

**GHENOVA Europe – Introduction to Canada**

**(A major ship design and 3D modelling Company with 500+engineering personnel)**

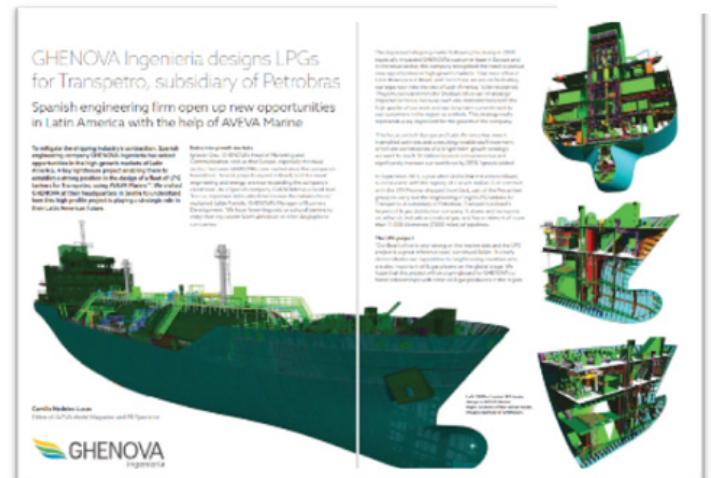
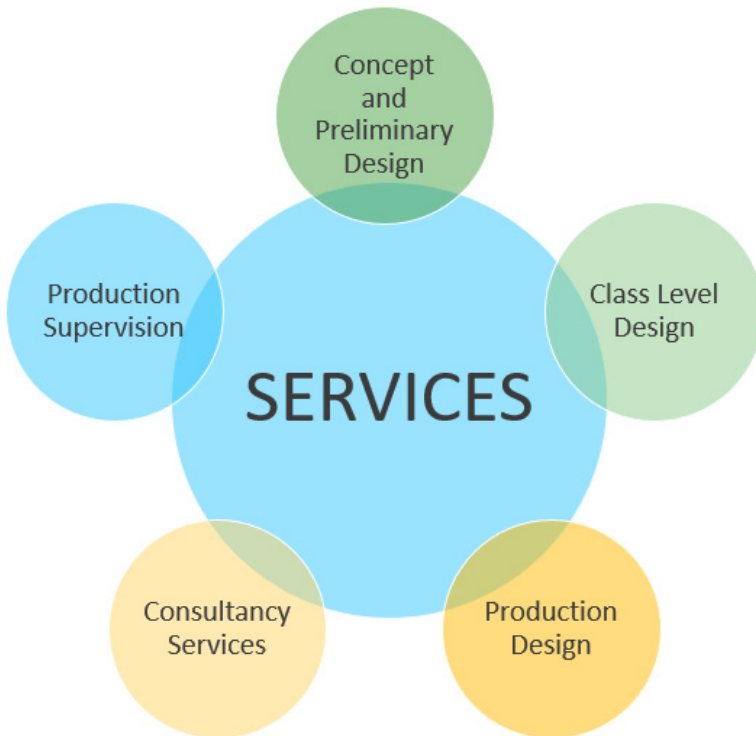
Respected,

Global Ship Solutions Inc. (GSS inc.) is a proud Canadian company working in the shipbuilding industry and is the representative of GHENOVA Europe in Canada.

GHENOVA offers integral services and solutions to shipyards, shipowners and operators in the areas of Design (Basic/Detail Design and 3-D modelling), Engineering and consultancy of all types of ships and offshore constructions. GHENOVA participates in large projects of high technological complexity. Their activity is developed in all stages of naval architecture and engineering: from Concept Design, Class Approval, Basic Design and Construction, both for new units and conversions and modernization of ships.



