OSI INS Factory Acceptance Test Successfully Completed for Bung Tomo Class MRLF Modernization Program

- **OSI contracted to provide an Integrated Navigation System for Mid-Life Modernisation (MLM) of Bung Tomo Class Multi-Role Light Frigate (MRLF)**
- **A key capability is OSI's Navigation Tactical Data Distribution Unit (NavTac DDU) and ECPINS (WECDIS)**
- **Sensor integration to include new and existing systems in support of the Combat Management System**

July 17, 2024 – OSI Maritime Systems (OSI) is pleased to announce the successful completion of the Integrated Navigation System (INS) Factory Acceptance Test (FAT) as part of a modernization program for the Indonesian Bung Tomo class MRLF.

The modernization program aims to extend the service life of the frigates, commissioned in 2001, by equipping them with state-of-the-art technologies. This initiative also establishes commonality between systems with those on other Indonesian ships, reducing training time and simplifying management and maintenance.

OSI brings extensive experience in both retrofit and new build projects, leveraging this expertise to interface new and legacy sensors. Central to the project is OSI's proprietary Navigation and Tactical Data Distribution Unit (NavTac DDU), which will manage all sensor inputs and distribute data to the bridge system.

PT Len, the main contractor, oversaw the validation of new and legacy navigation sensor integration, with the provision to connect to the Combat Management System (CMS). The integrated system includes capabilities such as Radar, DGPS, Weather Systems, Warship AIS, and OSI's Warship ECDIS, ECPINS. Notably, ECPINS was the first WECDIS to receive third-party Type Approval against NATO STANAG 4564 and is the only WECDIS tested by classification society DNV-GL.

With the FAT completed, the systems will be shipped to Indonesia for installation.

Quote:

"This project exemplifies our enduring partnership with the Indonesian Navy and OSI. Furthermore, it highlights OSI's extensive expertise in integrating navigation and tactical systems. While we focus heavily on new build projects today, much of our knowledge stems from years of experience with highly complex retrofit projects."

Ken Kirkpatrick, President & CEO, OSI Maritime Systems

"OSI's expertise in system integration extends beyond new and retrofit systems to integrating legacy. As countries modernize their navies and adopt western technologies, OSI is increasingly involved in retrofit projects that require an intermidary technology that translates the sensor data into English."

Jim Davison, VP, Business Development

About OSI

OSI Maritime Systems, has been providing advanced integrated navigation and tactical solutions to military customers for over 20 years. As a pioneer of Warship Electronic Chart Display and Information Systems (WECDIS), the company has grown to be a leading provider of integrated navigation and tactical solutions designed for naval and maritime security operations. The company develops and delivers integrated bridge systems for warships, integrated dived navigation systems for submarines, and C2 systems for small craft. OSI currently has 25 naval customers from around the world with more than 700 warships and submarines operating with its world leading integrated navigation and tactical solutions.