

### "...24 hours on the side of the marine operator"



Marine, Technical & Scientific Consultants

United Naval Architects Ltd. is an independent privately owned company, based in Athens, committed to provide the commercial maritime shipping industry with quality integrated solutions.

United Naval Architects Ltd. offers expertise and resources to cover the complete spectrum of marine and technical services bridging operational requirements with engineering and scientific research and development.

Being related with a wide group of professionals can supply turnkey solutions to the shipping market on a world-wide basis.

Our mission is to establish United Naval Architects Ltd. as a leading maritime consultant through serving long-term quality clients with a highly qualified and motivated team of professionals with a commitment to the protection of the environment and the safety of the seafarers.

Our objective is to enable ship managers to apply with confidence, systems and process that will allow a long-term competitive position in ship technical management, vessel performance monitoring and improvement, pre-purchase evaluation, new building or special projects, in claim support and in addressing up-coming or applied classification and statutory rules.

Our key technical personnel of naval architects, marine engineers and scientific researchers have served in the marine consulting and academic fields in senior positions.



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United Naval Architects Ltd.



## Marine consultancy services

#### New building consultancy and site supervision

United Naval Architects Ltd. can provide turn-key consulting services on new building projects, which range from feasibility study to preliminary and detail specification and design appraisal, to construction and delivery.

Our goal is to meet owner requirements through "concurrent engineering" with owners, builders and workers to develop the concept of a "smart vessel" – A vessel that combines in the most economic way innovative design features that meet or exceed the latest legislation and industry standards and practices.

A team, formed under our supervision and management, consisting of naval architects and marine engineers, mechanical automation and electrical engineers, steel and coating specialists can undertake new building projects covering a wide range of vessel types.

#### Major/minor conversions

Our team of naval architects and marine engineers can provide innovative and cost effective solutions to convert or modify vessels to meet new regulations, increased cargo capacity needs, operational restrictions, and alternative system and arrangement requirements.

Design work is customized to the client's needs through extensive investigation of design requirements and the use of computer-based applications. Our extensive experience in a wide range of conversion projects guarantees that the end result will be in compliance with the predefined requirements to meet or exceed client expectations including cost control.

#### Marine technical studies

Our team of naval architects and marine engineers can perform a variety of studies such as intact/damage stability calculations, structural assessment and local structural modification, claim investigation and support, development of system and arrangement manuals and drawings.



# Marine consultancy services in daily practice of ship operators

Through our long-term involvement with the implementation of new regulations and our long-term cooperation with the major Classification Societies we can be of valuable assistance to ship operators when need to investigate or resolve any issues related with the implementation of specific rules and regulations whether class, statutory oil majors or other. This service will enable ship operators to evaluate our contribution to your daily operations and provide ground for a long-term relationship that will add value to a company.

#### **R&D Engineering**

Our involvement in Research and Development has been established in order to accumulate, manage and maintain scientific knowledge aiming to keep the company services updated with the latest trends and developments.

This objective is achieved by recruiting recognized scientific staff and also by establishing a network of collaboration with reputed research engineers covering in detail a wide range of marine technology aspects.

Our R & D activity is related with research projects that mainly deal with the development of new marine technological systems.

This involvement enables our company to undertake specialized studies regarding ship performance in waves, seaworthiness and comfort, wave load calculation, damaged ship stability and safety, hydrodynamic analysis of hull performance, special strength analysis. Expanding our claim support capabilities we undertake various investigations from material failure to post mortem investigations of incidents.

#### **Surveys & shipboard attendance**

Our network of experienced professional surveyors can provide timely worldwide coverage in a wide type of surveys or onboard attendance allowing sound decision-making based on clear knowledge of ship's condition. Our assistance can be provided for draft surveys or inclining experiments, superintendency services, condition surveys, supervision of repair and dry-docking, pre-purchase surveys, etc.