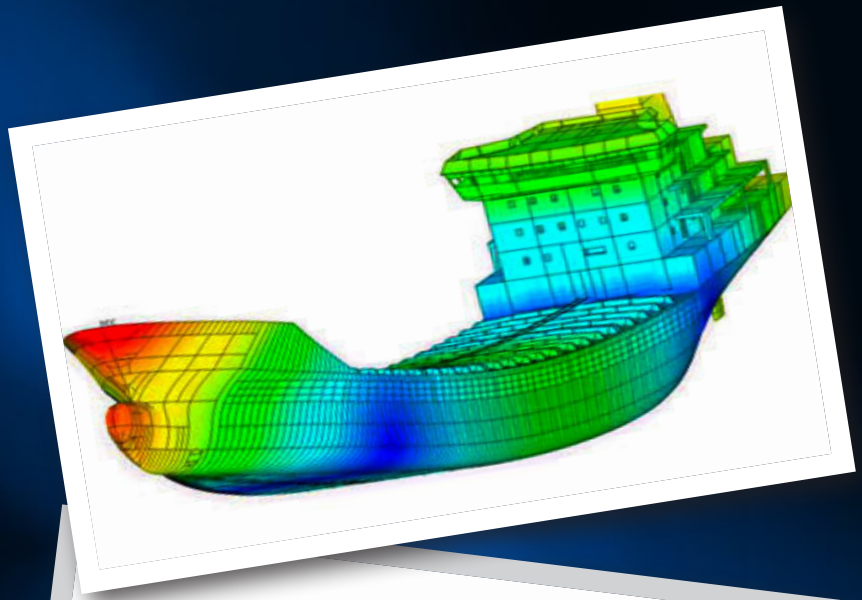
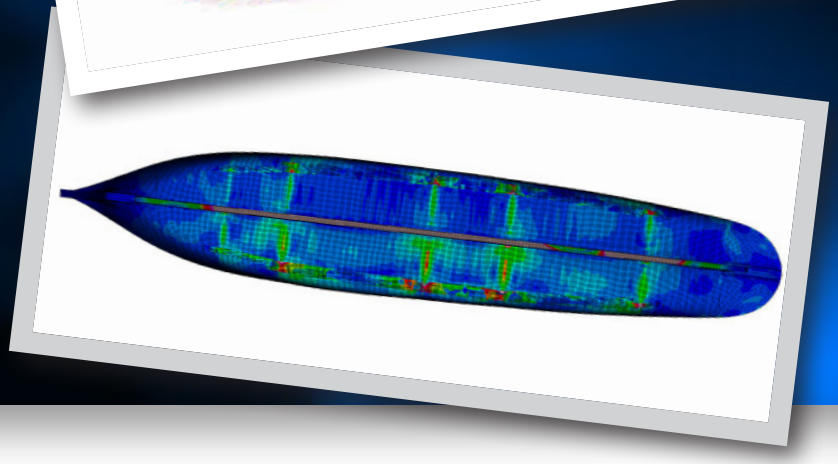
We R&D Developing You

BRODOSPLIT

BRODOSPLIT - RESEARCH AND DEVELOPMENT Ltd

DESIGN VERIFICATION





FEM

Finite Element Method

- FEM is a mathematical method of study analysis generally applied at virtually simulated cases of complex mathematical models that tend to accurately replicate real world conditions involving multi-physics domains of concern commonly included during prediction of product lifecycle and risk saturation.

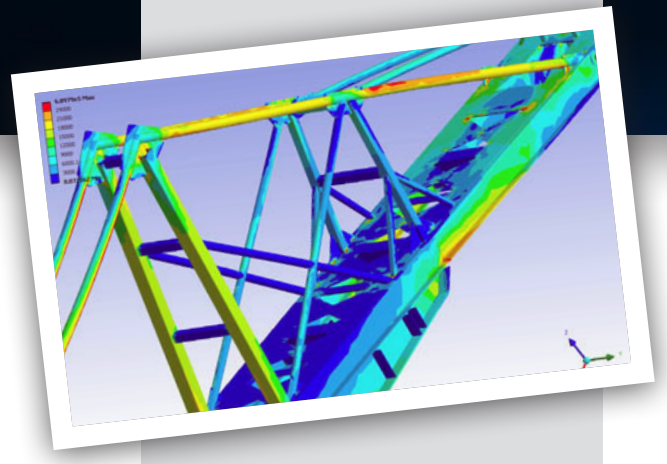
- FEM study case analysis are commonly applied at solving preliminary, initial and construction-specific structural weak point fail prediction and interactive fluid systems behavior on all type of industrial scale-independent applications and products.

CAE

Computer Adied Engineering

Our engineering team performs analysis in specialized software MSC - NASTRAN verifying the performance of your products under various deflection and stress components.