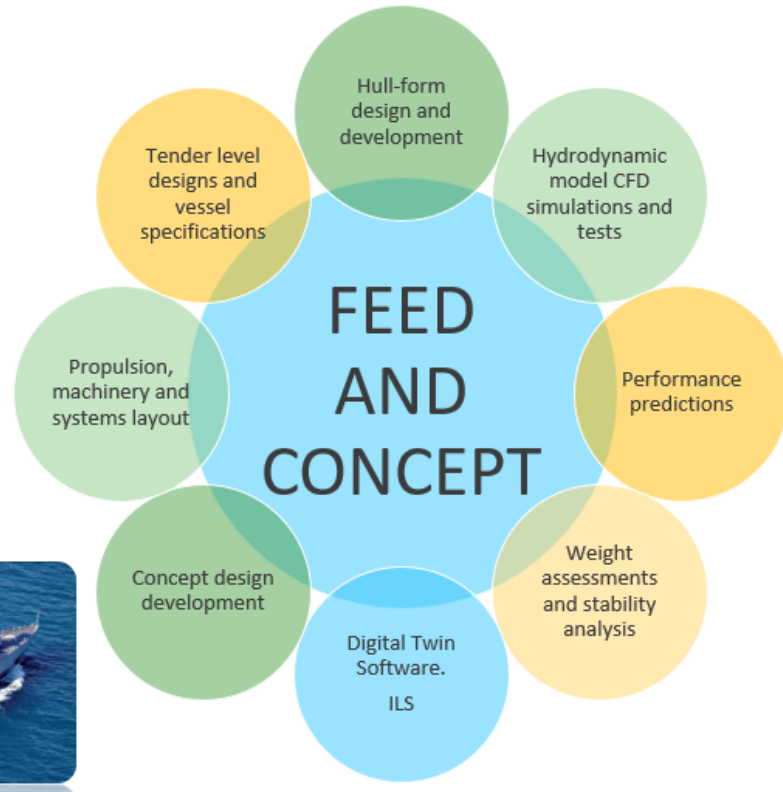
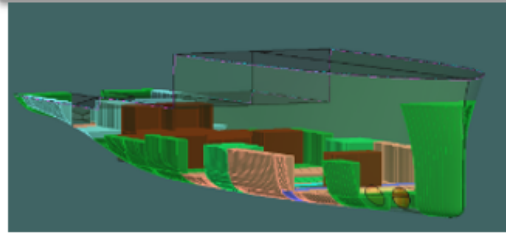
**Our services**



## FRONT END AND CONCEPT DESIGN

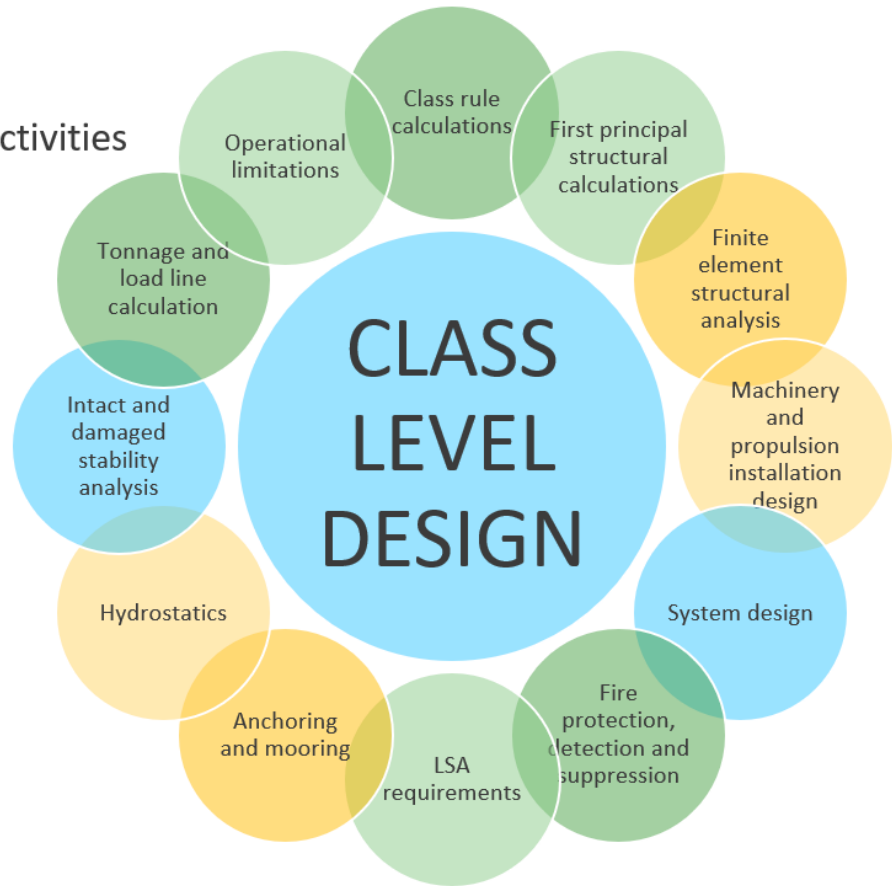
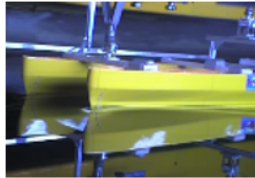
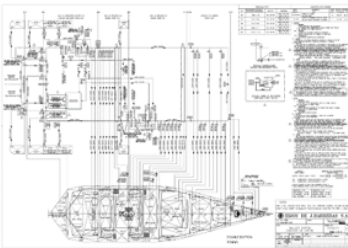
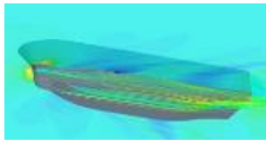
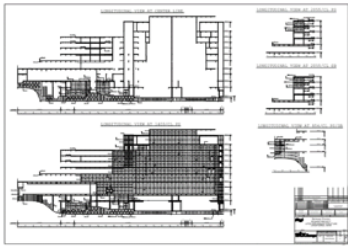
The front end design services we offer are encompassed in the following disciplines:

