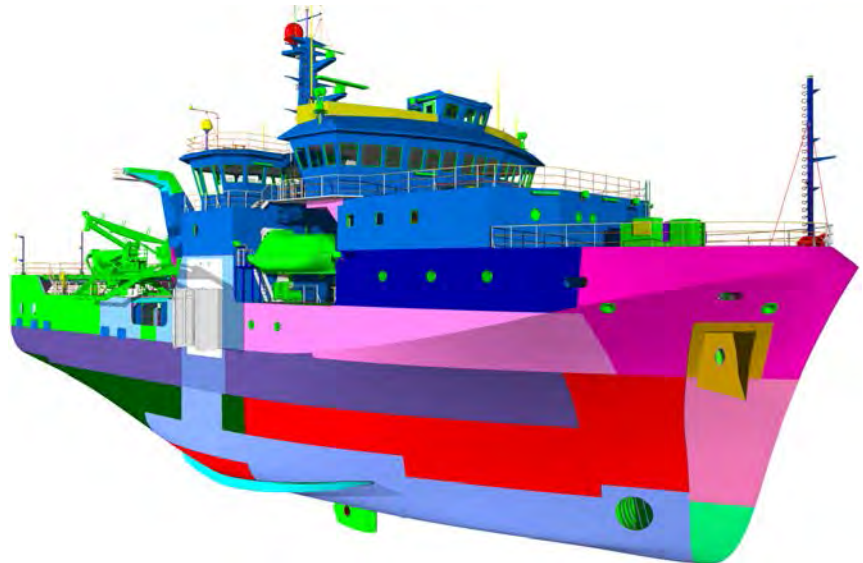
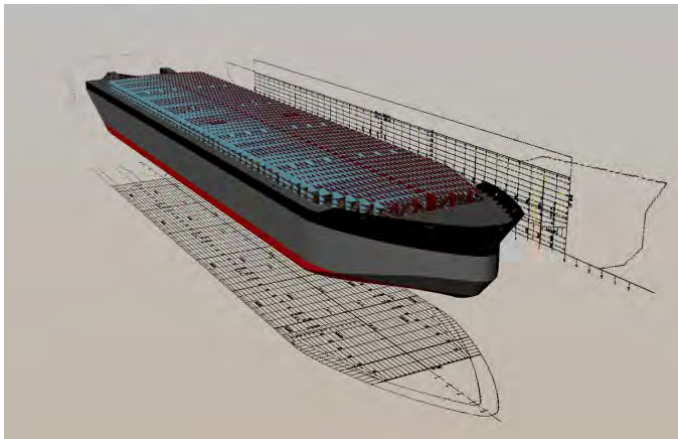
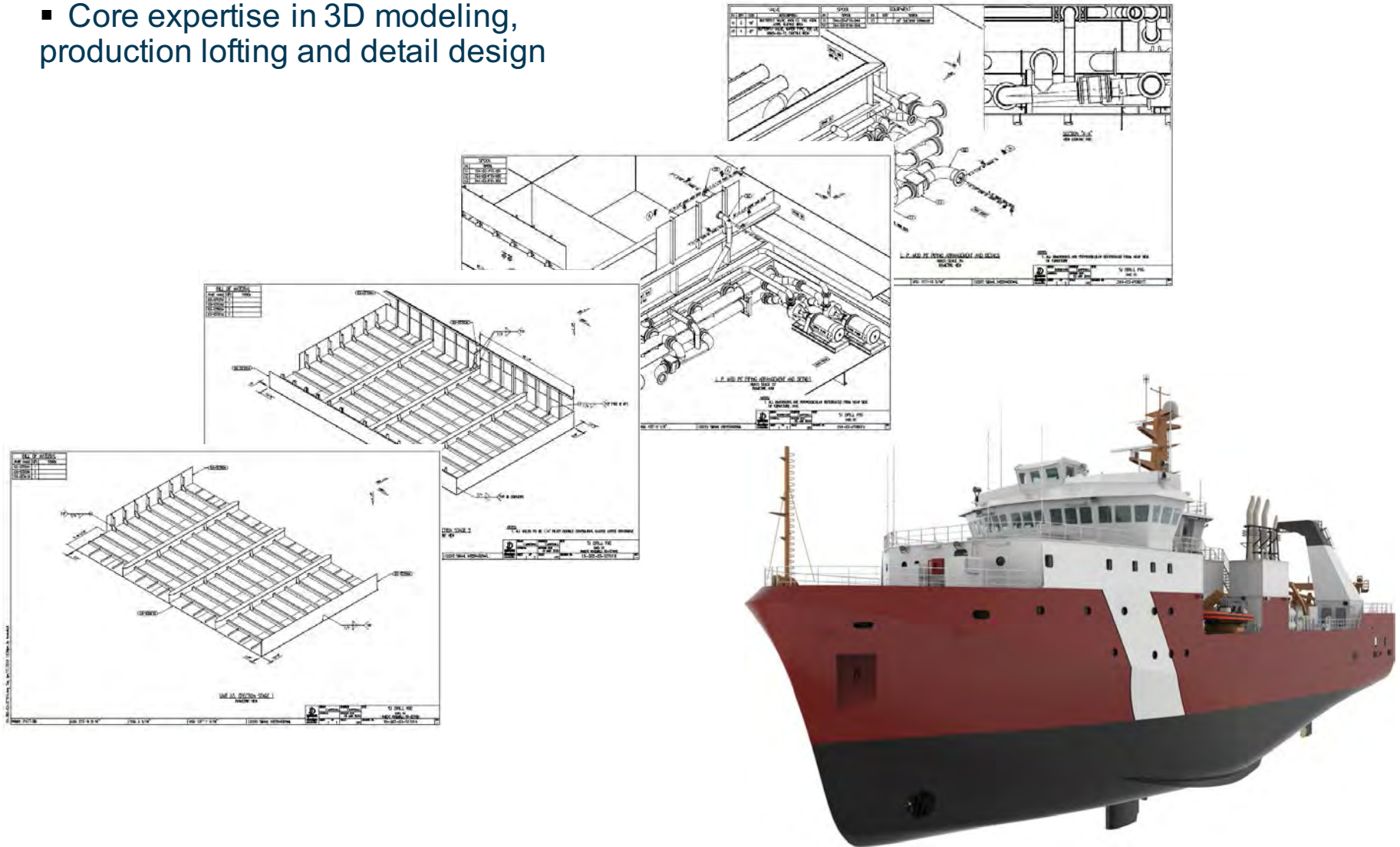


