



OSI Contracted Mid-Life Modernisation of Bung Tomo Class Multi-Role Light Frigate

- **OSI contracted to provide 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**

December 14, 2021 - OSI Maritime Systems (OSI) announced that it has been contracted, by PT Len Industri (Persero), Indonesia, for an Integrated Navigation System featuring the integration of new and legacy navigation sensors, with provisions to connect to the Combat Management System. Working closely with THALES NL as part of the TACTICOS CMS upgrade, OSI technology will feature in supporting the navigation function of the MRLF combat capabilities.

The contract is for the modernisation (MLM) of Bung Tomo Class KRI Usman Harun (359) in which PT Len is acting as main contractor and Combat System Integrator working together with THALES NL. With its extensive experience in retrofitting and new build projects, OSI will be drawing on the two streams of its expertise to interface with new and legacy sensors. Core to the project is OSI's proprietary Navigation and Tactical Data Distribution Unit (NavTac DDU), which will manage all sensor inputs and distribute the data to the bridge system.

"This project is representative of our long-standing relationship between the Indonesian Navy and OSI," stated Ken Kirkpatrick, President and CEO. "Moreover, it showcases OSI's breadth and depth in navigation and tactical system integration, while much of our business today is in new build projects, much of that knowledge resulted from our experience over the years working on some very complex retrofit projects."

Sensor integration and capabilities include Radar, DGPS, Weather Systems, Warship AIS, and OSI's Warship ECDIS, ECPINS. ECPINS was the first WECDIS to be third-party Type Approved against NATO STANAG 4564 is the only WECDIS that has been tested by classification society (DNV-GL).

Jim Davison, VP of Business Development, added: "Traditionally, combat management and navigation were separate, siloed activities; warships are now being designed in a way that now meshes relevant systems to enhance integration and shared services. As demonstrated in this contract, OSI is becoming very well versed in "nav-combat" integration."

Simon Wills

Director, Government Relations

OSI Maritime Systems

+1 604-889-4237

simon.wills@osimaritime.com



Artist rendering of OSI's Integrated Navigation & Tactical System (INTS)



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 23 naval customers from around the world with more than 600 warships and submarines operating with its world leading integrated navigation and tactical solutions.

www.osimaritime.com