



**CURRICULUM VITAE**  
**MARIA DRAGOMERLI**  
NAVAL ARCHITECT  
CEng MRINA

**Contact Details**

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**Education & Qualifications**

- MSc in Naval Architecture with Merit, Newcastle University, UK
- BEng (Hons) in Naval Architecture, upper second class (2:1), Newcastle University, UK
- Registered with the UK Engineering Council (CEng)
- Member of the Royal Institution of Naval Architects (MRINA)

**Background and Experience**

Mar 2019 - Present TMC (MARINE CONSULTANTS) LTD - London, Naval Architect

Sep 2012 - Feb 2019 LONDON OFFSHORE CONSULTANTS (LOC) GROUP

London Offshore Consultants Pte Ltd - Singapore, Naval Architect

April 2016 to Feb 2019

**Technical Projects/ Investigations**

- Technical investigations for vessel grounding, collision, sinking and fire
- Attend salvage operations and provide engineering support for groundings in SE Asia
- Attend and manage wreck removal projects in SE Asia and Russia
- Engineering support for one of the biggest wreck removal projects off Singapore Straits
- Engineering support for expert witness reports, litigations and disputes
- Dry dockings for repairs of bulk carriers, tankers, car carriers and other types of vessels
- Ship surveys and assessments of steel repair work extent and associated cost
- Superyacht surveys for marine claims and incidents



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- Negotiations with shipyards and monitoring of project expenditure
  - Intact and damage stability assessment using GHS, inclining experiment and stability booklet
  - Manoeuvring simulations using Rembrandt software
  - VDR data analysis and course plotting
  - 3D/2D animations of vessel collisions using Rhino 3D
  - Container securing and damage assessments
  - Vessel vibration assessment and design of structural modifications to minimise vibration

**London Offshore Consultants Co Ltd - Tianjin, China, Naval Architect**

Jan 2016 to April 2016

Marine Warranty Survey

- Site attendances for lifting, load out and transportation of heavy and high value cargo in China and South Korea
- Document reviews for barge transportation, sea fastening and lifting
- Project close-out report preparation for offshore installations

**Longitude Engineering Ltd - Southampton, UK, Naval Architect**

Sep 2014 to Dec 2015

Defence work

- Mooring analysis and equipment specification for a number of military ships to identify current capacity and achieve OCIMF compliance. Work included:
- Survey mooring arrangements and equipment onboard to determine limiting load capacity for equipment and sub-structure
- Perform mooring analysis using Optimoor software to define limiting environmental conditions for ship as-is and develop capability drawings
- Re-design mooring arrangement and specify new equipment to achieve OCIMF compliance
- Shipyard attendances and consultation with production engineers
- Generate technical justification reports, drawings and hazard identification (HAZID)
- Evaluation and specification of mooring winches
- Customer liaison, presentation and documentation



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Small craft technology

- Causation for sailing boat mast damage and evaluation of mast design
- Stability assessments using Maxsurf software for compliance with relevant rules and regulations
- Structural design assessment for compliance with Lloyd's SSC Code and evaluation of modifications required
- Evaluation of structural failure and design of modifications for an offshore supply vessel
- Cost benefit assessment for modular barge concepts and associated bid preparation activities
- Small commercial boat surveys to evaluate and cost of modifications required
- Design assessment of a partially built steel sailing barge to achieve SCV code compliance and evaluate modifications required

**London Offshore Consultants Ltd - Ravenna/Giglio, Italy, On-site Project Naval Architect**

Sep 2013 to 2014

On site to support the COSTA CONCORDIA wreck removal project in Italy, protecting the interests of the Owner and P&I Club.

- Engineering reviews and analysis for the righting and refloating operations
- Shipyard attendances to monitor construction progress
- Review of sponson tanks' modification design and outfitting
- Review of engineering procedures and operations
- Review of logistic schedule for the transportation of sponsons to wrecksite and expenditure
- Attend load outs, sponson rotation, load tests, offshore installations and operations
- Monitor casualty status and daily site activities
- Sub-contract reviews and negotiations
- Engineering invoice review and revenue recovery
- Perform cost-estimation and budgeting for engineering designs and fabrication activities
- Cost-benefit analysis for new concepts and systems
- Preparation of progress reports and advice notes to client
- Preparation of claims supportive documentation
- Maintain documentation archive for future audits
- Customer liaison and documentation

**London Offshore Consultants Ltd - London, UK, Naval Architect**

Sep 2012 to 2013

Technical Projects/ Investigations

- Technical support to casualty investigation and response
- Mooring analysis to identify the cause of failures and provide recommendations to P&I Clubs and ship owners
- Bollard pull calculation for transportations



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- Stability calculations and analyses
  - Hull modelling and hydrostatic analysis using GHS software for the evaluation of wreck removal concepts
  - Support bid review for wreck removal concepts

#### **Marine Warranty Survey- Renewables**

- Site attendances for suitability and condition surveys
- Document reviews for offshore windfarm installation
- Review of sea fastening, transportation and installation, rigging design drawings and procedures

#### **Nikolaos Dragoumerlis, Naval Engineering Technical/Consulting office**

June - Sep 2006 - 2010

Thessaloniki, Greece

Trainee Naval Architect (Repeat summer placements)

Duties and responsibilities included:

- Attend vessel surveys and preparation of condition survey reports
- Attend inclining experiments, sea trials and shipyard attendances
- Preparation of AutoCad drawings
- Scantling determination reports using ABS and Lloyd's rules
- Liaison with port authorities for required documentation
- Administration and archiving responsibilities