Genoa Design International Ltd



Genoa Design International Ltd.

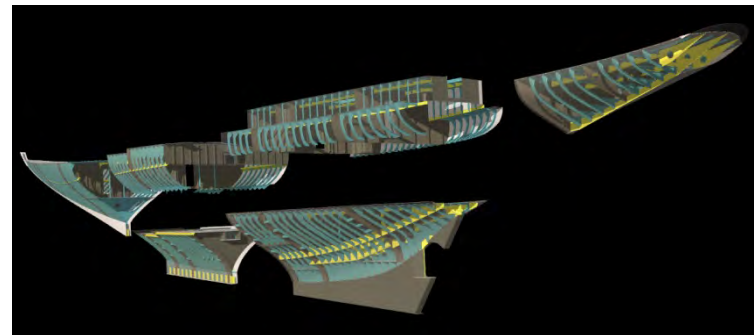
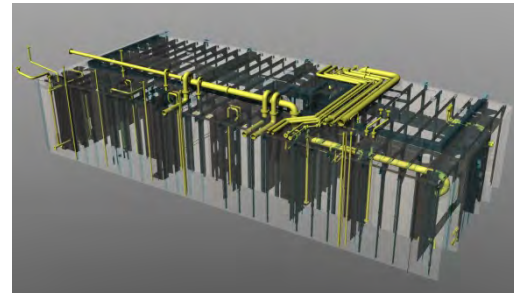
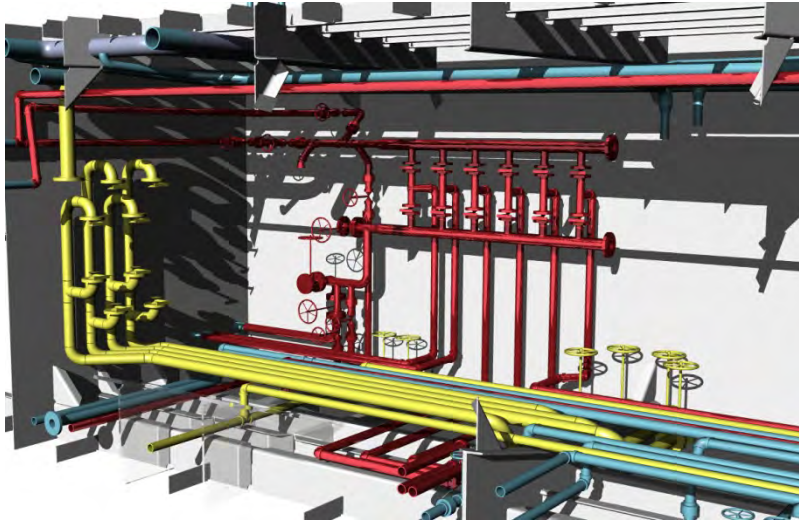
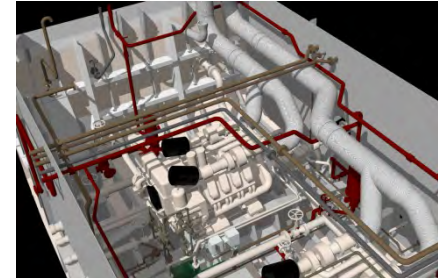
- Core expertise in 3D modeling, production lofting and detail design



