

CGSIC Timing Subcommittee Report

Dr. Patricia Larkoski,

Dr. Biju Patla,

Co-Chairs

17 September 2024



USNO Report to the CGSIC Timing Subcommittee

John Adams

U.S. Naval Observatory (USNO)

16 September 2024

UNCLASSIFIED

Clocks on the Moon and in Cislunar space: Lessons from GPS



64th Meeting of the CGSIC
September 16, 2024, Baltimore, MD

GNSS Test Vector Distribution Methodology

Brady O'Hanlon, Christian Keefer-Moomaw
CGSIC 2024
Baltimore, MD

Approved for public release, case #24-2543

Towards Continuous Universal Time and the Future of the Leap Second



Michael J. Coleman

*Naval Center for Space Technology
US Naval Research Laboratory
Washington, DC*

*Member of the CCTF's
Task Force on Continuous UTC
Bureau International des Poids et Mesures
Sèvres, France*

64th Civil GPS Service Interface Committee
Timing Subcommittee Meeting
Convened with ION GNSS+
Monday 16 September 2024

Low-Cost Situational Awareness

64th CGSIC 2024

Charles Swain
Project Manager/Senior Researcher

Charles.swain@jhuapl.edu

Retrofitting At-Risk Legacy GPS/GNSS Equipment with a Resilient and Cost-Effective PNT Solution

Nino De Falcis

Sr Director, Global PNT Business Development

9/16/24 | CGSIC @ ION GNSS+ | 11:10-11:30a ET | Baltimore, MD

Demonstration of Positioning, Navigation, and Timing (PNT) Resilience Concepts to Reduce Development Risk

Elizabeth Dreifus

Civil GPS Service Interface Committee (CGSIC) 2024

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Wireless Two-way Interferometry (Wi-Wi) as Alternative Technology for GNSS- Denied Environments

Nobuyasu Shiga, Satoshi Yasuda
NICT – Japan

2024/9/16

ION GNSS+ 2024, CGSIC

