

PERSONAL INFORMATION

Name Emanuele D'Urso
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 Nationality Italian
 Date & place of birth 17-11-1977, Casarano, Lecce, Italy

WORKING EXPERIENCES

Actual work	<ul style="list-style-type: none"> - Proposal Engineer, Sales Support, FUEL GAS HANDLING (Oct '15-present): <ul style="list-style-type: none"> • Accountabilities: <ul style="list-style-type: none"> Account for supporting the Sales support team for technical issues and for introducing and developing new concepts • Responsibilities: <ul style="list-style-type: none"> • Design of LNGPac & gas feed systems to fulfil customer needs; • Creation of P&I drawings for the LNGPac system & complete gas feed system; • Responsible for Non Standard Request; • Creation of arrangement drawings; • Investigation for new solutions and identification of costs with direct contact with suppliers; • Engineering of new alternatives/proposals; • Technical support during meetings with customer; • Technical support during HAZID/HAZOP workshops; • Defining standard solutions/ products. • Development of new products/concepts. • Check of Internal drawings and documents • Coordination with external engineering services suppliers
Past works	<ul style="list-style-type: none"> - Senior Design Engineer, FUEL GAS HANDLING (Oct '11-Oct '15): <ul style="list-style-type: none"> ○ Working within LNGPac team, LNG fuel system for LNG fuelled vessels; ○ Process engineering for LNG fuel system, for delivery projects (preparations, develop and maintenance of P&I-diagrams and functional diagrams); ○ Mechanical engineering for LNG fuel system, for delivery projects, preparation of material to be sent to design's subcontractor for: <ul style="list-style-type: none"> ▪ 3D modelling; ▪ isometric drawings; ▪ Manufacturing drawings; ▪ Layout drawings; ▪ ... ○ Check on the drawings received from design's subcontractor ○ Preparation of equipment & component lists; ○ BOM creation and maintenance in Teamcenter; ○ Troubleshooting regarding process and mechanical design related issues; ○ Support during Class approval process; ○ Manufacturing support; ○ Commissioning support; ○ Double walled pipes for LNG and NG expert;
	<ul style="list-style-type: none"> - Process engineering in Wartsila- Ship Power Italy(jan'08-sep'11): <ul style="list-style-type: none"> ○ Pre-sales process design; ○ Process engineering for delivery projects (P&I-diagrams); ○ Updating and developing our Standard process design; ○ Troubleshooting regarding process design related issues.
	<ul style="list-style-type: none"> - Mechanical engineering in Wartsila-Ship Power Italy (jan '07-dec'07).

EDUCATION & TRAINING

- 1996 – 2006

UNIVERSITY OF TRIESTE

MSc in Naval Architecture :

Standard course study integrated with additional

- "Science and Technology of Composite Materials";
- "Corrosion and Protection of Metals";
- "History of Design";
- "Naval Design".

Graduation Thesis: Structural response in a naval collisions

- 2006

License to practice acquired in November 2006.

LANGUAGES

NATIVE LANGUAGE

Italian

FOREIGN LANGUAGE

English

- reading skills

Good

- writing skills

Good

- verbal skills

Good

SOCIAL SKILLS & COMPETENCES

Ability of communication acquired through life experience

Good ability to adapt to multicultural environments, gained through my work experience;

Good interpersonal skills;

Ability to work independently;

Strong customer focus;

Experience in facing end customer;

Determinate;

Self-motivated;

Experience in facing classification societies;

ORGANISATIONAL SKILLS & COMPETENCES

High sense of organization;

Dynamic;

Ability to work under stress;

Problem solving;

Ability to prioritize the work;

High aptitude to flexibility.