MSC Software



Brodosplit - R&D Ltd. is a micro enterprise with full confidence from Brodosplit Shipyard group.

Performing calculations, software analysis and steel construction design, R&D presents development business strategies including the implementation of future technologies, energy efficiency and renewable energy sources.

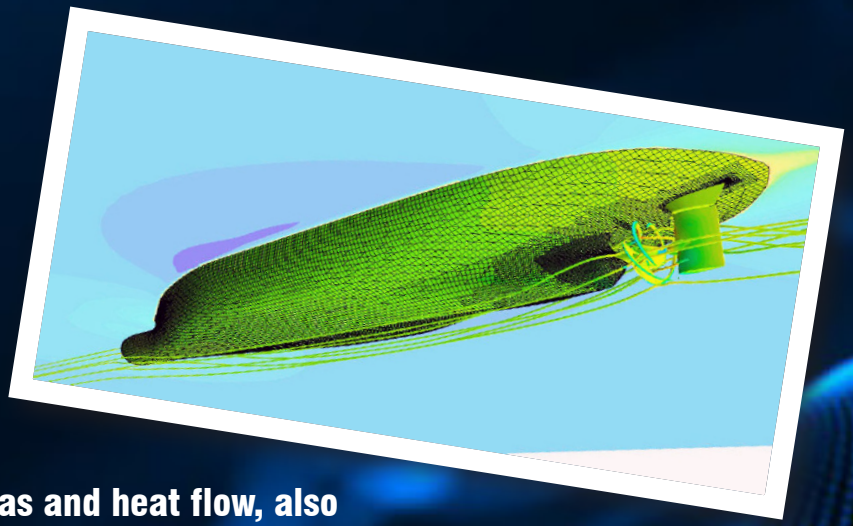
R&D team compares vision and mission of your corporation with up-to-date market analysis instructing you which path to take. Large fraction of cost reduction during product construction and optimization is our goal.

As the initiator of the adult educational centre, DIV – Centre for education, R&D department is constantly promoting the importance of lifelong learning.

EDUCATION

CFD
Computational Fluid Dynamics

- CFD is a scientific domain that tends to accurately predict fluid behavior in complex systems.



We analyze liquid, gas and heat flow, also calculating thermal comfort factors and product efficiency under liquid loading.

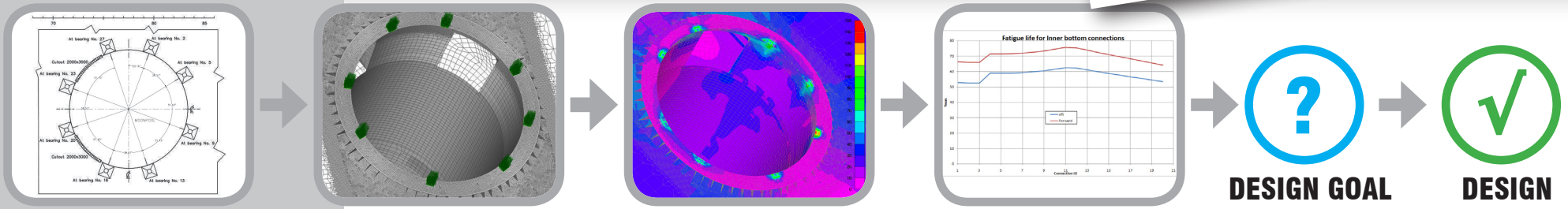
CAM
Computer Aided Manufacturing

- CAM is industrial process that uses software control applied at additive or subtractive machining methods utilizied on automatic or robotic manufacturing machines.

We build your prototypes with high precision and quality as the final result of complete CAE design and verification process. Machines available to our enteprise are large at scale and precision.

PROTOTYPING

OPTIMIZATION



Oprimization workflow chart.

CONTACT US:

Director
Mr. Robert Pešut, mag. ing. meh.
+385 99 339 12 42
robert.pesut@brodosplit.hr

Project manager
Mr. Krešmir Šimrak mag. ing. meh.
+385 99 274 79 43
kresimir.simrak@brodosplit.hr

Development mechanical engineer
Mr. Jure Brkan, mag. ing. meh.
+385 99 498 82 44
jure.brkan@brodosplit.hr

Development electrical engineer
Mr. Stipe Bosančić, mag. ing. el.
+385 99 339 14 97
stipe.bosancic@brodosplit.hr

Assistant project manager for EU Funds
Mrs. Mislava Župpa Rašić, mag. cult.
+385 99 339 13 88
mislava.zuppa-rasic@brodosplit.hr

BRODOSPLIT
RESEARCH & DEVELOPMENT LTD.

PUT SUPAVLA 21
21000 SPLIT
CROATIA

BRODOSPLIT
BRODOSPLIT - RESEARCH AND DEVELOPMENT Ltd