



Nevesbu



Naval Architects and Marine Engineers

Nevesbu

Nevesbu is a naval architecture and marine engineering firm which provides the maritime, naval and offshore industry with services since 1935. Nevesbu offers a multidisciplinary package for the design and engineering of maritime crafts such as floating offshore structures, Jack-Up's, Naval Vessels, Submarines and Special Purpose Ships.

To expand knowledge of the latest technological developments, Nevesbu is partner in several study groups. Our highly experienced staff is uniquely qualified in structural, electrical and control and monitoring design and engineering and provide solutions that add value to your project. Furthermore we provide experienced services on Naval Architecture, marine engineering, marine systems and finite element analysis.



Services

In the maritime market Nevesbu offers a wide range of services, ranging from specific-purpose study assignments to complete design and engineering projects.

Our unique services are designs of special mechanical products like; shaft lines, underwater garbage ejectors and underwater hatchways, platform integration of control and monitoring systems, boat impact analysis, fatigue assessment and hull integration of heavy equipment.

The services are aimed at the following areas:

- Ship design and naval architecture;
- Engineering and design for offshore structures;
- Specialist engineering services;
- Consultancy.

Offshore Structures

Nevesbu offers engineering and design packages for floating offshore structures such as F(P)SO's, Semi-Submersibles and other floating units. Specific projects such as structural life extension, turret integration, accommodation modules, pipe-laying systems, monitoring and control filosofies and helicopter landing area's are also part of the engineering services.

Nevesbu supplies their clients with knowledge of disciplines such as structural analysis (global and local), fatigue assessment, marine utility systems, hull integration of various applications and stability assessment. Other services are seakeeping and wave loading analysis, vessel conversion, class requirements analysis, safety assessment, E&I and monitoring and control.

Our clients include major and independent oil and gas companies, drilling contractors, engineering contractors, fabricators and transport and installation contractors.

Special ships

Our knowledge of ships with specified capabilities supports companies in the maritime industry with vessel design tailored to their demands. Our areas of expertise span across concept development, hull form development, hull structure design, engine room design, stability assessment, electrical design, control and monitoring, mechanical systems and safety management. We also specify technical specifications, requirements for non-standard ships and discuss plan approvals with classification societies. These expertises can be applied on new ship designs or ship modifications.

Naval vessels

Our history record consists of a wide range experience for the design of naval vessels. As a knowledge centre Nevesbu comprises the total design of naval vessels such as landing crafts, support vessels, patrol vessel and frigates. The integration of all weapons, sensors and command systems with the platform (PSI) is also part of our services. We provide designs for electrical, climate technology, platform automation and structural assessments.

We offer consultancy for project definitions, concept design, life extension programmes and modifications of naval vessels.

Submarines

One of our key products is the design of submarines, with a history of designing all the Dutch submarines since the Second World War and also providing the engineering support for other submarines. Nevesbu has the knowledge of the design philosophy of these complicated technical products ranging from specific-purpose study assignments to complete design and engineering projects.

We provide engineering packages for fitting special systems and equipment in existing submarines and design special mechanical components such as; propeller shafting, rudder mechanism, watertight hatchway's, torpedo areas. Our engineering services include electrical design, naval architecture, climate technology and structural shock calculations.





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