCSDS Member Agencies to provide alternative candidates for the position of Optical Communications WG Chair and no other candidate has been provided,

- **RECOMMENDS** that Jon Hamkins is appointed Chair of the Optical Communications (SLS-OPT) Working Group,
- **RESOLVES** to request CESG to approve this appointment,
- **RECOMMENDS** that CESG approves this resolution and, finally
- **REQUESTS** that CESG poll be conducted to accomplish this.

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Biography

Dr. Jon Hamkins is the chief technologist of the Communications, Tracking, and Radar division at NASA's Jet Propulsion Laboratory. He has spent his career primarily concentrating on advanced channel coding and modulation techniques, including turbo and low-density parity-check codes, ranging, and optical communications. He has been an active participant in helping CCSDS standardize technologies in these areas. In the RF & Modulation and the Coding & Sync Working Groups, he developed the telemetry ranging and variable coded modulation specifications now adopted as standards. As past chair of the recently revived Time Management Working Group, he helped bring its first major product to completion, a Green Book describing time transfer, clock correlation, and clock synchronization techniques used by CCSDS agencies. In the Optical Working Group, he wrote the high-photon-efficiency specification for the physical and the coding & sync layers, which were the first standards adopted by the working group.