PATENTS

- A fuel tank arrangement of a marine vessel PCT/FI2015/050599

The present invention relates to a fuel tank arrangement of a marine vessel comprising a fuel tank being formed of an inner shell, an outer shell, an insulation in a cavity therebetween and a manhole structure for allowing access into the inner shell, the manhole structure comprising an inner manhole in the inner shell with means for closing the inner manhole, an outer manhole with means for closing the outer manhole and means for closing the cavity and for allowing thermal contraction and expansion of the inner shell in relation to the outer shell, wherein the means for closing the cavity and for allowing thermal contraction and expansion of the inner shell in relation to the outer shell is a closing element arranged between an outer surface of the inner shell and an inner surface of the outer shell and fastened thereto in an air-tight manner. **(Patented)**

- A fuel tank arrangement of a marine vessel and method of operating a tank container of a marine vessel PCT/FI2014/050431

Invention relates to a fuel tank arrangement in a marine vessel comprising a storage and containing tank storage and containing tank , a first fuel line comprising a first fuel line port opening into the storage and containing tank so as to provide a flow path exclusively for a first fuel, a second fuel line comprising a second fuel line port opening into the storage and containing tank so as to provide a flow path exclusively for a second fuel, in which one of the first fuel line port and the second fuel line port is provided with a closing means so as to close the flow path from the storage and containing tank into the fuel line. **(Patent pending)**

- LNGPac with inline TCS cylindrically shaped connected through a cone to the tank PCT/EP2017/052526

invention relates to a fuel tank arrangement of a marine vessel comprising an LNG-fuel tank being formed of an inner shell, an outer shell, an insulation therebetween and

a tank connection space provided at an end of the LNG- fuel tank, the inner shell having an end part at the end of the inner shell facing the tank connection space, wherein a collar is fastened to the end part of the inner shell and extends conically outwardly from the inner shell, the collar has an outer rim to which an additional shell extending in an axial direction away from the inner shell is fastened, and the additional shell has an end rim opposite the collar to which an end cover of the tank connection space is fastened. **(Patent pending)**

- BOG heater vessel” PCT/FI2017/050154

A liquefied gas tank arrangement, comprising a liquefied gas tank, wherein the gas in the tank forms a liquid phase section and a gaseous phase section in said tank, the arrangement comprising a main supply line configured to feed gas to a gas consumer, an auxiliary vessel provided with a heating means configured to transfer heat into the auxiliary vessel, a first gas line, which connects the gaseous phase section of the tank and the auxiliary vessel, the first gas line comprising a first valve, a second gas line, which connects the auxiliary vessel and the main supply line, the second gas line comprising a second valve, and a third gas line, which connects the liquid phase section in the tank and the auxiliary vessel, the third gas line comprising a third valve. Invention relates also to operating the tank arrangement. **(Patent pending)**

- A fuel tank arrangement in a marine vessel and a method of switching between inert and air atmosphere in a tank connection space of an LNG- fuel tank
PCT/FI2018/050223

A fuel tank arrangement of a marine vessel comprising an LNG- fuel tank, a tank connection space provided in communication with the LNG- fuel tank, the tank connection space being provided with a ventilation inlet line having a first fire damper valve, a ventilation outlet line having a second fire damper valve and at least one blower arranged in one of the ventilation inlet line and the ventilation outlet line, and a vent mast arranged in communication with both the LNG- fuel tank and the tank connection space, wherein the tank connection space is provided with an inert gas inlet for introducing inert gas from an inert gas source into the tank connection space. **(Patent pending)**

SOFTWARE SKILLS

Operative Systems	MS Windows
Graphic – CAD	I-DEAS, NX, AutoCad, Rhinoceros,
CAE	COMOS
Naval design	Maxsurf, Autoship
F E M	MSC Patran – Dytran
Programming languages	Pascal, Fortran, Html
Text Editor & data managing	MS Office, Latex, Teamcenter

ADDITIONAL INFORMATION

Willingness to travel

HOBBYES & INTERESTS

Travel, cinema, music, 3D-graphic, in-line skating, play football, cooking, calisthenics, football management.

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