

MEng in Naval Architecture, Universities of Glasgow & Strathclyde
Member Royal Institution of Naval Architects (MRINA) (CEng)
Fluent in French & English. intermediate in Italian and Dutch.

8 Years in Naval Architecture and Offshore engineering

PROFILE

Valentin is a Naval Architect with ship design, classification and offshore industry experience. His all round engineering skills span across naval architecture, offshore and ocean engineering. Mr Martin also has a track record in project management.

He has carried out design approval and intact/damage stability for complex ship types and submersibles and provided live technical support for over 25 marine casualties.

He has significant experience in offshore engineering, including transportation analysis for special cargo, sea-fastening design, mooring design, concept design, suitability studies, lifting and DP Capability assessment.

EMPLOYMENT HISTORY

2010 – present	Mwaves Ltd Consultant Naval Architect
2009 – 2010	Noble Denton Consultants Ltd Senior Naval Architect
2006 – 2009	Lloyd's Register Emergency Response Consultant Passenger Ship specialist
2004 – 2006	BGV International Lead Naval Architect, Design Engineer
2003 – 2004	V-ships Consulting External Consultant
2002 – 2003	SSRC Research Assistant

PROFESSIONAL EXPERIENCE

- ❖ **Live support to Marine Casualties** – Live naval architecture and emergency response services for ship emergencies. Preparation and validation of computer models. Assistance to masters with live decision support on stability, strength, grounding and oil outflow. Cross assessment of salvage operations.
- ❖ **Marine Casualty investigation** – Engineering assessment of marine casualties worldwide and review of associated insurance claims. Expert advice to Hull underwriters.



- ❖ **Emergency Response Package & Statutory Computational Manager** (software development) – Specifications, customisation and validation of applications for emergency response and plan approval.
- ❖ **Statutory Surveyor** – Statutory appraisal of intact and damage stability for diverse type of vessels. Implementation of regulatory requirements in the class portfolio: probabilistic damage stability (SOLAS 2009), intact stability (2008 IS Code). Guidance to ship owners and shipyards on class.
- ❖ **Emergency preparedness for mega-yachts** – Damage stability calculations - S/Y 'Athena'
- ❖ **Meyer Werft, 'Disney Dream'** – Reviews of intact and damage stability calculations. Guidance to the shipbuilders on SOLAS 2009 - damage stability.
- ❖ **Marathon Petroleum Company, 'Alvheim FPSO'** Intact and damage stability analysis. Damage stability enhancements against NMD criteria and minor damages.
- ❖ **Drillship 'Chikyu'** – DP capability analysis.
- ❖ **Kellogg Joint Venture / Gorgon** – SafeTrans transportation analyses for modules.
- ❖ **AWS Ocean Energy, 'S-Wave' WEC** – Naval architectural and design assessment of the AWS-designed wave energy converter.
- ❖ **Statoil Hydro, Hywind** – Cable dynamic analysis for the installation of the Hywind prototype floating wind turbine.
- ❖ **Specialist Trainer** – As an ITOL accredited trainer, prepared and delivered training courses for client training: emergency response and probabilistic damage stability.
- ❖ **BGV High Speed Crafts** – development of basic design for high speed multi-hulls (HSC). Preparation of specifications, propulsion and outfitting arrangements, structural layout for preliminary appraisal by class. Supervision of tank testing for resistance and sea-keeping.