Capabilities and Expertise

■ Production Lofting and Detail Design disciplines:

- Structural
- Piping and equipment
- HVAC and electrical
- Outfit and Joinery



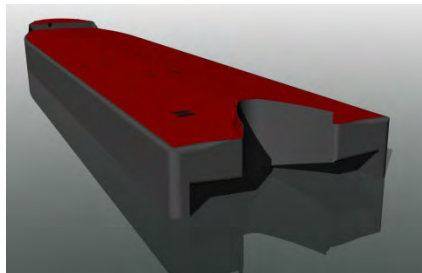
Experience

- More than 150 projects to date.
- Noteworthy production lofting and detail design projects:
 - U.S. Military – Littoral Combat Ship
 - U.S. Coast Guard – Great Lakes Icebreaker
 - Tanker – America Heavy Lift 188m Product Tanker
 - Iraqi Navy (NAVSEA) – Patrol Vessels
 - Offshore Support Vessels – numerous clients and vessels



Experience (continued)

- Other production lofting and detail design projects:
 - Icebreaker - Alaska Region Research Vessel
 - Ferries – Washington State, Staten Island, Newfoundland
 - Tugs – numerous clients and vessels
 - Barges – numerous clients and vessels



Genoa and NSPS

Large Ship Construction – Vancouver Shipyards

■ Non-combatants

- Polar Icebreaker – 1
- Joint Support Ships (JSS) – 2
- Offshore Fisheries Science Vessel (OFSV) – 2
- Offshore Oceanographic Science Vessels (OOSV) – 2
- Medium Endurance Multi-Tasked Vessels – 5
- Offshore Patrol Vessels - 5



Other areas of expertise

- Lean Manufacturing – applied to engineering through to fabrication – specific to shipbuilding and offshore fabrication.
- Design for Producibility



Barges



Tugs



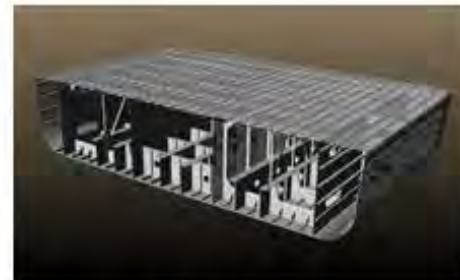
Tow Boats



Offshore Support Vessels



Ferries



Other Projects

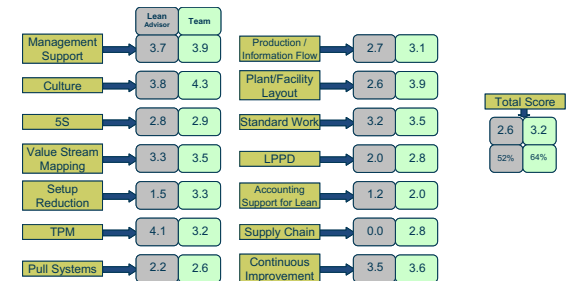
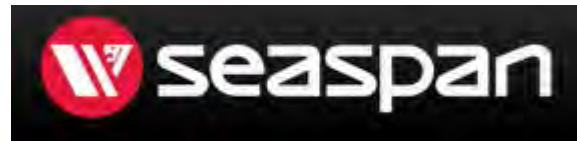
Things we are proud of

