Above and below the waterline.
Based on a combined heritage of more than 300 years of experience, ThyssenKrupp Marine Systems with its Operating Units

• Submarines
  (Kiel, Germany)
• Surface Vessels
  (Hamburg/Emden, Germany)
• Services
  (Kiel/Hamburg, Germany)

has set worldwide standards in naval design and shipbuilding.

Today, they are more than just shipyards. Thanks to leading-edge technology, reliable products and matchless power of innovation, ThyssenKrupp Marine Systems is one of the most prominent globally acting system providers in naval shipbuilding.

In their premises, engineering and shipbuilding specialists are passionate about the development and production of both, non-nuclear submarines and naval surface vessels for all current and future missions and tasks. And they have one common goal: always to stay one step ahead of state-of-the-art technology and providing the best value for money.

The track record speaks for itself: Since 1960, nearly 280 submarines and naval surface vessels (incl. designs) have been supplied by ThyssenKrupp Marine Systems’ shipyards to 27 navies worldwide, with many navies placing repeat orders. A proven material package concept with shipyard consulting, technical assistance and support is one of the cornerstones of the company’s business philosophy, particularly when it comes to supplying naval surface vessels.

ThyssenKrupp Marine Systems consider themselves as system and service provider to its customers who can take advantage of an impressive scope of services such as

• Prime contractorship/programme management for the delivery of turn-key naval systems.
• Local production in the customer’s country.
• Integrated Logistic Support (ILS) and In-Service Support (ISS) as well as After Sales Service.

Whatever might be a navy’s operational requirement or a naval system’s technological challenge – ThyssenKrupp Marine Systems has got the experience and know-how to provide a solution always in time, in budget and in continuous dialogue with the customer.

Naval Technology
Above...

Frigates and Corvettes

With the proven Blohm+Voss MEKO® concept, ThyssenKrupp Marine Systems has set the world’s standard in naval surface vessel technology. Modular ship design and construction as well as drastic signature reduction and enhanced survivability are at the heart of these innovative approaches which are by common consent acknowledged to be the most advanced concepts in naval shipbuilding. Developed to enable navies to tailor payloads to operational needs, the continuously optimised Blohm+Voss MEKO® technology is still the most reliable hands-on solution for the design and construction of future-oriented naval surface vessels.

The Blohm+Voss Class 123 and 124 frigates and now the currently built Blohm+Voss Class 125 frigate as well as the Blohm+Voss Class 130 corvette form the basis of ThyssenKrupp Marine Systems’ long-term partnership with the German Navy. Their outstanding performance is a hallmark in naval shipbuilding.

Combining state-of-the-art technology, innovation, and robust fighting capabilities, the renowned Blohm+Voss MEKO® A-200 frigates as well as the Blohm+Voss MEKO® A-100 corvettes have outstanding range, endurance and sea keeping qualities, and are most economical to operate.

As such, they provide a navy both with a flexible and versatile fighting platform for three-dimensional warfare, as well as with a general purpose “workhorse” for diversified mission profiles.

Proven Diesel-Electric Submarine Designs

The HDW Class 209 Submarine can be found in all of the world’s oceans. With more than 60 units delivered to 14 countries, no other type of submarines has been built more often during the past five decades. The most recent version of the 209 class “family”, the HDW Class 209/1400mod is a compact and reliable submarine featuring most recent technology, high combat strength, extraordinary battery payload and low signatures. Her comprehensive mission profiles include not only maritime defence and conflict prevention, but also surveillance and intelligence gathering tasks. Besides, she is ideally suited for special operations.
Offshore Patrol Vessels

Due to asymmetrical threats, offshore patrol vessels continue to play an important role in modern naval fleets.

Derived from our proven naval standard designs, the Blohm+Voss MEKO® OPV family is an optimum mix of commercial and military design standards, providing a very flexible and economical solution for navies and coastguards across the full spectrum of OPV missions, from high-end naval missions to low-end humanitarian operations. The Blohm+Voss MEKO® OPV is thus available in a number of configurations to best satisfy customer mission requirements.

Air-Independent Fuel Cell Submarines

HDW Class 212A, 214 and Dolphin AIP submarines have pushed the limits and achieved a quantum leap in technology by the use of the globally most renowned air-independent propulsion (AIP) system for non-nuclear submarines.

Their HDW fuel cell propulsion plants allow for extremely long dives independent of external air sources with a distinctly lower noise level compared to other diesel-electric boats and thus reduce the risk of discovery. Besides, all three boat classes have set new standards in the areas of signatures, range, automation, weapons control, external communication as well as crew comfort and convenience. Meanwhile eight navies have decided in favour of HDW fuel cell submarines – a proven record of changing innovative ideas into permanent technology.

Naval Auxiliary and Support Vessels

Naval Auxiliary and Support Vessels are a navy’s pillar in today’s maritime scenarios. ThyssenKrupp Marine Systems offers comprehensive solutions when it comes to providing naval ships such as the Combat Support Ship Class 702. A „one stop shop“ for supporting naval combat ships and groups underway on operations and deployed to remote stations abroad, Class 702 provides full NATO-standard liquid and solid Replenishment at Sea (RAS) as well as multi-purpose and force-multiplying logistic support.

Recent Submarine Designs

The HDW Class 210mod represents ThyssenKrupp Marine Systems’ latest well balanced, compact design based on the ULA-Class submarine for cost-conscious navies wishing to operate littoral and deep water missions. Life-cycle cost-efficiency is achieved by standard components and small crew numbers.

The HDW Class 216 is a fast, long mission, long endurance, two-deck submarine design featuring two pressure-tight compartments, high crew comfort levels and an extremely flexible payload for weapons and mission-orientated exchangeable equipment enhanced by the innovative Vertical Multi-Purpose Lock (VMPL).