GT - SERIES		OIL RECOVERY	
OIL TUG, SF, OIL DPL, OIL TUG, FIRE FIGHTER & CLEANSHIP		MARINE DIESEL OIL TOTAL	
<b>MAIN CHARACTERISTICS</b>		<b>MAIN CAPABILITIES</b>	
Keel Draught:	5,200 m	OIL RECOVERY:	750 m <sup>3</sup>
Depth Headed:	6,500 m	MARINE DIESEL OIL TOTAL:	450 m <sup>3</sup>
Depth Headed:	14,300 m	FRESH WATER TOTAL:	500 m <sup>3</sup>
LBP:	52,200 m	WATER BALLAST:	640 m <sup>3</sup>
Length Overall:	63,000 m	DECK CARGO AREA:	300 m <sup>2</sup>
		DECK CRANE:	27/50 m
<b>PROPULSION:</b>		<b>MAIN CAPABILITIES</b>	
MAIN GENERATORS:	2 x 1,500 kW	OIL RECOVERY:	750 m <sup>3</sup>
BOW THRUSTERS:	5 x 2200 kW	MARINE DIESEL OIL TOTAL:	450 m <sup>3</sup>
SPEED:	1.2 KNOTS	FRESH WATER TOTAL:	500 m <sup>3</sup>
AUTONOMY:	75 DAYS	WATER BALLAST:	640 m <sup>3</sup>
		DECK CARGO AREA:	300 m <sup>2</sup>
		DECK CRANE:	27/50 m

# CLASS LEVEL DESIGN

Our Classification level Engineering activities includes the following:





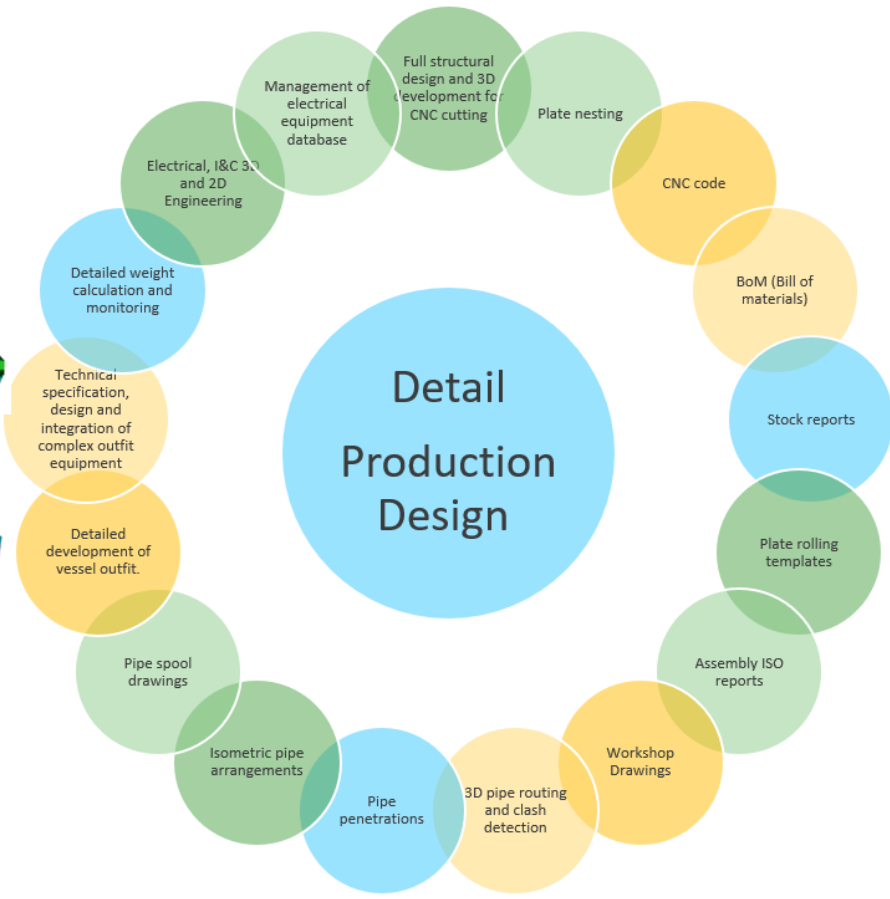
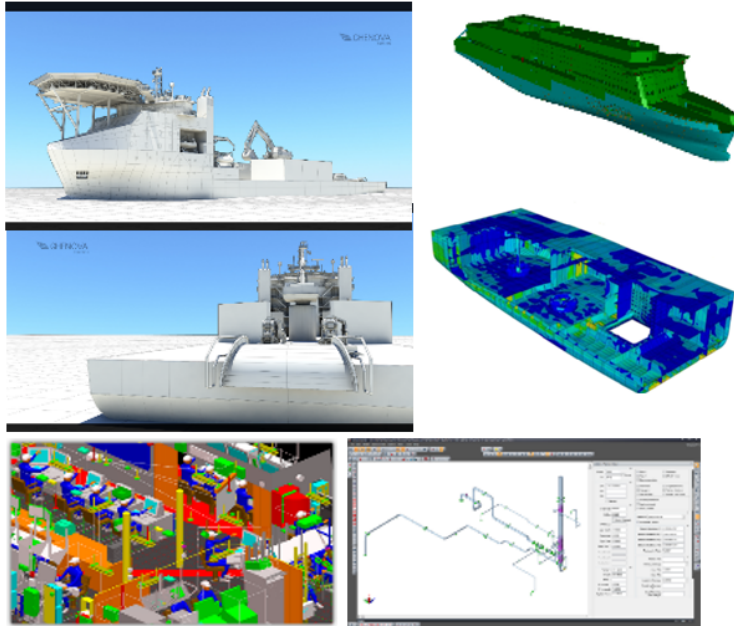
GSS