- Newfoundland and Labrador – Marine Heritage
- Genoa Academy – in development
- Advisory Board Member - Marine Institute of Memorial University of Newfoundland
- Board Member – Genesis Centre (MUN Business Incubator)
- SNAME – Board Member Atlantic Section

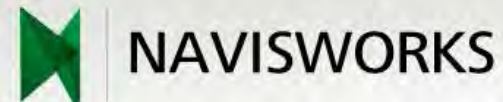


Things we are proud of

- National Shipbuilding Procurement Strategy - subcontract partner Non-Combat vessels.
- Participation in 8 National Shipbuilding Research Program (NSRP) projects.
- Sharing Genoa Design Lean practices in Design, Engineering and Production Engineering teams in shipyards.



Software Choices

The logo for SHIPCONSTRUCTOR SOFTWARE INC. It features the word "SHIPCONSTRUCTOR" in a bold, red, sans-serif font, with "SOFTWARE INC." in a smaller, blue, sans-serif font below it. A blue swoosh underline is positioned beneath the text.The logo for AUTODESK. It features a stylized "A" icon composed of three overlapping triangles in blue, green, and yellow, followed by the word "AUTODESK" in a bold, black, sans-serif font.The logo for AUTOCAD. It features a red, 3D, triangular prism icon on the left, followed by the word "AUTOCAD" in a bold, black, sans-serif font.The logo for NAVISWORKS. It features a green, stylized "N" icon on the left, followed by the word "NAVISWORKS" in a bold, black, sans-serif font.The Rhino logo, which is a 3D, white, stylized rhinoceros head facing right.

Rhino
design, model, present, analyze, realize...

The logo for NUPAS CADMATIC. It features the word "NUPAS" in a large, bold, blue, sans-serif font, with "CADMATIC" in a smaller, blue, sans-serif font below it.

Research Needs

- Ship design and material technologies
 - Design advancements
 - Integrating design with shipyards and construction
 - Material advancements
- Ship production technologies
 - Integrating design with shipyards and construction processes
 - Planning processes



Research Needs

- Business processes and information technologies
 - Maximizing use of product models
 - Technology transfer
- Infrastructure and support
 - Risk reduction in design and production
 - Training and workforce development



Barges



Tugs



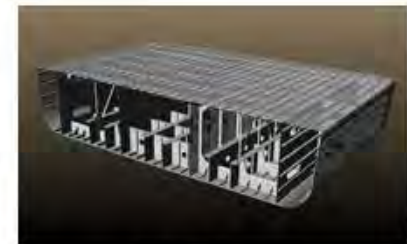
Tow Boats



Offshore Support Vessels



Ferries



Other Projects

Suggestions for structure

“Strategy is not a lengthy plan. It is the evolution of a central idea through continually changing circumstances.”

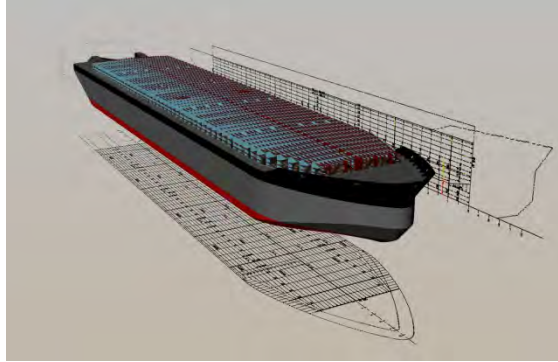
Jack Welsh



Suggestions for structure

- Strategic plan
- Mission, vision, directions, purpose
- Communications
- Stakeholders in key positions
- Collaboration
- Focus on common issues
- Technology transfer





Thank you

