



Exponent[®]
Engineering & Scientific Consulting

Maria Lagoumidou

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Professional Profile

Ms. Lagoumidou is a chartered engineer with a Degree (BEng+MEng) in Naval Architecture & Marine Engineering. She has 17 years of experience working as a designer, project manager and class surveyor/engineer for large CAPEX newbuilding projects including cruise ships, superyachts, high-speed craft, naval ships, ferries, ro-ro ships and floating oil & gas platforms.

Ms. Lagoumidou has applied her practical experience of ship design and shipbuilding gained after her graduation to the role of design approval surveyor for a leading classification society. She has performed structural design approvals for steel, aluminium and composite vessels. She has reviewed Fire Safety, Escapes and LSA including Alternative Designs and Fire risk assessments for new build cruise ships in accordance with SOLAS requirements for passenger ships. She has examined ship and system arrangements for compliance with Safe Return to Port requirements. She has performed surveys and attended tests on cruise ships, relevant to USCG special requirements. She also specialised in the application of the Red Ensign rules for superyachts. In her time as a class surveyor she has contributed to the development of classification rules, provided technical expertise contributing towards miscellaneous IMO instruments, performed technical due diligence work for the class society legal department and developed/delivered formal training courses for external and internal delegates.

Her marine, technical safety regulations and shipbuilding expertise have been utilised in high profile offshore oil and gas projects, whilst working as principal engineer/project manager for another major classification society. This role involved the prioritisation of work scope, planning, execution and delivery of design approval projects whilst leading a large team of multidisciplinary engineers. She negotiated change orders and was the client interface for her projects with other stakeholders based in Europe, Asia and Australia.

Ms. Lagoumidou led the newbuilding program for a shipping & logistics company, in the role of project manager, comprising of three newbuild ro-ro cargo ship projects, each for multiple ships, in Europe and the Far East and was the owners single point of contact for the project stakeholders. She contributed to the development, review and update of the technical specifications and makers lists during and after the pre-contract phase. She led the Buyers' plan approval and makers selection process and outsourced proposals for site team subcontractors/supervisors. She monitored shipbuilding progress both via relevant reporting by the site manager and by means of personal attendance at the shipyards. Maria was also involved with the financial aspects of the projects in collaboration with the company's finance department.

Maria is an active member of the RINA IMO Committee with current involvement in the IMO work for Maritime Autonomous Surface Ships (MASS).

Academic Credentials & Professional Honors

BEng, MEng, Naval Architecture & Marine Engineering, National Technical University of Athens, Greece, 2001

Licenses and Certifications

European Chartered Engineer (Eur Ing), FEANI

Chartered Engineer (CEng), UK Engineering Council

Chartered Engineer (Dipl Ing), Technical Chamber of Greece (TEE)

Prior Experience

Project Manager-New builds, CLdN Fleet Supervision BV- UK Branch, 2016-2017

Principal Engineer / Project Manager, Oil & Gas DNVGL, London, UK, 2014 - 2015

Senior Surveyor, Lloyd's Register EMEA, London, UK, 2008-2013

Surveyor, Lloyd's Register EMEA, London, UK, 2005-2007

Naval Architect & Marine Engineer, ALPHA Constructions SA, Piraeus, Greece, 2002-2005

Assistant Project Manager, NEORION New SA Syros Shipyards, Greece, 2001-2003

Professional Affiliations

Member of the Royal Institute of Naval Architects (RINA)

Member of the Hellenic Engineers Society of Great Britain (HESGB)

Languages

Greek

French

Publications

M.Lagoumidou, 'A marine designer's guide to the galaxy of materials used for the construction of accommodation areas in yachts: How to make both the owner and the regulators happy'. Paper written for and presented at the RINA conference 'Marine Design', Coventry University 14-15 September 2011

J.Strachan, M.Lagoumidou, 'Super and Mega yachts - Regulatory Requirements' . Paper written for and presented at the RINA conference 'Design, Construction and Operation of Super and Mega Yachts', Genoa 1-2 April 2009

Presentations

M.Lagoumidou. Marine Regulations. Guest Lecturer presentations in Coventry University Marine Design Course, 2011-2012