



Odense Steel Shipyard Ltd.

The future platform for multi-role vessel design

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The platform

Odense Steel Shipyard has successfully developed a breakthrough design and construction concept for highly versatile, multi-role small to medium-sized naval vessels, in close collaboration with Royal Danish Navy. This enables customers to meet a highly complex set of mission and performance requirements at the same time as achieving significantly lower procurement and operating costs.

This new design platform benefits greatly from Odense Steel Shipyard's commercial experience and highly efficient modern ship-building techniques. With a clear focus on design-to-cost principles, the concept features a high degree of standardisation, modular design and use of commercial

off-the-shelf (COTS) systems and equipment.

Two in one

The design platform forms the basis for two major types of vessels. The first is two 137-metre-long Combat Support Ships completed for the Royal Danish Navy in 2004, featuring a large roll-on/roll-off (RO/RO) multi-purpose cargo deck with stern doors. This completely unique design provides unprecedented versatility. Equipped with a substantial range of armament, equipment, accommodation and logistics facilities in standardised modular form, this vessel type can undertake virtually the entire spectrum of naval and military missions, from disaster and humanitarian relief to many kinds of armed conflict, with airborne support.

The second type is a faster patrol ship/frigate derivative with the cargo deck omitted, thus achieving a lower radar profile. Equipped with numerous modular armament and equipment packages, this design will replace as many as seventeen current Danish naval units.

The yard

Odense Steel Shipyard is known throughout the world for designing and building vessels that expand the envelope within their particular category – from harbour tugs to the world's largest container vessels. Customers benefit from unparalleled shipbuilding know-how combined with the integrated application of highly advanced technology and production management.