

UAE Shipbuilder Selects IXSEA



UAE Systems Integrator Company Abu Dhabi Systems Integration LLC (ADSI) has selected IXSEA navigation equipment on behalf of UAE Navy. The IXSEA systems will be used for navigation and positioning and, in the case of the missile boats, to provide attitude measurement for weaponry alignment and stabilisation.

ADSI is the Combat System Integrator (CSI) of 12 Ghannatha-class missile boats, which will use IXSEA's MARINS Inertial Navigation Systems (INS). A further 12 Ghannatha-class transport boats will be upgraded to use PHotonic Inertial Navigation System (PHINS).

MARINS is the first high-performance INS to be based on IXSEA's Fibre Optic Gyroscope (FOG) technology, and is designed to meet naval demands for accurate and reliable inertial navigation. Military-specification qualified and incorporating a sophisticated Kalman filter, this strap-down system is suitable for navigation and weapons control on all types of naval vessels including attack submarines, offshore patrol vessels, destroyers and frigates.

PHINS also incorporates FOG technology and is a surface INS that outputs position, attitude and velocity data with extremely high accuracy. PHINS is high-speed-craft certified by the International Maritime Organisation, and will accept aiding data from various input sources. It is suitable for application on any surface vessel and a variety of subsea vehicles.

ADSI selected IXSEA from two suppliers recommended by the UAE navy. Oscar Correa, Ghannatha CSI program manager, ADSI, says, "We chose IXSEA because we found that its navigation systems are very precise, state-of-the-art systems that provide operators with a complete set of data. They are also highly reliable."

<https://www.hydro-international.com/content/news/uae-shipbuilder-selects-ixsea>
