

# Ship Design

From the beginning Ship Design is a core of our business. Since the early years of our company scope of our service evaluated from speed boats, motor boats, pleasure and special crafts, through all range of trade vessels up to service for demanding owners of mega yachts and offshores units. Actually we are basing on well educated and experienced engineers, therefore we are ready to perform any design task in our own or customer standard.

## OUR FIELDS OF ACTIVITIES:

### BASIC & CLASS DESIGN:

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General Arrangements

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Hull shape modelling

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Watertight Division

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Intact and Damage Stability

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Freeboard Plan

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Capacity Plan

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Fire Safety Plan

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Initial Speed Prediction

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Hull Structure Design supporting on Class Requirements

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Overall and Longitudinal Strength Calculations

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FEM Analysis

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Deck Equipment Design

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Engine Room Design

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Piping and HAVAC systems

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Electrical balance and diagrams

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Electrical installations

WORKSHOP AND DETAIL DESIGN:

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Hull shape fairing

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3D Structural model

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Workshop drawings

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Nesting Cards

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Steel plates development

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Cutting files

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Coordination drawings

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Layout drawings

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Isometric

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Penetrations

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COG and mass calculations

{gallery}Ship Design{/gallery}