

Furuno to exhibit at the International Timing and Sync Forum (ITSF) 2024

NISHINOMIYA, HYOGO, JAPAN, October 30, 2024 /EINPresswire.com/ -- We are delighted to announce that Furuno will be a Gold Sponsor at the International Timing and Sync Forum (ITSF) 2024 in Seville, Spain from 4 to 7 November. In addition to showcasing its latest dual band products, Furuno will also deliver a presentation on GNSS technology.

□About ITSF

ITSF is the world's largest time and synchronization event, bringing together stakeholders in the time synchronization industry from around the world for four days of exhibits and lectures on the latest technologies. The participating companies will present their latest solutions for critical infrastructure such as telecom, securities, smart grid, data centers, etc.



Furuno will exhibit [GT-100](#) "Timing Multi-GNSS Receiver Module," which offers world's highest stability, less than 4.5 ns (1sigma) and robustness achieved through dual band support as well as advanced protection against jamming and spoofing. We will also introduce our dual band [AU-500](#) "Multi-GNSS Timing Antenna," which delivers high accuracy and stability when used in combination with GT-100. In the technical session, our R&D section manager, Takaki Tominaga, from the System Products Division, will present "Evaluation of GNSS Timing Performance Using Various Grade of PVT Engines."

□Outline of the session

Schedule: 15:15 - 15:30 (CET), November 7, 2024

Speaker: Takaki Tominaga, Manager, R&D Section, System Product Division, Furuno

Topic: Evaluation of GNSS Timing Performance Using Various Grade of PVT Engines

Summary:

The authors have been developing various grades of positioning engines implemented in low-cost chipsets: meter-level, submeter-level using dual-frequency multi-constellation observation, and centimeter-level using PPP (Precise Point Positioning). The conventional meter-grade engines can achieve a 1PPS (one pulse per second) stability of several tens of nanoseconds. State-of-the-art engines can achieve 1PPS stability of a few nanoseconds or less, offering greater accuracy than conventional engines. In this presentation, the stability of 1PPS in real tests with the above-mentioned positioning engines is evaluated and discussed.

Furuno will pursue the state-of-the-art in time synchronization technology to further improve our performance and continue to contribute to the time synchronization industry by utilizing the knowledge gained through our participation in this conference.

□Outline of the event

Official name of the event: International Timing and Sync Forum (ITSF) 2024

Event dates: November 4 - November 7, 2024

Location: Barceló Sevilla Renacimiento, Seville, Spain

Organizer: Executive Industry Events

Official website: <https://itsf2024.executiveindustryevents.com/Event/>

□Exhibited products

□Timing Multi-GNSS Receiver Module: GT-100

<https://www.furuno.com/en/products/gnss-module/GT-100>

□Multi-GNSS Timing Antenna: AU-500

<https://www.furuno.com/en/products/gnss-antenna/AU-500>

□Related Links

Announced on May 16, 2023 (Furuno) □Furuno Announces High-Performance Multi-GNSS Timing Antennas

https://www.furuno.co.jp/en/news/general/general_category.html?itemid=1320&dispmid=961

Announced on September 14, 2022 (Furuno) □Furuno Announces Most Advanced Global Timing Solutions Supporting L1 and L5 GNSS Signals

https://www.furuno.co.jp/en/news/general/general_category.html?itemid=1216&dispmid=961

Marketing Section

System Products Division

press@furuno.co.jp

This press release can be viewed online at: <https://www.einpresswire.com/article/754799825>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire,

Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2024 Newsmatics Inc. All Right Reserved.