GHENOVA

Global Ship Solutions Inc.  
Canada Corporation: 1117971-3  
101, 5955 Yew Street  
Vancouver, BC, V6M 3Y7, Canada

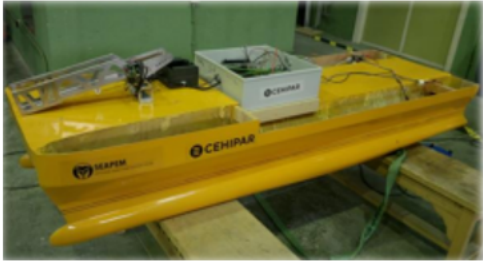
# PRODUCTION DESIGN

The scope of our services in detailed production design encompasses the following;



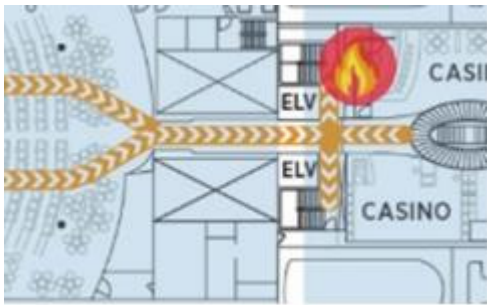
# CONSULTANCY

The scope of our services in consultancy encompasses the following;





- GHENOVA consultancy support services are adapted to fully satisfy their clients requirements.
- GHENOVA is providing analysis of problems occurred on board, strategic procurement advice, analysis of routes and operational profiles, covering the full range of marine, naval engineering and naval architecture disciplines.
- GHENOVA’s strength lies in the long term client support role from inception through build, trials to IT support.
- GHENOVA is also well know because their independent from manufacturing or production issues to provide impartial advice to serve the clients particular requirements.



Advance 3DM Software Solutions: CADMATIC, FORAN, AVEVA-Marine & SSI.



GHENOVA is fully in compliance with NATO security framework requirements, with previous experience working in a sensitive environment.

 **Facts & figures**



Offices in 5 Countries



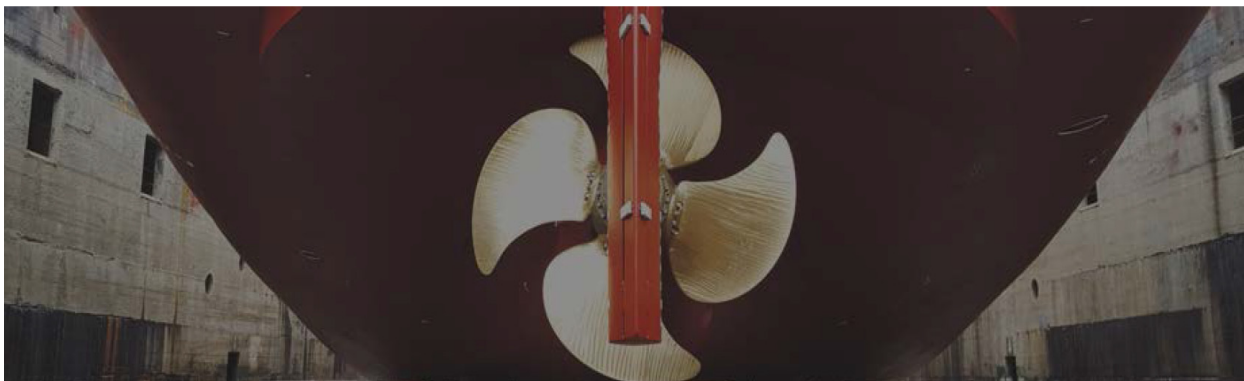
700.000 Engineering  
hours/year



Projects in 25  
countries



500 people, 70%  
Engineers

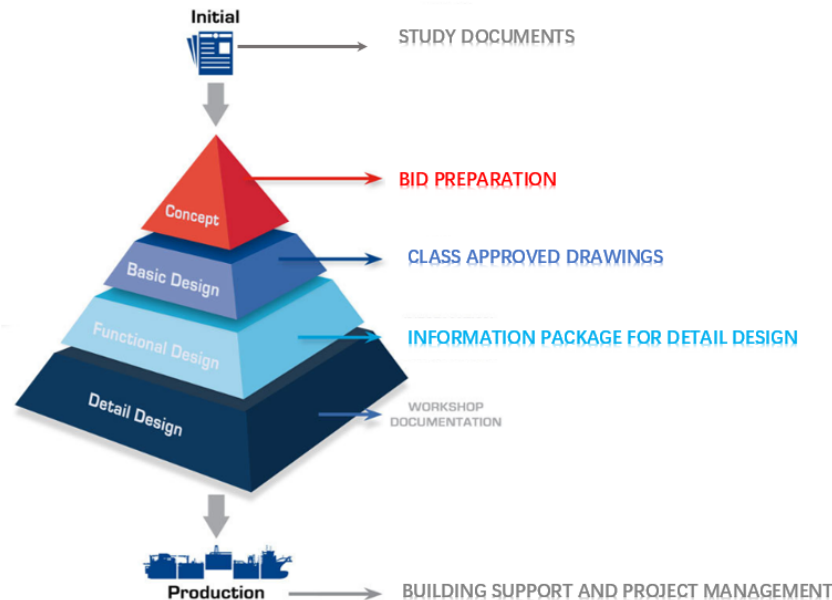


**Global Ship Solutions Inc. - Introduction:**

Global Ship Solutions Inc. (GSS Inc.) is a Canadian shipbuilding and marine client representative company. GSS Inc. is well-equipped to act as a driving engine into the success of the construction and life-cycle support for Defence Shipbuilding projects in Canada.

GSS Inc. team of experts includes Naval Architects and shipbuilding consultants with many years of domestic and International Shipbuilding experience with industry gold standard credentials such as Professional Engineering (P.Eng.)-EGBC, Risk Management Professional, Chartered Professional Engineering (C.Peng.) and Master in Business Administration.

We act as Marine Sales representatives and Naval Architecture representative’ consultants in all stages of shipbuilding projects with a GSS Inc. vision of the pyramid support process.



Using the Project Management Institute (PMI) methodology and bringing in current multi-dimensional industry best practices, such as agile and lean project management it is GSS beings in value preposition of 1:10. With every dollar business given to GSS, it will result in an average savings of \$10.

GSS Inc. is a proud Canadian company established in BC, offers products and services for the marine industry through its associate shipyards and engineering companies, passing through the company’s suppliers of equipment and supplies, joiner companies, outfitters, electrical installers, electrical motors and generators, and water treatment systems.



*Global Ship Solutions Inc.*  
Canada Corporation: 1117971-3  
101, 5955 Yew Street  
Vancouver, BC, V6M 3Y7, Canada

Please let us know if you would like to discuss further the potentials solutions we can provide to your shipbuilding enterprise. Here attached corporative GHENOVA presentation, together with a portfolio of Commercial and Navy Projects World Wide, for your perusal.

Our team of Naval Architects shall be delighted to organize a Microsoft Teams Meeting to discuss with you in more detail, our intention to become your long term contractor.

Best Regards,

JP Moolan, Vice President | BEng MRINA | Naval Architect |Global Ship Solutions Inc.|Cell +1 (778) 512 7791

